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# Kolibri

*Release 0.9*

**Aug 27, 2020**



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**Kolibri** is an open-source educational platform specially designed to provide offline access to a wide range of quality, openly licensed educational contents in low-resource contexts like rural schools, refugee camps, orphanages, and also in non-formal school programs.

Kolibri can serve high quality education content from several publicly available **content channels**, collections of educational resources (exercises, videos, audio or document files) and associated metadata, prepared and organized for their use in Kolibri. It works in conjunction with [Kolibri Studio](#), the curriculum tool used to organize content and build custom content channels, aligned to the local curricula, or according to specific learning needs.



Fig. 1: Some publicly available learning content that may be included in Kolibri.



# CHAPTER 1

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## Learners - start here

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Whether you are using Kolibri at your school, in a training center or at home, learn how to *open* it on your device, what kind of *content and activities* can you work with, and how to submit *exams* created by your coaches or tutors.





## CHAPTER 2

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### For Coaches and Tutors

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Read how to *monitor activity* and *track the progress* of your learners on whole topics and exercises, all the way to single answers to particular questions. Create and *manage different learner groups*, *assign lessons*, administer *exams* and view reports.



## CHAPTER 3

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### For Administrators and Superusers of Kolibri

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Begin by reading how to *install* and *start* Kolibri server on the supported platforms, and *configure other devices* in the local network to access its content. Proceed on how to *import content channels*, create and manage *users* and *classes*. Configure the *settings for your facility*, and assign or edit *permissions* for other users. Learn how to work with Kolibri from *the command line*, *troubleshoot network issues*, and ask for support on our *Community Forums*.

Happy learning with Kolibri!



### 3.1 Install Kolibri

See the [Kolibri changelog here](#). Documentation for previous Kolibri versions are available [here](#).

To install **Kolibri** on a device that will act as a server, check the hardware requirements first, and then follow the procedure for the operating system on your device.

### 3.1.1 Hardware requirements

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**Tip:** Below you will find general recommendations regarding hardware requirements. To read more detailed information and find out examples of hardware setups that have been implemented by our partners and users, download the full [Kolibri Hardware Guide](#) and examples of [Hardware Configurations for Kolibri](#) (PDF documents).

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#### Servers

Minimum hardware requirements to run Kolibri as a server:

- 500 MB RAM (1 GB recommended)
- 500 MHz CPU (1 GHz recommended)
- Hard drive space depends on the size of the content channels you intend to import from [Kolibri Studio](#) or a local storage device.

If you have a facility with less than 30 computers, a device as simple as a [Raspberry Pi](#) is known to work fine as a server.

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**Note:** In case you are deploying on Linux and want an efficient setup, use the `kolibri-raspberry-pi` package, it doesn't require a specific architecture, but it's required to use if you deploy on a system with specs equivalent to or smaller than Raspberry Pi.

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#### Clients

Very old desktops and very low-power computers can be used as client devices to access Kolibri. For instance, some deployments are known to use first-gen Raspberry Pi as desktop computers.

It is always a good idea to do a practical test, but when you want to deploy Kolibri, usually it's not necessary to scale your hardware. The main concern is that your system needs a video card and driver that can play the videos.

### 3.1.2 Windows

#### Compatibility

- Supported: Windows 7, 8.1 and 10, with IE 11+, Chrome or Firefox
- **Not supported:** Windows XP cannot be used to install Kolibri server, but could potentially work as a client device if the browsers are [as up-to-date as possible](#).

#### Install

1. Download the Kolibri [Windows installer](#).
2. Double-click the downloaded `.exe` file.

3. Select the language for the installation.
4. Follow the instructions in the installation wizard window.
5. Once the installation finishes, Kolibri will auto-start and open in the default browser on your computer.
6. Proceed with the *Initial Setup* of your facility.

**Warning:** Windows firewall will prompt you to allow the Python process needed to run Kolibri. Click **Allow access** to accept and proceed.

## Uninstall

1. Open the Windows Control Panel.
2. Select **Programs and Features** option.
3. Select Kolibri from the list of programs.
4. Click the button **Uninstall/Change** and follow the instructions.

## Upgrade

To upgrade Kolibri, follow these steps.

1. Download the new version of Kolibri [Windows installer](#).
2. Double-click the downloaded .exe file.
3. Follow the instructions in the installation wizard window.
4. Once the installation of the upgrade is finished, Kolibri will auto-start and open in the default browser on your computer.
5. Go explore the new and improved Kolibri features!

### 3.1.3 Debian/Ubuntu

#### Compatibility

Debian/Ubuntu 14.04, 16.04 and up - anything that's *not* end-of-life

#### Install from PPA repository

Use the following commands in Terminal to add the PPA and install Kolibri:

```
sudo apt-get install software-properties-common python-software-properties
sudo add-apt-repository ppa:learningequality/kolibri
sudo apt-get update
sudo apt-get install kolibri
```

### Install from a .deb file

The advantages of downloading a .deb file is the portability: you can copy the file from device to device and install Kolibri without internet access.

1. Download the latest Kolibri [.deb installer](#), or have it copied to your local drive.
2. Run this command from the location where you downloaded the DEB file:

```
sudo dpkg -i kolibri-installer-filename.deb
```

3. Wait for the installation to finish and run this command to start Kolibri:

```
kolibri start
```

---

**Note:** If you choose to install Kolibri as a system service, you will not need to start it manually.

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4. When the command finishes, open the default browser at <http://127.0.0.1:8080> and proceed with the *Initial Setup* of your facility.

### Uninstall

- Open **Software** on Ubuntu and locate the Kolibri. Press **Remove**.
- Or from the command line: `sudo apt-get remove kolibri`.

### Upgrade

When you use the PPA installation method, upgrades to newer versions will be automatic, provided there is internet access available.

To upgrade Kolibri on a Debian device without internet access, bring the updated .deb file and follow the same steps as in *Install from a .deb file*.

## 3.1.4 Raspbian

### Compatibility

Kolibri currently doesn't work out of the box for Raspbian Jessie. We are refining our distribution to work out of the box, but you can follow the below steps in order to install it (tested on Kolibri 0.9).

### Install

1. Running `add-apt-repository` as shown in the PPA instructions does not work. Instead, run:

```
sudo su -c 'echo "deb http://ppa.launchpad.net/learningequality/kolibri/ubuntu_
↪xenial main" > /etc/apt/sources.list.d/learningequality-ubuntu-kolibri-xenial.
↪list'
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys_
↪DC5BAA93F9E4AE4F0411F97C74F88ADB3194DD81
sudo apt update
sudo apt install kolibri
```

2. Kolibri does not start after installation. This is because `python3-cffi` is outdated on Raspbian. Upgrade it like this:

```
sudo apt install libffi-dev
sudo pip3 install pip --upgrade
sudo pip3 install cffi --upgrade
sudo systemctl start kolibri
```

3. When the command finishes, open the default browser at <http://127.0.0.1:8080> and proceed with the *Initial Setup* of your facility.

---

**Note:** The following issues are quite common on a Raspberry Pi:

- The time isn't set properly and you will have errors downloading software. For instance, SSL certificates for online sources will fail to validate. Ensure that you have the right timezone in `/etc/timezone` and that the clock is set properly by running `sudo ntpd -gq`.
- You run out of storage space. If you have a USB source for additional storage, do something like this:

```
sudo systemctl kolibri stop # Stop kolibri
sudo mv /var/kolibri/.kolibri /your/external/media/kolibri_data # Move its data
sudo chown -R kolibri /your/external/media/kolibri_data # Ensure that the
↳ kolibri user owns the folder
sudo ln -s /your/external/media/kolibri_data /var/kolibri/.kolibri # Restore the
↳ original location with a symbolic link
sudo systemctl kolibri start # Start kolibri
```

- Loading channels can take a **long time** on a Raspberry Pi. When generating channel contents for Khan Academy, the step indicated as “Generating channel listing. This could take a few minutes...” could mean ~30 minutes. The device's computation power is the bottleneck. You might get logged out while waiting, but this is harmless and the process will continue. Sit tight!
- 

## Uninstall

From the command line: `sudo apt-get remove kolibri`.

## Upgrade

When you use the PPA installation method, upgrades to newer versions will be automatic, provided there is internet access available.

## 3.1.5 Other Linux & MacOS

### Compatibility

- MacOS: 10.6+, all browsers supported
- Linux: Any system with Python 2.7, all browsers supported

## Install

To install Kolibri on Linux distributions other than Debian, as well as on MacOS, you can use *generic installation* with `pip install` command, or follow these steps to run Kolibri with the PEX package.

1. Download the [Kolibri PEX installer](#).
2. Make sure to **open the Terminal where you downloaded** the PEX file. For example, if you saved it in the *Downloads* folder, type this when you open the Terminal, and press Enter:

```
cd Downloads
```

3. Type the following commands next (press Enter after each one).

```
chmod +x kolibri-installer-filename.pex
./kolibri-installer-filename.pex start
```

**Warning:** Make sure to **substitute the** `kolibri-installer-filename.pex` **with the exact name of the file you downloaded** in both commands. For example, if the name of the downloaded file is `kolibri-v0.9.2.pex`, type that instead of `kolibri-installer-filename.pex`.

4. When the command finishes, open the default browser at <http://127.0.0.1:8080> and proceed with the *Initial Setup* of your facility.

## Uninstall

1. Delete the PEX file.
2. Delete the `./kolibri` folder in your user's Home directory if you want to completely remove all the Kolibri files and content channels you imported.

## Upgrade

To upgrade Kolibri, follow these steps.

1. Download the new version of [Kolibri PEX installer](#).
2. Start Kolibri as during the first install.
3. Go explore the new and improved Kolibri features!

### 3.1.6 Python pip package

You can install Kolibri as a standard package from PyPi (works on Mac, Windows, and Linux) using this command:

```
pip install kolibri
```

### 3.1.7 Initial Setup

To do the initial setup of your Kolibri facility after the installation, follow these steps.



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**Note:** You need to do the initial setup only once, the first time you start Kolibri after the installation.

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1. **Select the default language for Kolibri.**

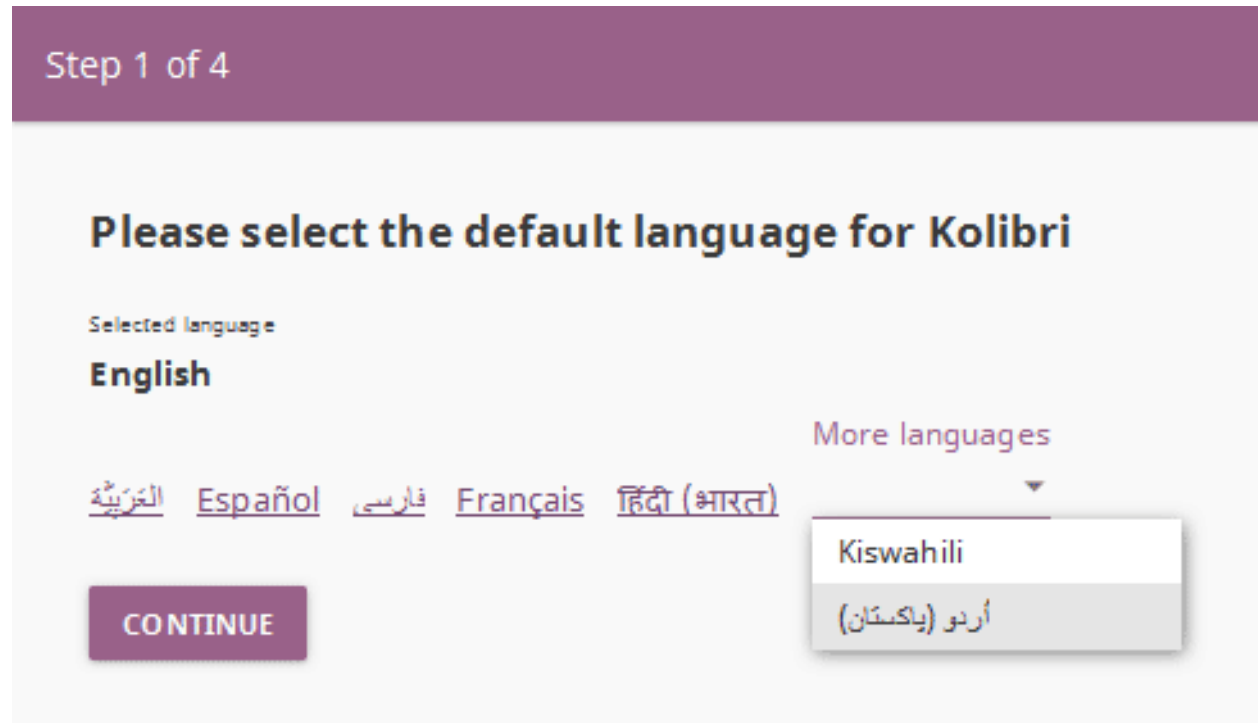


Fig. 2: Select the default Kolibri language.

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**Tip:** You can *change the user interface language* later, from the user menu in the upper right corner.

---

2. **Name your facility.** A Facility is the location where you installed Kolibri, such as a school or a training center.
3. **Create the Admin account.** This Admin user will be a **Super User** able to manage all the device content, and all the rest of the facility users and their permissions.
4. **Choose a Facility setup.** Click the **More information** link for more details about user permissions for each setup type.

← Step 2 of 4

## Name your Facility

A "Facility" is the location where you are installing Kolibri, such as a school or training center

Facility name

MySchool

CONTINUE

Fig. 3: Select the name for the facility where Kolibri is running.

Facility type	Users
<b>Admin managed</b> For schools and other formal learning contexts.	<ul style="list-style-type: none"> <li>• Admins must create all user accounts.</li> <li>• Users can sign in without password.</li> <li>• Users cannot edit their account information.</li> </ul>
<b>Self-managed</b> For parent-child learning, homeschooling or supplementary individual learning.	<ul style="list-style-type: none"> <li>• Guests can create their own accounts.</li> <li>• Users can edit their account information.</li> </ul>
<b>Informal and personal use</b> For libraries, orphanages, correctional facilities, youth centers, computer labs, and other non-formal learning contexts.	<ul style="list-style-type: none"> <li>• Guests can create their own accounts.</li> <li>• Users can edit their account information.</li> </ul>

Once you finish the initial setup, proceed to *import some content*, and *create users* (if you chose the Admin-managed facility setup). Make sure to check how to *configure other computers* in the network to access Kolibri.

← Step 3 of 4

## Create your Admin account

This account allows you to manage your Facility and content on this device.

Full name

Didi N.

Username

admin

Password


•••••

Enter password again

•••••

CONTINUE

Fig. 4: Select the username and password for the facility Super User.

 Step 3 of 4

## Choose a Facility setup

How will you be using Kolibri? (You can customize these settings later)

☒

**Self-managed**  
For libraries, orphanages, correctional facilities, youth centers, computer labs, and other non-formal learning contexts

☐

**Admin-managed**  
For schools and other formal learning contexts

☐

**Informal and personal use**  
For parent-child learning, homeschooling, or supplementary individual learning

CONTINUE

[More information about these settings](#)

Fig. 5: Choose a Facility setup.

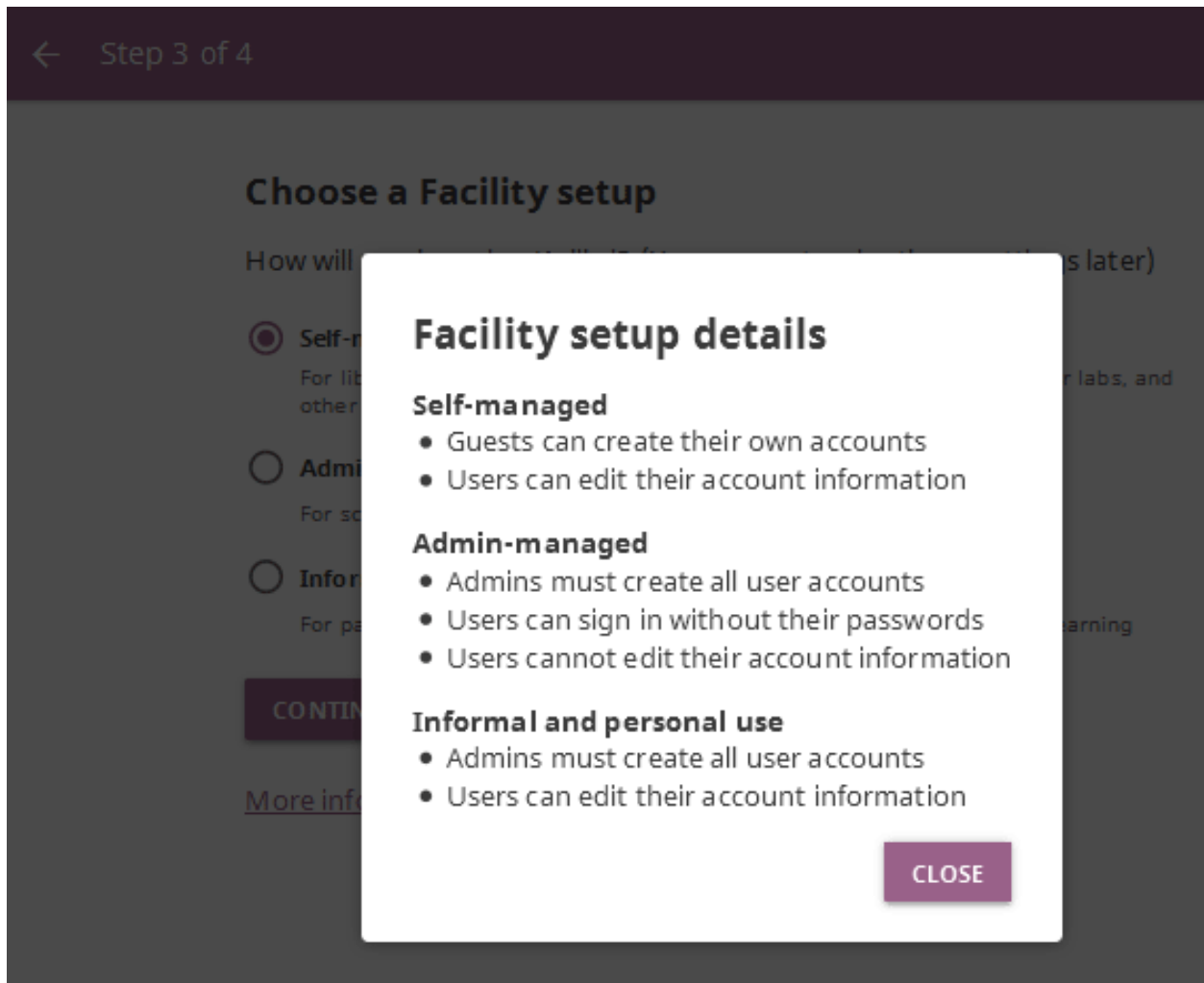


Fig. 6: View the Facility setup details.

## 3.2 Access Kolibri

### 3.2.1 Starting Kolibri on Windows

To start the **Kolibri** server on Windows, just double-click the desktop shortcut. You will see the notification message *Kolibri is starting, please wait...*

When you see the notification *Kolibri is running...*, **Kolibri** will open in the browser with the URL <http://127.0.0.1:8080>.

#### Kolibri Taskbar Options

While it is running, **Kolibri** will display an icon in the Windows taskbar (usually at bottom right, near the clock), that allows you to stop it and configure other settings.

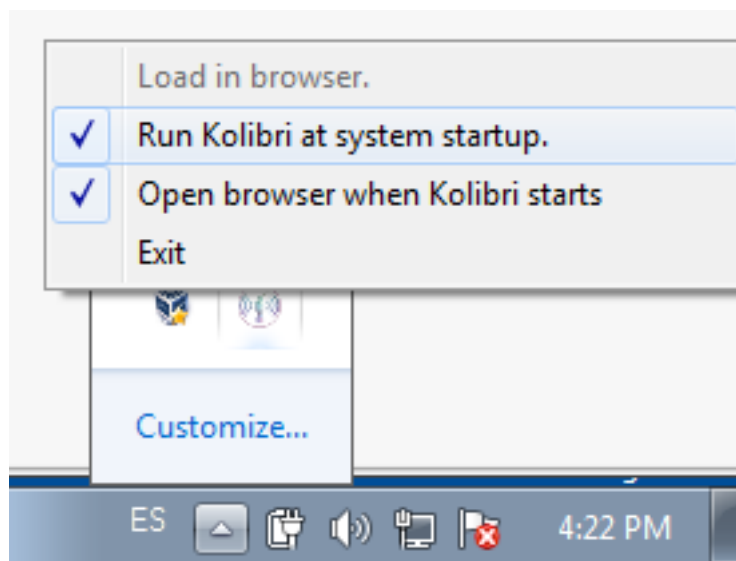


Fig. 7: Kolibri taskbar options.

- Use the **Load in browser** option to open Kolibri in the browser.
- By default **Kolibri** will start running every time you start the computer where it is installed. Uncheck the **Run Kolibri at system startup** option if you prefer to start it manually from the desktop shortcut.
- When installed, **Kolibri** will open in the browser every time it is started. Uncheck the option **Open browser when Kolibri starts** if you prefer to have it running in the background, and to open it manually in the browser by typing the URL <http://127.0.0.1:8080> in the address bar.
- Select **Exit** to stop **Kolibri**. You will be prompted to confirm the selection, after which **Kolibri** will stop. You will have to close the browser (or the tab) manually.

---

**Note:** Remember to *configure other computers* in the network to access **Kolibri** content.

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### 3.2.2 Starting Kolibri on Linux or MacOS

Starting Kolibri on Linux and MacOS will differ depending on the method you used to install it.

- If you used the *PEX package*, Kolibri will be accessible as long as the process is running in the Terminal.
- If you installed Kolibri as a system service with the *DEB installer*, it will run automatically on each system restart, and you do not need to start it manually. Proceed to step 2 below.
- If you installed Kolibri through the *PPA*, or *generic installation* with `pip install` command, follow these steps.

1. Run this command in Terminal to start Kolibri:

```
kolibri start
```

2. Open the default browser at `http://127.0.0.1:8080` displaying the **Kolibri** start page.

---

**Note:** Remember to *configure other computers* in the network to access **Kolibri** content.

---

3. Run this command in Terminal to stop Kolibri:

```
kolibri stop
```

### 3.2.3 Accessing Kolibri from Other Devices in the Network

After you have installed and started Kolibri on the computer that will act as a server, you need to configure other devices in the the same **Local Area Network (LAN)**, such as other computers, tablets or phones, so they can access the the learning contents on the server.

#### Compatibility

Kolibri currently supports these combinations of operating systems and browsers as client devices. Videos are MP4 encoded, and require no additional installation of plugins or codecs.

- Windows 7, 8.1 and 10, with IE 11+, Chrome and Firefox
- MacOS 10.6+ with Safari, Chrome and Firefox
- Linux, any browser
- Android 4.2+, Chrome and Firefox
- iOS, Chrome and Firefox supported, **Safari not supported**

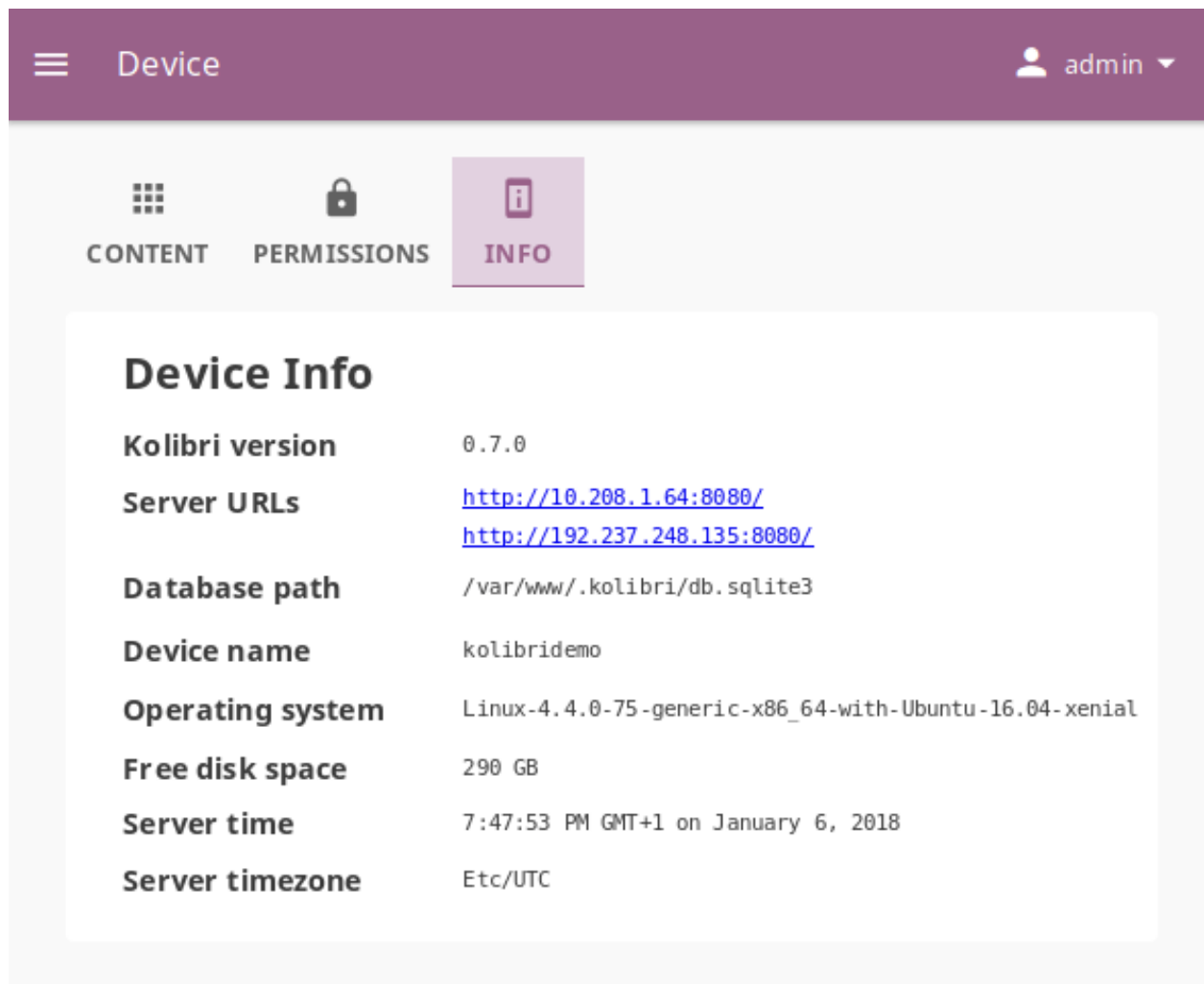
To access the content from other devices in the same network, you need to know the **IP address** of the computer where where Kolibri is running.

For example, if Kolibri is installed and started on a computer with the IP address **192.168.0.104**, you can access it from an Android tablet connected to the same network by opening the browser on the tablet and typing the address `http://192.168.0.104:8080`.

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#### Tip:

- You can check the IP (**Server URL**) of the device where Kolibri is running by going to **Info** tab in the **Device** dashboard, .



The screenshot shows the Kolibri web interface. At the top, a purple header bar contains a hamburger menu icon, the word "Device", and a user profile icon labeled "admin" with a dropdown arrow. Below the header, there are three tabs: "CONTENT" (with a grid icon), "PERMISSIONS" (with a lock icon), and "INFO" (with an information icon and highlighted in purple). The "INFO" tab displays a "Device Info" section with the following details:

<b>Kolibri version</b>	0.7.0
<b>Server URLs</b>	<a href="http://10.208.1.64:8080/">http://10.208.1.64:8080/</a> <a href="http://192.237.248.135:8080/">http://192.237.248.135:8080/</a>
<b>Database path</b>	/var/www/.kolibri/db.sqlite3
<b>Device name</b>	kolibridemo
<b>Operating system</b>	Linux-4.4.0-75-generic-x86_64-with-Ubuntu-16.04-xenial
<b>Free disk space</b>	290 GB
<b>Server time</b>	7:47:53 PM GMT+1 on January 6, 2018
<b>Server timezone</b>	Etc/UTC

Fig. 8: Find out the IP/Server URL in the Device > Info tab.



- You can also use the `ipconfig` command on Windows or `ifconfig` command on Linux/OSX to find out the IP address of the device running the Kolibri.

### 3.2.4 Change Language

To change language in which **Kolibri** user interface is displayed, follow these steps.

1. Open your user menu in the upper right corner.
2. Select the **Change language** option.
3. Choose the desired language.
4. Click **Confirm** and Kolibri will be displayed in the selected language!

## 3.3 Manage Kolibri

### 3.3.1 Default User Roles

Kolibri users by default can be divided in 3 different roles with respective access to features.

Default user roles
<b>Learners can:</b> <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> </ul>
<b>Coaches can:</b> <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> <li>• View <i>Coach</i> dashboard and track progress of other users and usage stats for individual exercises</li> <li>• Create/Edit/Delete <i>Groups</i> in <i>Classes</i> and add users to them</li> <li>• Create/Edit/Delete <i>Exams</i> and assign them to users</li> <li>• Create/Edit/Delete <i>Lessons</i> and assign them to users</li> </ul> <p><i>Facility Coaches</i> have access to all classes, <i>Class Coaches</i> only to ones they are assigned to</p>
<b>Admins can:</b> <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> <li>• View <i>Coach</i> dashboard and track progress of other users and usage stats for individual exercises</li> <li>• Create/Edit/Delete other <b>Admins</b>, <b>Coaches</b>, and <b>Learners</b></li> <li>• Create/Edit/Delete <i>Classes</i> and enroll users in them</li> <li>• Create/Edit/Delete <i>Groups</i> in <i>Classes</i> and add users to them</li> <li>• Create/Edit/Delete <i>Exams</i> and assign them to users</li> <li>• Create/Edit/Delete <i>Lessons</i> and assign them to users</li> <li>• View/Edit <i>Facility configuration</i> settings</li> <li>• Export <i>Detail</i> and <i>Summary</i> logs usage data</li> </ul>

### Kolibri Super Users

Kolibri **Super users** have all device permissions and are able to *assign them to other users*. Therefore **Super users** can:

- View content and have their progress tracked
- View *Coach* dashboard and track progress of other users and usage stats for individual exercises
- Create/Edit/Delete other **Admins**, **Coaches**, and **Learners**
- Create/Edit/Delete *Classes* and enroll users in them
- Create/Edit/Delete *Groups* in *Classes* and add users to them
- Create/Edit/Delete *Exams* and assign them to users
- Create/Edit/Delete *Lessons* and assign them to users
- View/Edit *Facility configuration* settings
- Export *Detail* and *Summary* logs usage data
- Import/Export *Content* channels
- View/Edit *Permissions* of other users

### Assign Additional Permissions

By default, only **Super users** can view the **Device** dashboard, import/export **Content** channels in Kolibri, and modify **Permissions** for other users. However, depending on the needs of the institution, **Super users** can also *grant these permissions* to other users.

### 3.3.2 Manage Device

You can manage content and permissions, and view the detailed info of the device where Kolibri is running from the **Device** dashboard.

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**Note:** To manage device settings you must have the appropriate permissions.

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### Assign Permissions

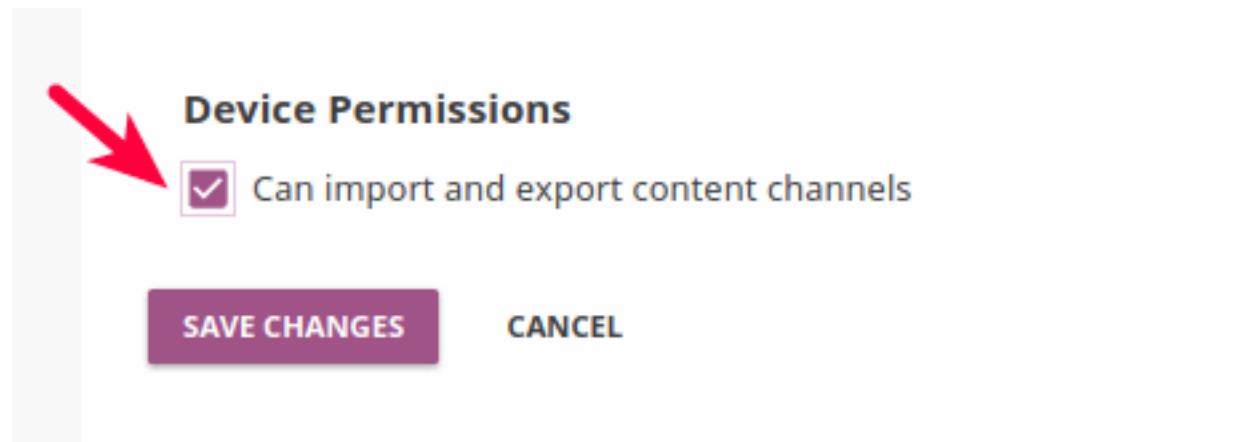
You can assign additional permissions to Kolibri users which will provide them access to more features compared to their *user roles*. To manage permissions for Kolibri users, use the **Permission** tab in the **Device** dashboard ( icon).

Full Name	Username	
Didi N. (You)	admin	<a href="#">VIEW PERMISSIONS</a>
Carol H.	carolh	<a href="#">EDIT PERMISSIONS</a>
John C.	johnc	<a href="#">EDIT PERMISSIONS</a>
Marc G.	marcg	<a href="#">EDIT PERMISSIONS</a>
Neela R.	neelar	<a href="#">EDIT PERMISSIONS</a>

### Permission to Manage Content

To grant permission to manage content channels in Kolibri to another user, follow these steps.

1. Click **Edit permissions** for the chosen user.
2. Under **Device Permissions** activate the option *Can import and export content channels*.
3. Click **Save changes** to apply and finish.

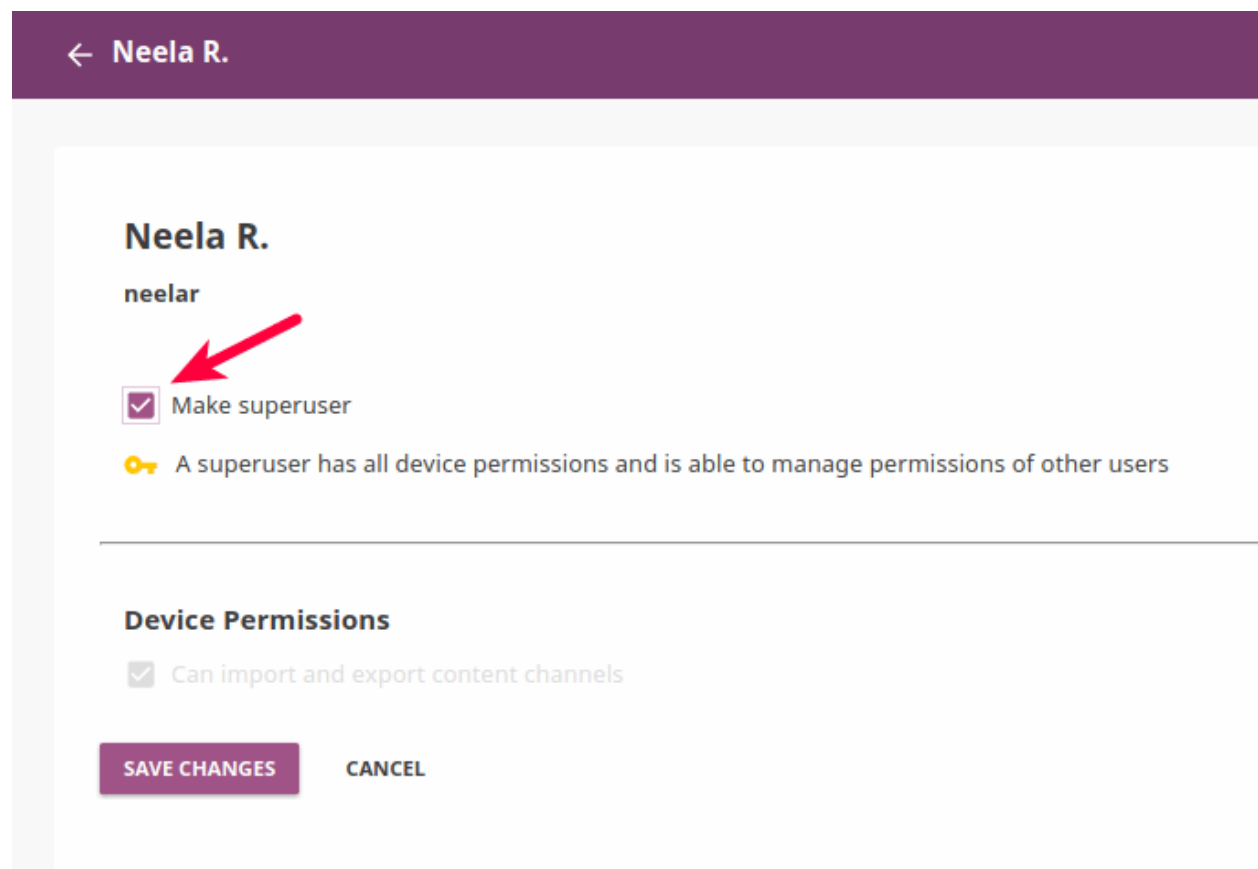


The users who have been granted the permissions to manage content channels will have a black key indicator in front of their name, and will be able to see the **Device** dashboard with the **Content** tab.

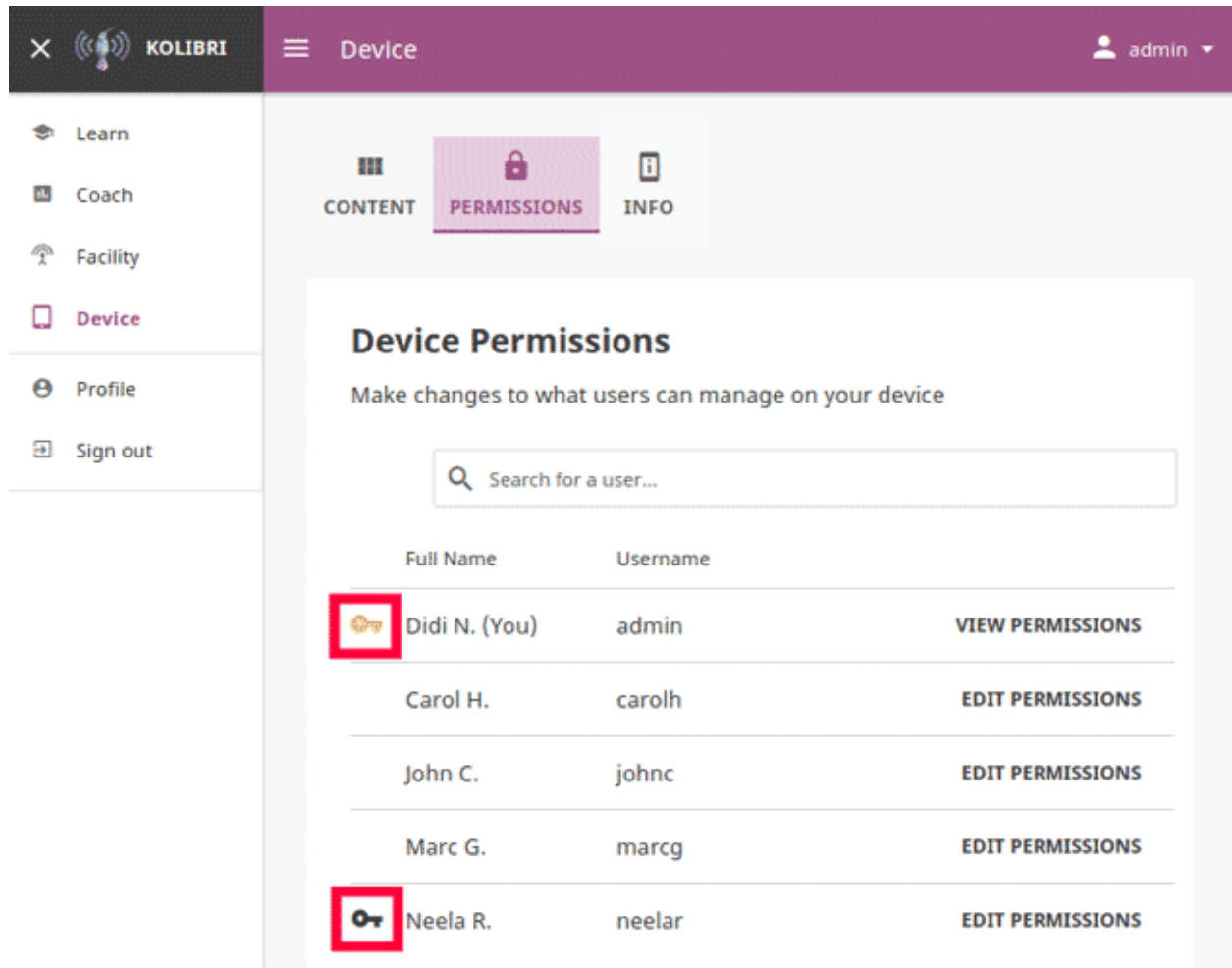
### Super User Permissions

To grant **Super user** permissions to another user, follow these steps.

1. Click **Edit permissions** for the chosen user.
2. Activate the option *Make superuser*.
3. Click **Save changes** to apply and finish.



The users who have been granted the **Super user** permissions will have a yellow key indicator in front of their name, and will be able to see the **Device** dashboard with both the **Content** and **Permissions** tabs.

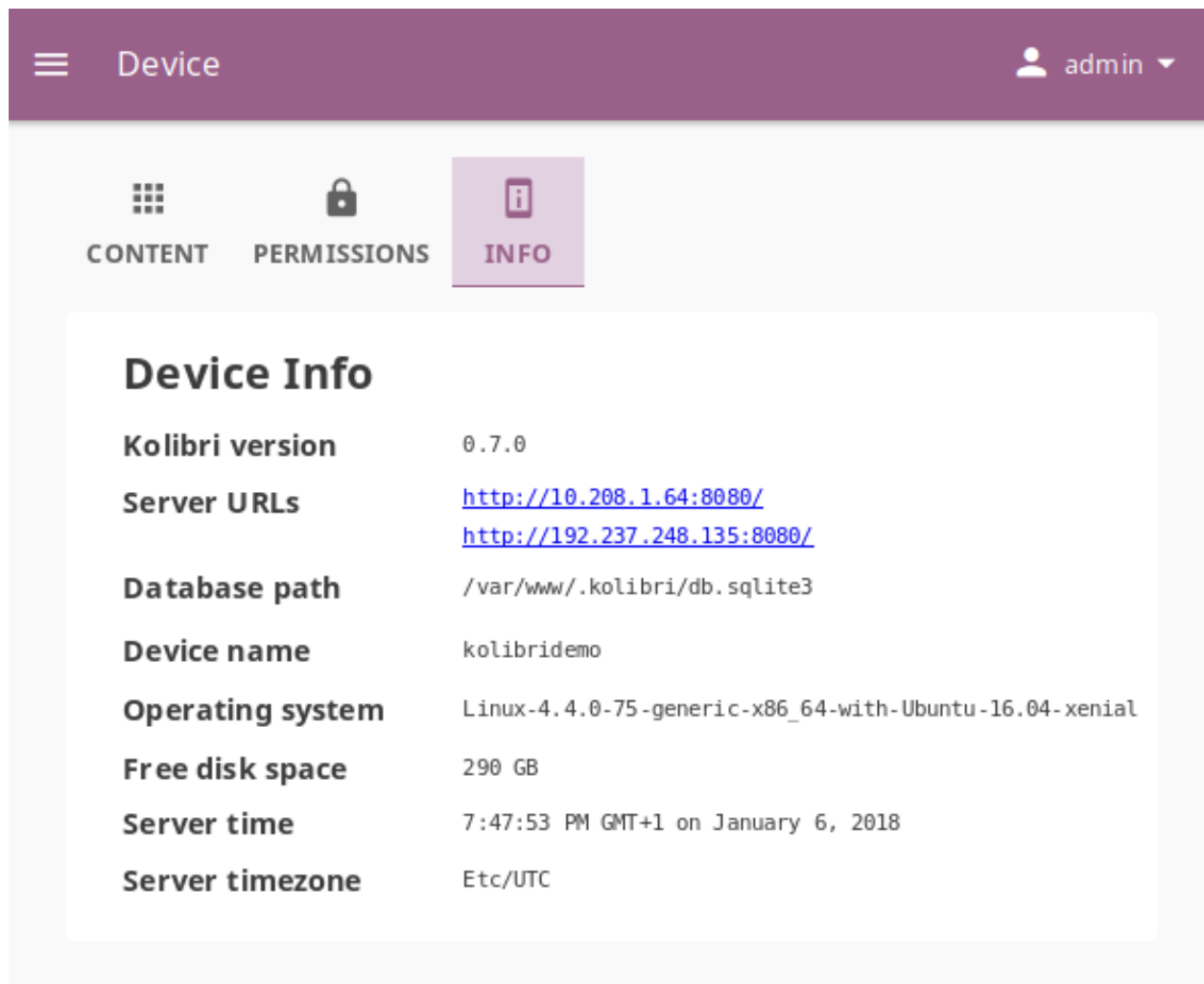


Full Name	Username	
Didi N. (You)	admin	VIEW PERMISSIONS
Carol H.	carolh	EDIT PERMISSIONS
John C.	johnc	EDIT PERMISSIONS
Marc G.	marcg	EDIT PERMISSIONS
Neela R.	neelar	EDIT PERMISSIONS

### View Device Info

To view the detailed info of the device where Kolibri is running on, use the **Info** tab in the **Device** dashboard ( icon). This information will be useful in case you need to report an issue with Kolibri to FLE support team. Make note or copy the following device details:

- Kolibri version
- Server IP/URL(s)
- Database path
- Device name
- Operating system
- Free disk space
- Server time
- Server timezone



The screenshot shows the Kolibri web interface. At the top, a purple header bar contains a hamburger menu icon, the word "Device", and a user profile icon labeled "admin" with a dropdown arrow. Below the header, there are three tabs: "CONTENT" (with a grid icon), "PERMISSIONS" (with a lock icon), and "INFO" (with an information icon and a purple highlight). The "INFO" tab is active, displaying a white box titled "Device Info". Inside this box, various system details are listed in a two-column format.

<b>Kolibri version</b>	0.7.0
<b>Server URLs</b>	<a href="http://10.208.1.64:8080/">http://10.208.1.64:8080/</a> <a href="http://192.237.248.135:8080/">http://192.237.248.135:8080/</a>
<b>Database path</b>	/var/www/.kolibri/db.sqlite3
<b>Device name</b>	kolibridemo
<b>Operating system</b>	Linux-4.4.0-75-generic-x86_64-with-Ubuntu-16.04-xenial
<b>Free disk space</b>	290 GB
<b>Server time</b>	7:47:53 PM GMT+1 on January 6, 2018
<b>Server timezone</b>	Etc/UTC

Fig. 9: Find out the detailed device info in the Device > Info tab.

### 3.3.3 Manage Content

**Note:** To manage Kolibri content channels you must have the appropriate permissions.

Kolibri **Content Channel** is a collection of educational resources (video, audio or document files) prepared and organized by the content curator for their use in Kolibri. You can import and export content channels in Kolibri from the **Content** tab of the **Device** dashboard ( icon).

The screenshot shows the Kolibri Device dashboard. At the top is a purple header bar with a menu icon, the text 'Device', and a user profile 'admin'. Below the header are three tabs: 'CONTENT' (selected), 'PERMISSIONS', and 'INFO'. The 'Content' section displays a list of content channels. Each channel entry includes an icon, the channel name, version, resource size, and a 'DELETE' button. The channels listed are 'CK-12 Testing' (Version 1, 11 MB resources, (No description)) and 'Khan Academy Testing' (Version 32, 42 MB resources, Kolibri Testing Channel). At the top right of the content section, there are 'IMPORT' and 'EXPORT' buttons.

Each Kolibri content channel has its own **token/ID** in [Kolibri Studio](#). You can freely view and browse content to import from the **public** channels in Kolibri, but in order to import content from **private or unlisted** channels, you will need the **channel token or ID from the content curator who assembled it**.

**Warning:** The term **Channel ID** was valid for Kolibri versions up to 0.6, while from the Kolibri version 0.7 onward, we will start using exclusively the term **token** to uniquely designate each channel.

#### Import Content into Kolibri

**Warning: Important:** You **cannot** import your own files (videos, documents, etc.) as learning resources directly into Kolibri from your computer. Kolibri can **only** import content from:

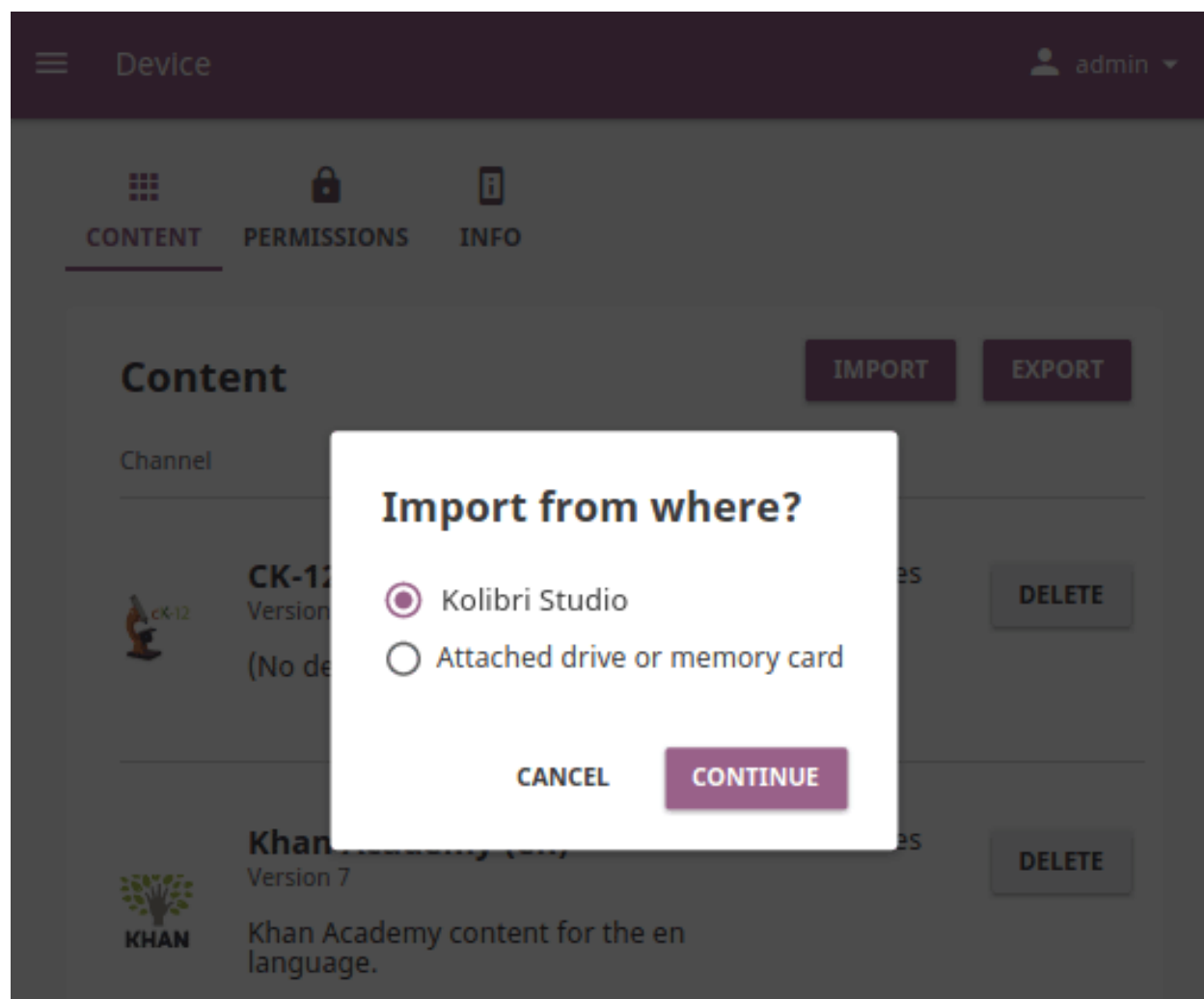
- already curated **content channels** on [Kolibri Studio](#), if the computer running Kolibri is connected to internet
- OR
- an external storage drive (USB or hard drive) where content channels have been previously exported to from another Kolibri installation, if the computer running Kolibri is not connected to internet

**To import your own files for use in Kolibri**, you need to register at [Kolibri Studio](#) site (it's free), and build your own content channel that you can subsequently import into Kolibri. Read more about how to do this in our [Kolibri Studio user guide](#).

**Tip:** As a precaution, we recommend you avoid other interactions with Kolibri (view learner pages or manage users, for example) while content import is in progress.

To import content into Kolibri, follow these steps.

1. Click **Import** button in the **Content** page.
2. Choose the source option: **Kolibri Studio** or **Attached drive or memory card**.

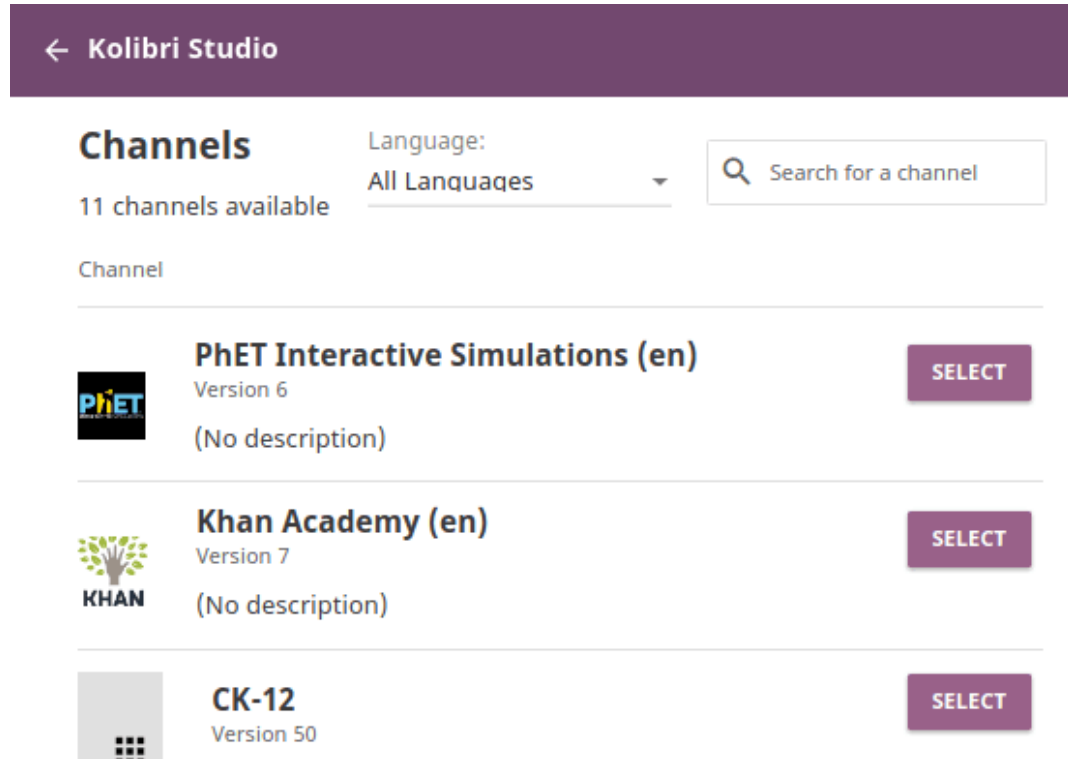




## Import Content from Kolibri Studio

If the computer where Kolibri is running has an Internet connection with the sufficient bandwidth, follow these steps to import content channels.


1. Choose option *Kolibri Studio*, and you will be able to see all the available **public** content channels.



2. Click **Select** button for the desired channel, and wait for Kolibri to display the channel information and the topic tree.
3. In the **Select content** page you will see all the details of the selected channel: description, version, total size and number of learning resources, with the information whether you have some of the resources from that channel already imported on the local device.

←
Select content

Channel up-to-date



## African Storybook

Version 14

Early age story books in African mother tongue languages.

	Resources	Size
Total size	4,513	13 GB
On your device	0	0 B

**Choose content to import**

Resources selected: 2 (10 MB)
IMPORT
Your remaining space: 83 GB

---

[African Storybook](#) › [Acholi](#) › Level 1

☐ Select all

☒ Apwoyo Gin Ki Laluu Gu Pitu Cam

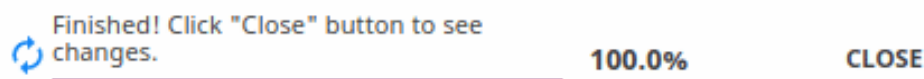
☒ Awobi Ma Lagem

☐ Kuma

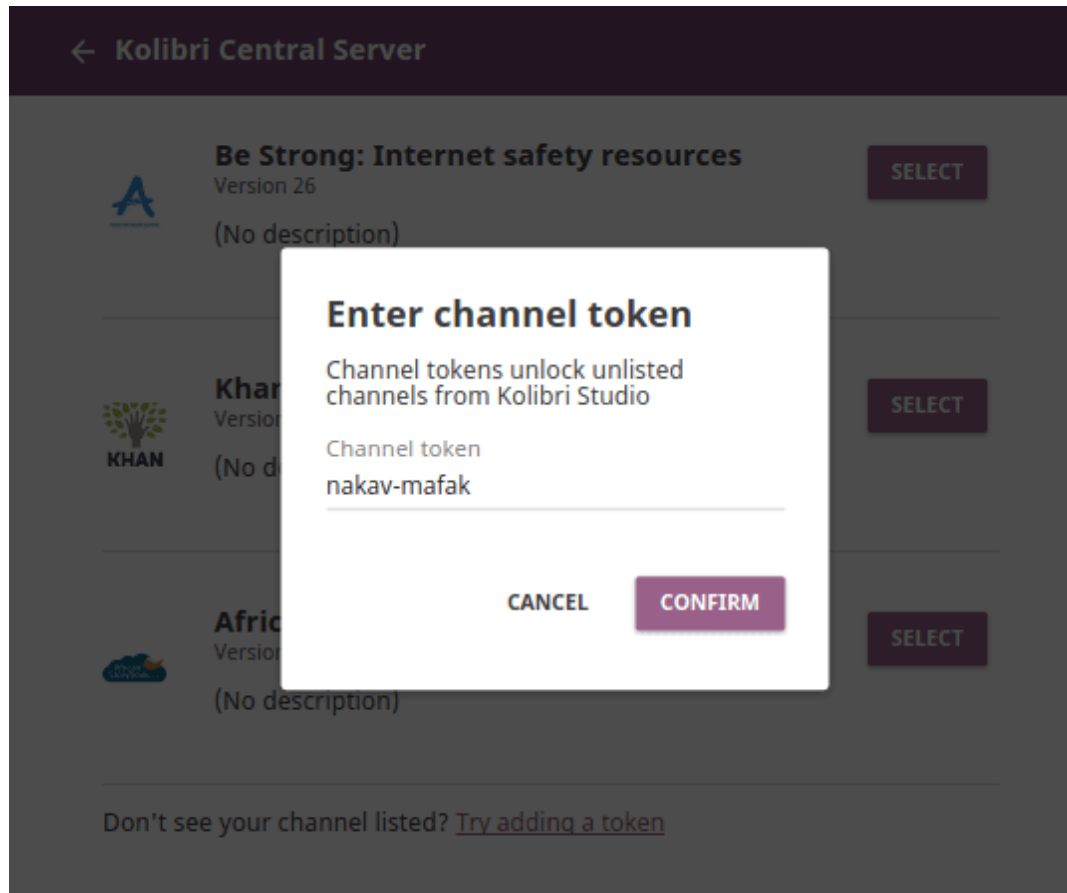
1 resource selected

1 resource selected

4. Under **Choose content to import** you can browse the channel topics and individual resources. Use the *Select all* checkbox to import the content channel in full, or select only certain topics or resources. As you keep selecting, you will see the total number and size on disk under *Resources selected*;, and the remaining space on your device.
5. Click **Import** button once you finish selecting all the desired content.
6. Wait for the content to be downloaded and click **Close** for the new channel to appear under the **Content** heading.



7. If you need to import content from a **private/unlisted** channel, scroll to the bottom of the *Kolibri Studio* page.
8. Click on **Try adding the token** link, and enter the **channel token/ID** received from the channel curator on Kolibri Studio.



9. Click **Confirm** to unlock channel, or **Cancel** to exit.
10. Proceed to select and import channel topics and resources as for the public channels.

### Import Content from a Local Drive

If the computer where Kolibri server is running does not have access to Internet or has insufficient bandwidth, you have the option to receive content channels stored on an external drive (USB stick or hard disk). Follow these steps to import content channels.

1. Connect the external USB drive to your computer.
2. Choose option for *Attached drive or memory card*, and click **Continue**.
3. Kolibri will automatically detect and display the drive(s) with available Kolibri content files.
4. Select the drive where the desired channel is stored, and click **Continue**.
5. Click **Select** button for the desired channel, and follow the same steps for selecting topics and resources as for the *import from Kolibri Studio*.

← Import from /media/didivm/TOSHIBA

## /media/didivm/TOSHIBA

5 channels available

Language:

All Languages



Search for a channel...

Channel



### Khan Academy Testing

Version 32

Kolibri Testing Channel



On your device

SELECT



### CK-12 Testing

Version 1

(No description)



On your device

SELECT



### Minimum Testing Channel

Version 6

(No description)

SELECT

#### Tip: Workaround for import from external drive on older devices.

If Kolibri is installed on an older or a low-resource device, you can try the following procedure for importing content channels for faster results.

1. Stop Kolibri.
2. Browse the local drive with the file explorer of your operating system.
3. Copy the `content` folder located inside the `KOLIBRI_DATA` folder on the local drive.
4. Paste the copied `content` folder inside the `.kolibri` folder on your hard disk. The location of the `.kolibri` folder will depend on your operating system (see the table below).
5. Confirm the merge of the two folders.
6. Restart Kolibri, and the new channels should now be available.

Operating system	Location
Windows	C:/Users/<your_username>/.kolibri/
OSX	HD/Users/<your_username>/.kolibri/
Linux	/home/<your_username>/.kolibri/

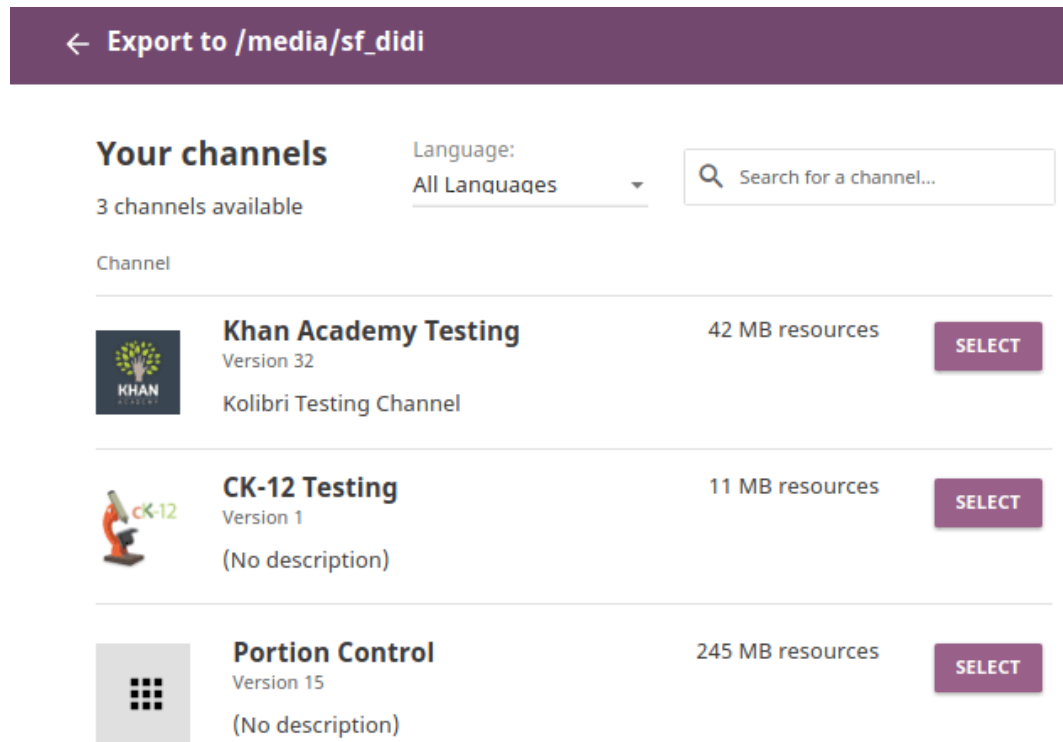
On Linux and OSX you will need to enable the **Show hidden folders** option in order to view the `.kolibri` folder.

## Export from Kolibri to Local Drive

If you want to make available the content you have imported on your Kolibri device, to another computer where Kolibri is installed, follow these steps to export your content channels.

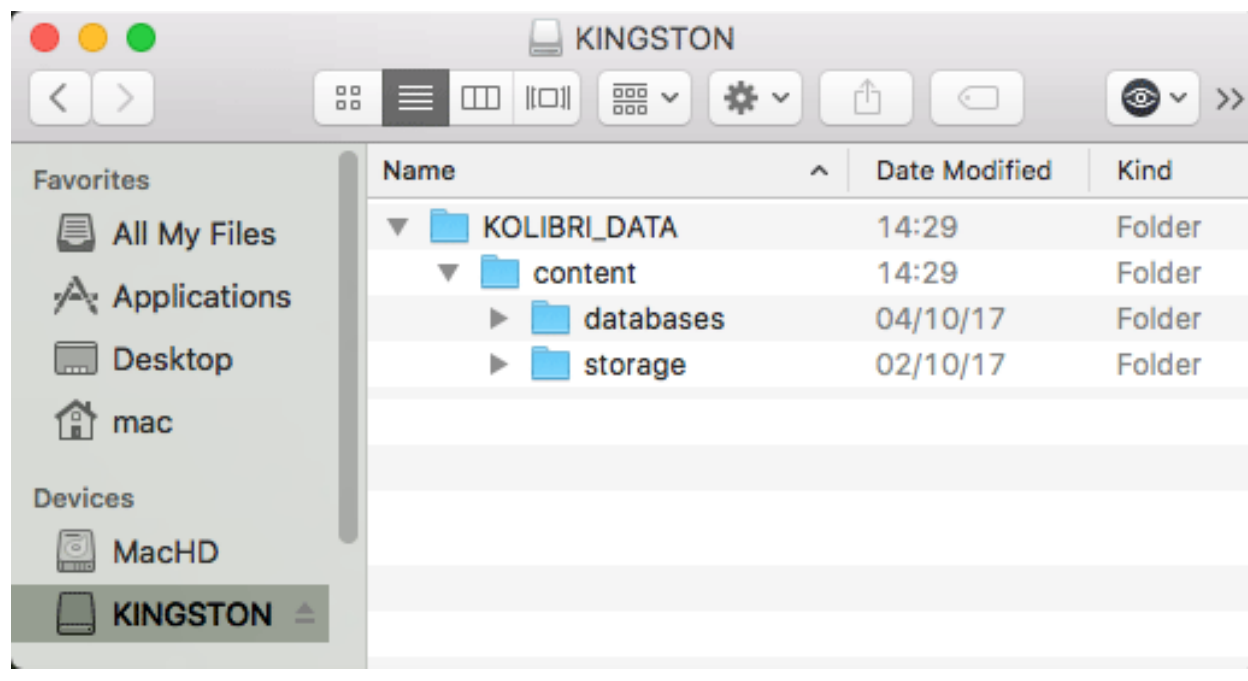
**Note:** You must have an external drive (USB stick or hard disk) attached to your device.

1. Click **Export** button in **Content** page.
2. Select the local drive (export destination) where you wish to export **Kolibri** content, and click **Continue**.
3. In the *Export to <name-of-your-drive>* page you will be able to see all the available content channels on your device.



4. Click **Select** button for the desired channel, and wait for Kolibri to display the channel information and the topic tree.
5. In the **Select content** page you will see all the details of the selected channel: description, version, total size and number of learning resources.
6. Under **Choose content to export** you can browse the channel topics and individual resources. Use the *Select all* checkbox to import the content channel in full, or select only certain topics or resources. As you keep selecting, you will see the total number and size on disk under *Resources selected:*, and the remaining space on the destination drive.
7. Click **Export** button once you finish selecting all the desired content.
8. Wait for Kolibri to export the selected content and click **Close**.
9. Once the export is finished, safely disconnect the drive according to the recommended procedure for your operating system, and proceed to import channels on other devices.

**Note:** This procedure makes a copy of the `content` folder located inside the `.kolibri` folder on your hard disk, and places it the `KOLIBRI_DATA` folder on the selected local drive. This structure is recognized by the **Import from local drive** command.



## Peer-to-Peer Content Synchronization

Stay tuned!

### 3.3.4 Manage Facility

You can edit facility configuration settings in Kolibri from the **Configuration** tab in your **Facility** dashboard.

1. Activate the options you want to make available for the users of your facility. You have the possibility to allow users to:
  - edit their full names and usernames
  - sign in without password (except Admin users)
  - download content items (videos, documents, etc.) on their own devices
  - allow guests to sign up and use Kolibri
2. Click **Save changes** to apply and finish.

Facility

admin

CLASSES USERS **SETTINGS** DATA

## Facility settings

Configure and change different facility settings here.

### Your current facility

DidiVM School

### Facility settings

- ☒ Allow learners and coaches to edit their username
- ☒ Allow learners and coaches to edit their full name
- ☒ Allow learners to sign-up on this device
- ☐ Allow learners to sign in with no password
- ☐ Show 'download' button with content

RESET TO DEFAULT SETTINGS SAVE CHANGES

**Note:** To manage facility settings in Kolibri you must sign in as **Super user** or **Admin**.

### 3.3.5 Manage Users

You can search for, filter, add, and edit user accounts in Kolibri from the **Users** tab in your **Facility** dashboard.

Facility

admin

CLASSES

**USERS**

SETTINGS

DATA

All ( 8 )

User type

All

Search for a user...

ADD NEW

Full name	Username	
<div>Abby L.</div> <div>Coach</div>	abbyl	MANAGE
<div>Carol H.</div>	carolh	MANAGE
<div>Carrie W.</div> <div>Facility coach</div>	carriew	MANAGE
<div>Didi N.</div> <div>Admin</div>	admin	MANAGE
<div>John C.</div>	johnc	MANAGE

**Note:** To manage Kolibri users you must sign in as **Super user** or **Admin**.

### Create a New User Account

To create a new user account, follow these steps.

1. Click **Add New** button.
2. Fill in the required information (name, username, password).
3. Select user profile (*Admin*, *Coach* or *Learner*).
4. Click **Create Account** to add the new user.



**Add new account**

Full name  
Peter B.

Username  
peterb

Password  
.....

Re-enter password  
.....

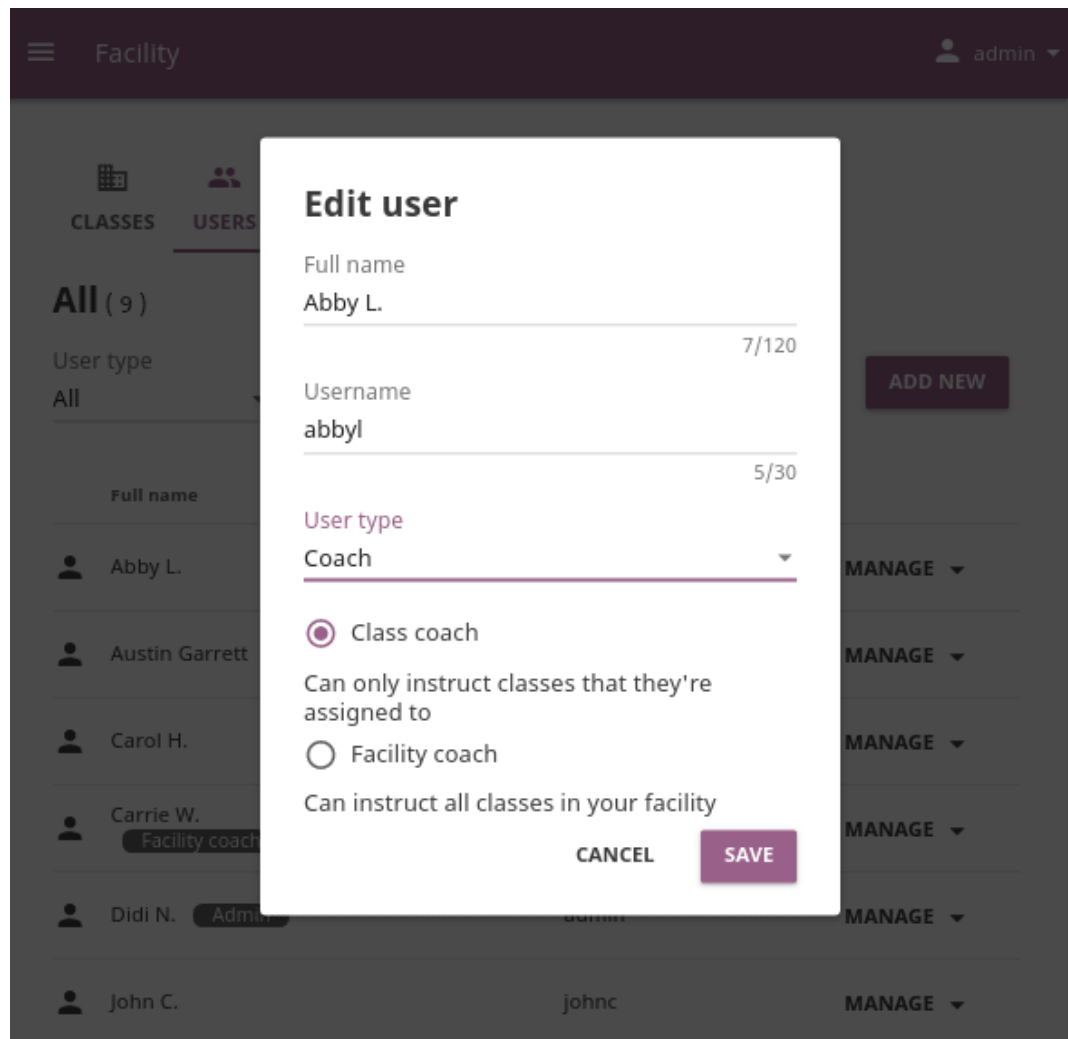
Type of user  
Learner

Learner  
Coach  
Admin

### Coach Type

When you create a new *Coach* user account, or change the role to *Coach* for an existing user, you can choose between:

- **Class coach**, that will have access to the coach dashboard and permissions to instruct **ONLY** the learners in the classes they are assigned to.
- **Facility coach**, that will have access to the coach dashboard and permissions to instruct **ALL** the classes and the learners in the facility.



**Tip:** You can change the role of an advanced *Learner* user to *Class coach* to help you manage the instruction of the rest of the learners in that class.

### Select Users by Type

1. Click **All Users** selector to display user types.
2. Toggle between options to filter the user roster according to type, or leave it as **All Users** to display all.

**All ( 8 )**

User kind  
All

Search for a user...

ADD NEW

Full name	
Abby L.	MANAGE
Didi N.	MANAGE
Carrie W.	MANAGE
John C.	MANAGE

admin Admin

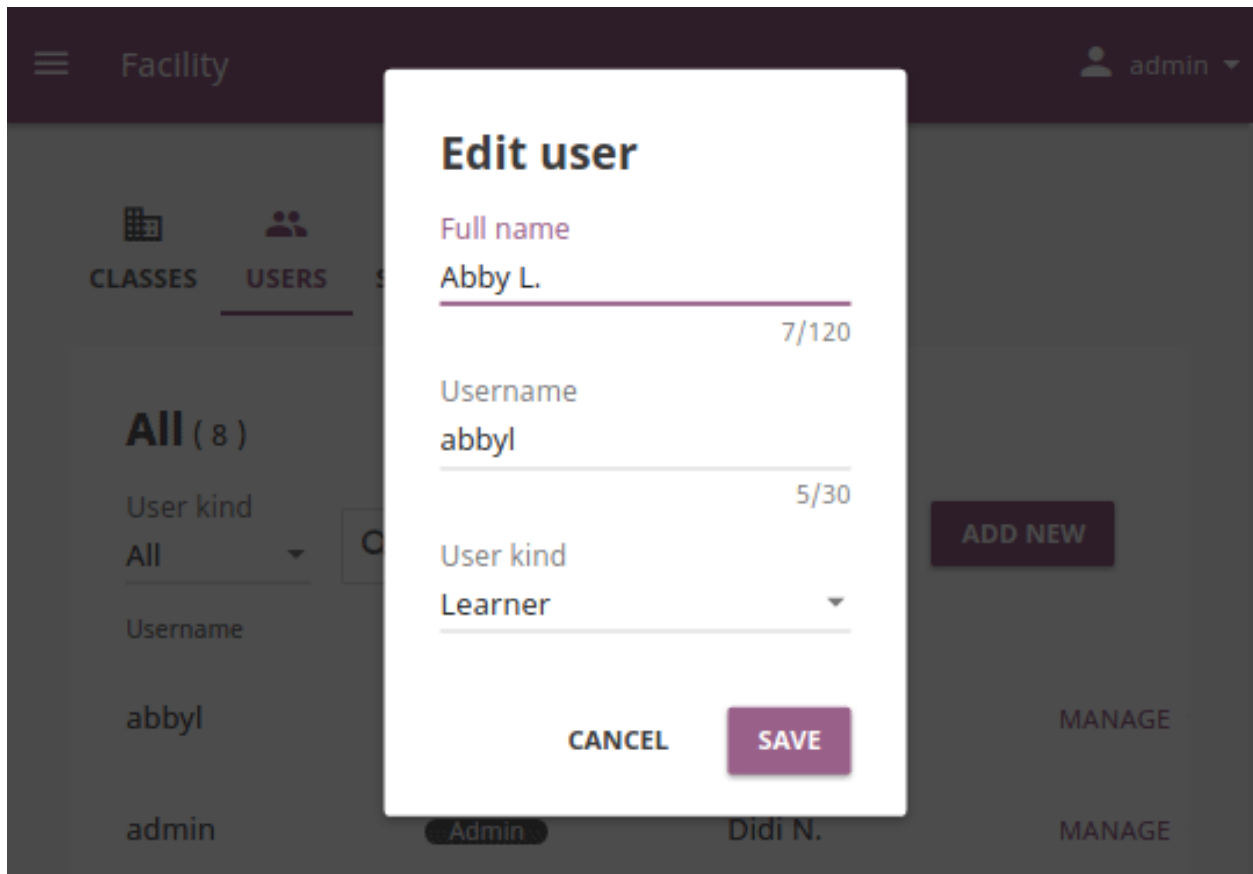
carriew Coach

johnc

### Edit User's Account

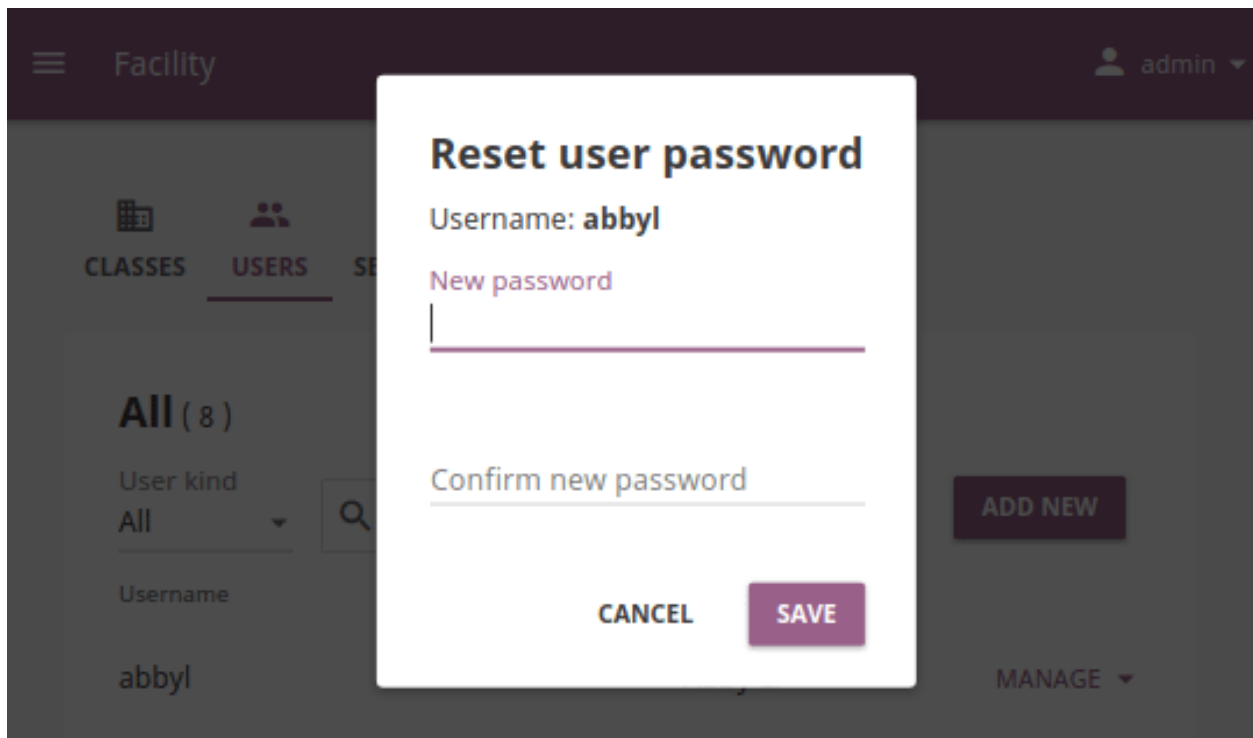
To edit username, full name or account type, follow these steps.

1. Click on the **Manage** button for the desired user and select the **Edit** option.
2. Edit **Full name** or **Username** in the **Edit user** window.
3. Click **Save** to update the edited information, or **Cancel** to exit without saving.



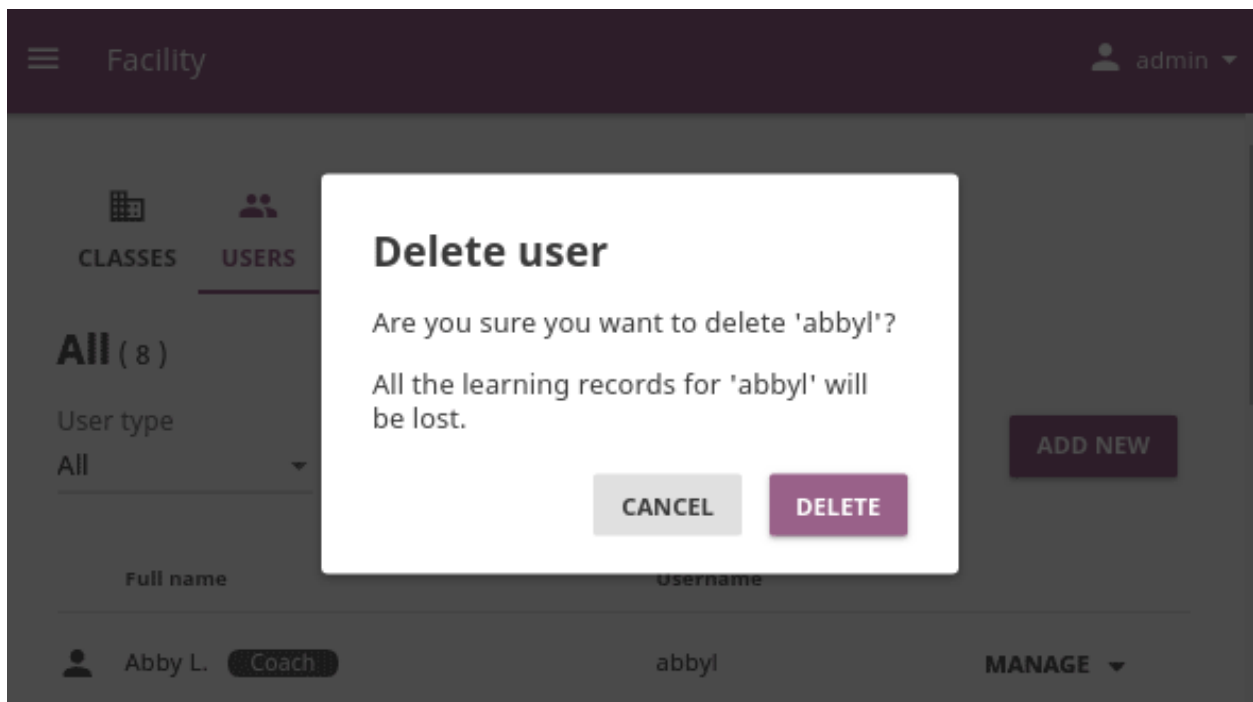
### Reset User's Password

1. Click on the **Manage** button for the desired user and select the **Reset password** option.
2. Enter the new password in both fields.
3. Click **Save** to confirm, or **Cancel** to exit without changing the password.



### Delete User's Account

1. Click on the **Manage** button for the desired user and select the **Delete** option.
2. Click **Delete** to confirm, or **Cancel** to exit without deleting the account.







**Warning:** When you delete a user, all their learning records will be erased from the database.

### 3.3.6 Manage Classes

You can view, create and delete classes, as well as search, filter and enroll Kolibri users in them, using the **Classes** tab in your **Facility** dashboard. Default view displays the list of all classes in your facility, with the number of enrolled users for each class.

The screenshot shows the Kolibri Facility dashboard. At the top, there's a purple header bar with a hamburger menu icon, the word "Facility", and a user profile icon labeled "admin" with a dropdown arrow. Below the header, there's a navigation bar with four tabs: "CLASSES" (highlighted with a purple background and a building icon), "USERS" (with a group of people icon), "SETTINGS" (with a gear icon), and "DATA" (with a document icon). The main content area is titled "Classes" in a large font, with a subtitle "View and manage your classes". To the right of the title is a purple button labeled "NEW CLASS". Below the title, there's a table with four columns: "Class name", "Coaches", "Learners", and "Actions". The table lists four classes: "Cuarta B", "Primera A", "Teatro II", and "Third C". Each class row has a building icon to the left of the class name, a hyphen in the Coaches column, a number in the Learners column, and a "DELETE CLASS" button in the Actions column.

Class name	Coaches	Learners	Actions
 <a href="#">Cuarta B</a>	-	8	DELETE CLASS
 <a href="#">Primera A</a>	-	5	DELETE CLASS
 <a href="#">Teatro II</a>	-	6	DELETE CLASS
 <a href="#">Third C</a>	-	4	DELETE CLASS

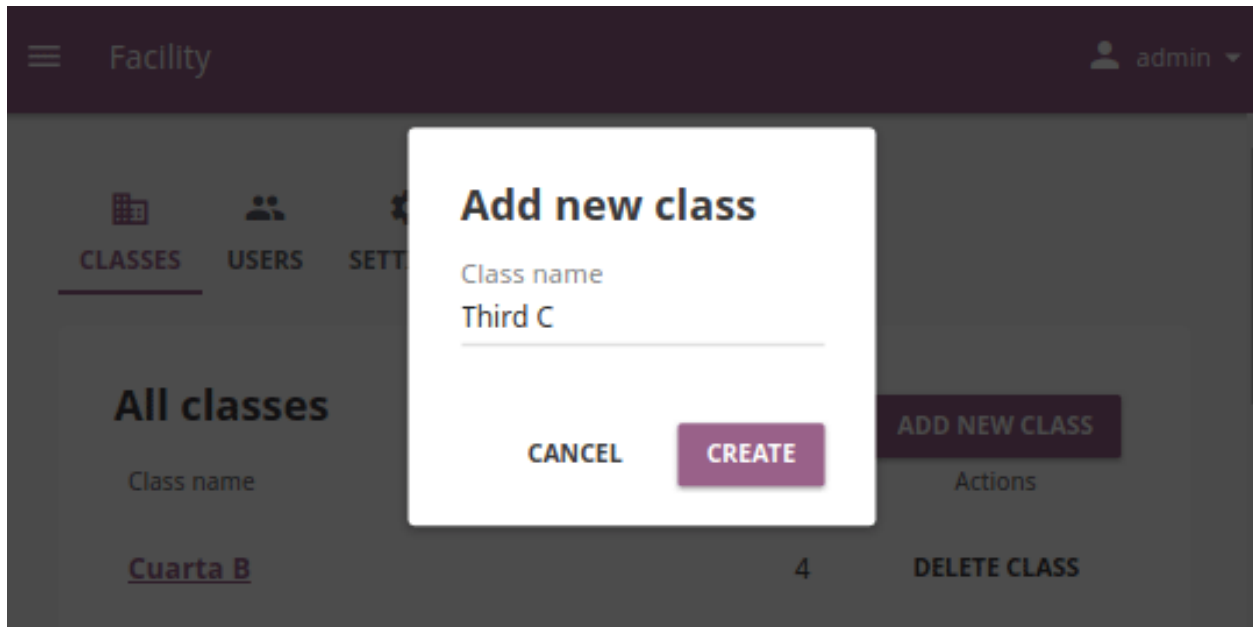
**Note:** To manage Kolibri classes you must sign-in as **Super user** or **Admin**.

#### Add New Class

To add a new class, follow these steps.

1. Click **New class** button.

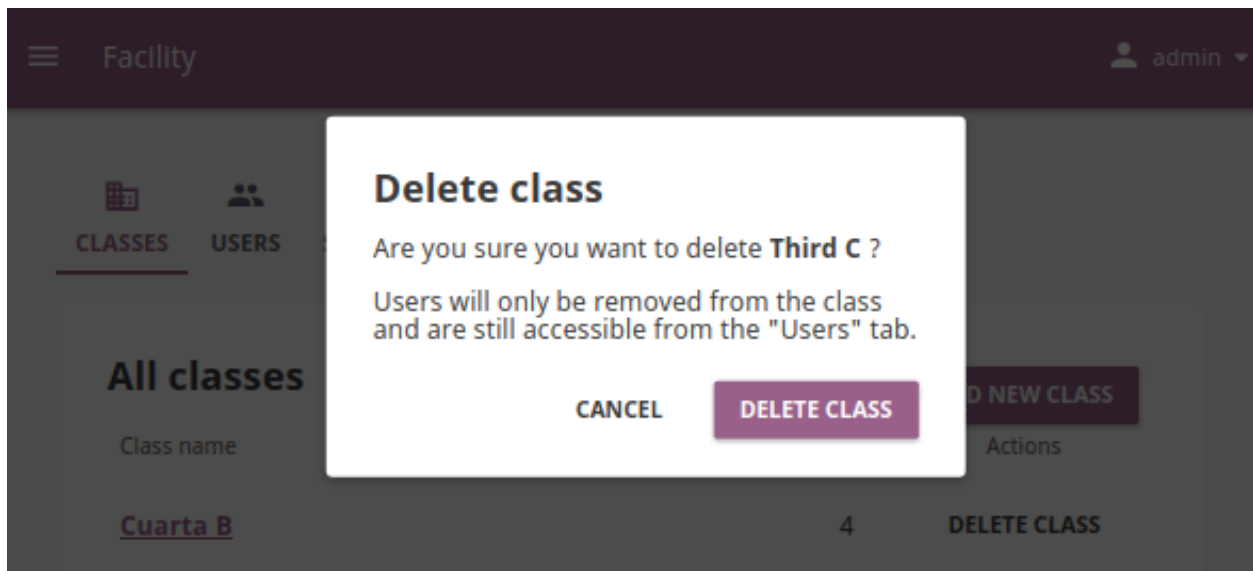
2. Fill in the class name.
3. Click **Create** to add the new class, or **Cancel** to exit.



### Delete Class

To delete class, follow these steps.

1. Click **Delete class** button for the chosen class from the list.
2. Click **Delete class** in the confirmation window to proceed, or **Cancel** to exit without deleting the class.



**Note:** Users enrolled in the class you are deleting will not be removed from the database.

## Edit Class, Learners and Coaches

A newly created class does not have any learners or coaches. To edit a class select it from the default view in the **Classes** tab. In this view, you can change class name, add or remove currently enrolled learners and assign or remove coaches from the class.

Facility admin

CLASSES USERS SETTINGS DATA

Third C

Manage class coaches and learners

ASSIGN COACHES ENROLL LEARNERS

Coaches

Full name	Username
You don't have any assigned coaches	

Learners

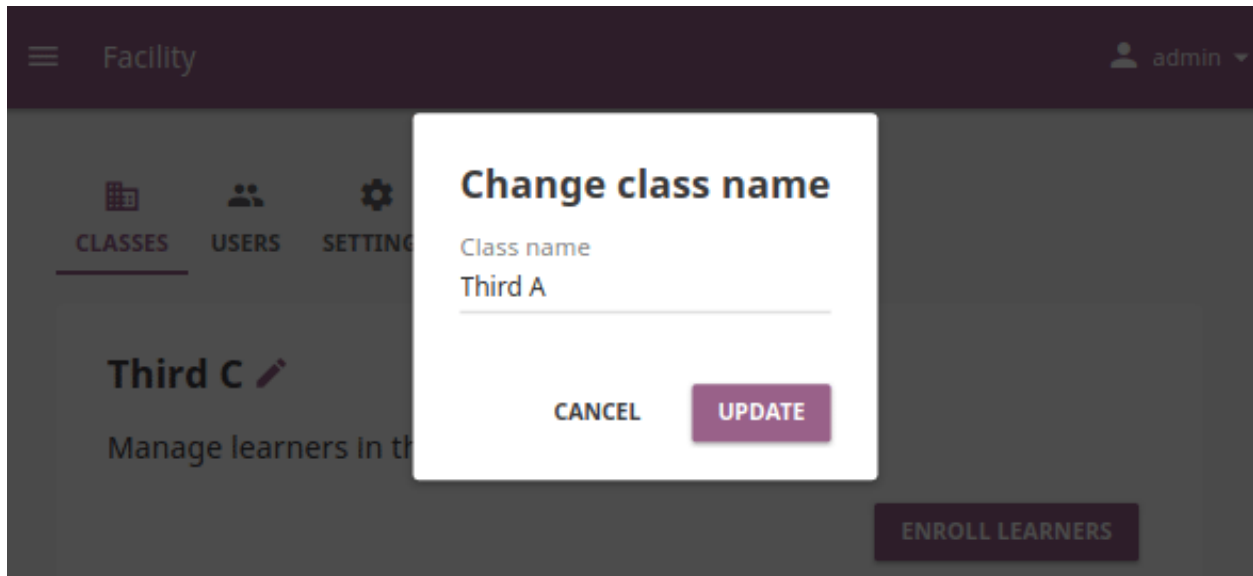
Full name	Username
You don't have any enrolled learners	

### Change Class Name

To edit class name, follow these steps.

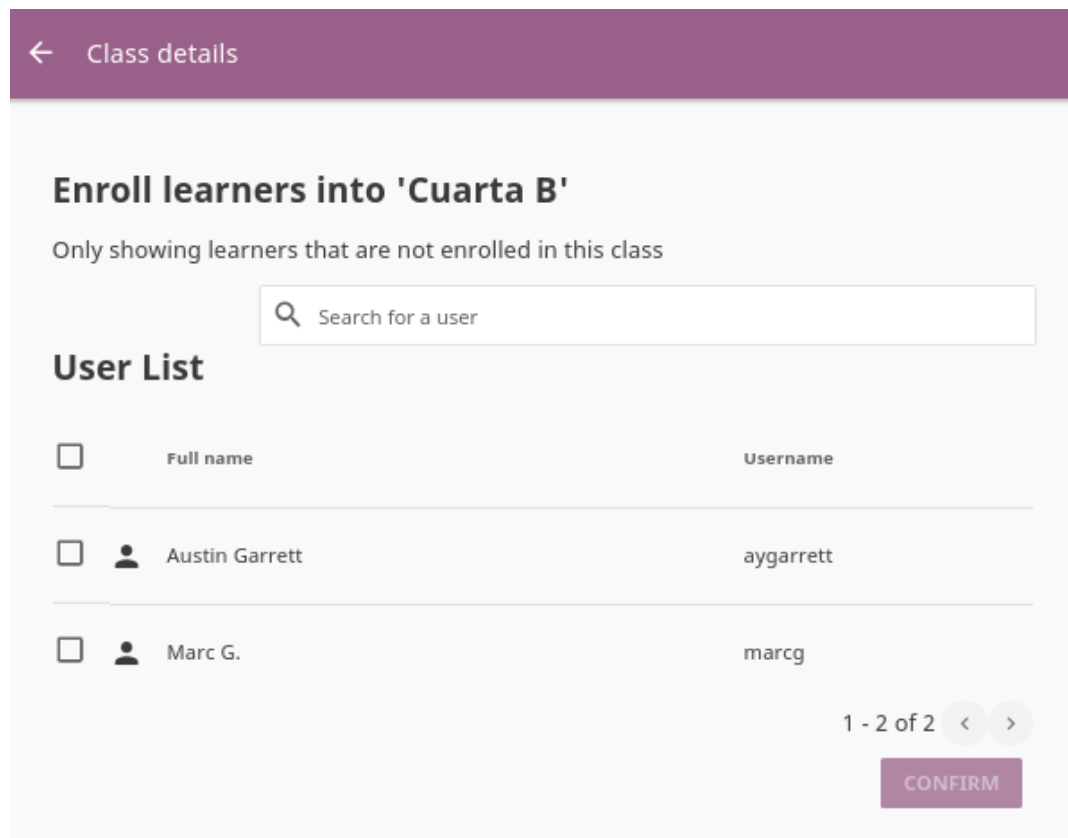
1. Click on the **Edit** button ( ) next to the class' name.
2. Write the new name in the **Class name** field.
3. Click **Update** to confirm the edited information, or **Cancel** to exit without saving.





### Enroll Learners in Class

1. Click the **Enroll learners** button on the class details page.

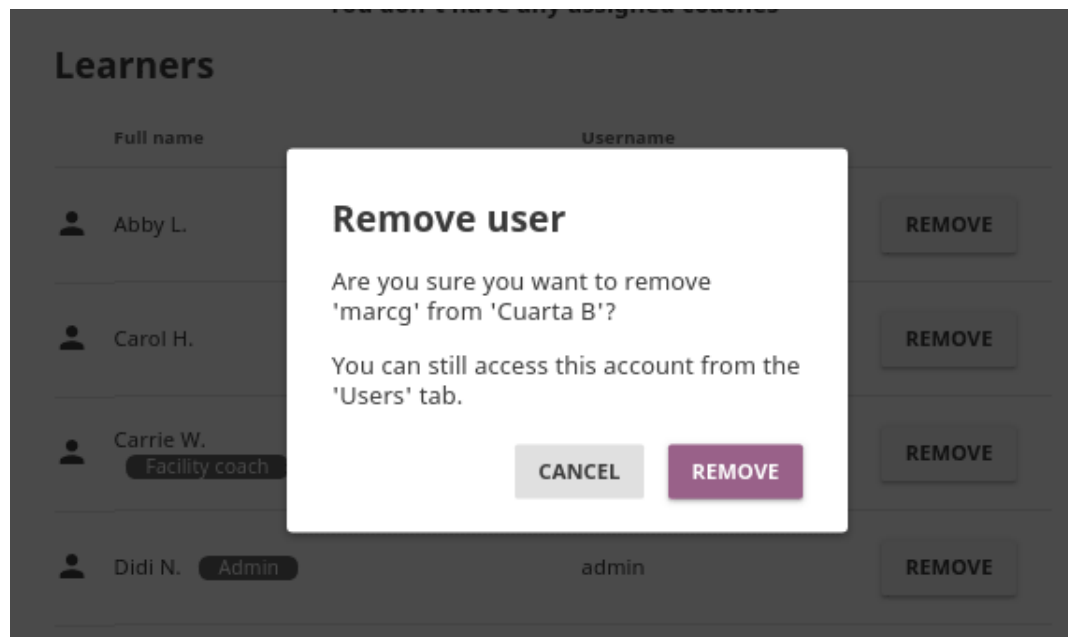


- List in this view contains all the learners currently **NOT** enrolled for the selected class.
- You can search for a specific learner by name.

2. Use checkboxes to select all the learners in the list, or the search field for specific learners you want to enroll to class.
3. Click **Confirm** button to finish enrolling the selected learners.

### Remove Learners from Class

1. Click **Remove** button for the chosen learner.
2. Click **Remove** to confirm, or **Cancel** to exit without removing the learner.



---

**Note:** Learners removed from the class will not be deleted from the database, and you can still access their accounts from the **Users** tab in the **Facility** dashboard.

---

### Assign Coaches to Class

1. Click the **Assign coaches** button on the class details page.




← Class details

## Assign a coach to 'Cuarta B'

Showing coaches that are not assigned to this class

Search for a user

### User List

<input type="checkbox"/>	Full name	Username
<input checked="" type="checkbox"/>	 Abby L. <span>Coach</span>	abbyl
<input type="checkbox"/>	 Carrie W. <span>Facility coach</span>	carriew
<input type="checkbox"/>	 Didi N. <span>Admin</span>	admin

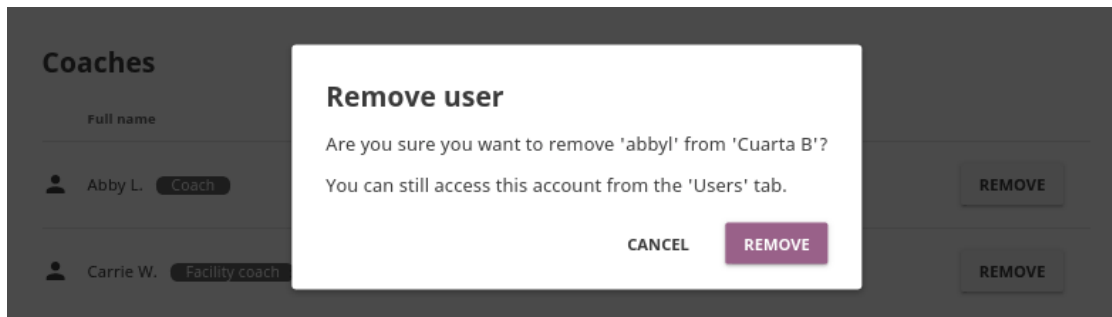
1 - 3 of 3
<
>

CONFIRM

- List in this view contains all the users with *Coach*, *Facility coach* or *Admin* roles.
  - You can search for a specific user by name.
- Use checkboxes to select all the user in the list, or the search field for specific users you want to assign as a coach to class.
  - Click **Confirm** button to finish.

### Remove Coaches from a Class

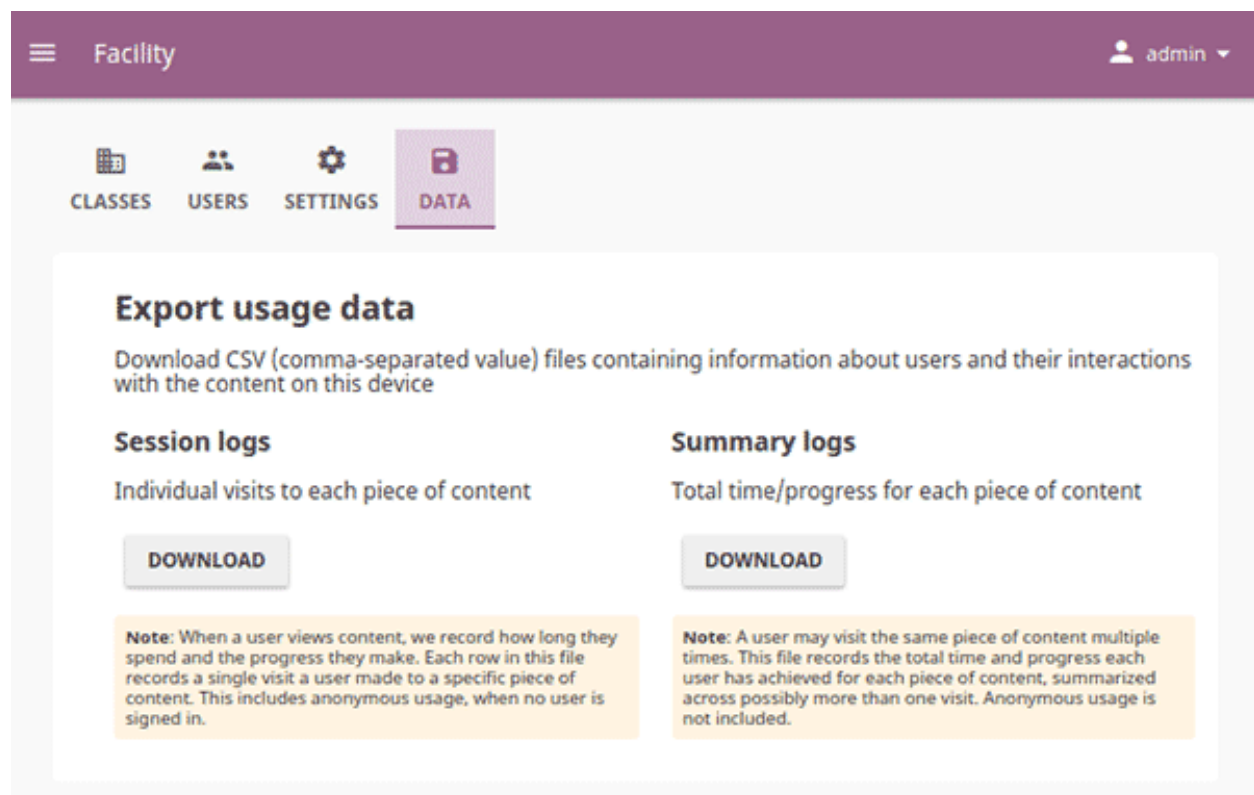
- Click **Remove** button for the chosen user.
- Click **Remove** to confirm, or **Cancel** to exit without removing the coach.



**Note:** Coaches removed from the class will not be deleted from the database, and you can still access their accounts from the **Users** tab in the **Facility** dashboard.

### 3.3.7 Manage Data

You can download Kolibri *Detail* and *Summary* logs usage data and export in the CSV format from the **Data** tab in your **Facility** dashboard.



**Note:** To manage Kolibri users you must sign-in as **Super user** or **Admin**.

### 3.3.8 Working with Kolibri from the Command Line

**Warning:** In Windows you need to open `cmd.exe` Command prompt in the folder where Kolibri executable is located: `c:/Python27/Scripts`.

*Make sure not to include the angle brackets "< >" in the commands below.*

If you see errors in the prompt/terminal output while running the commands below, ask for help at our [Community Forums](#), or [file an issue on GitHub](#).

#### Start/Stop Kolibri

In case you need to troubleshoot potential problems while running Kolibri, you may try to start it manually from the command line.

```
kolibri start --debug --foreground
```

```
kolibri stop
```

#### Run Kolibri from a Different Port

If you need to change the default port 8080 from which Kolibri is serving content, add the following flag to the previous command.

```
kolibri start --port <new-port-number>
```

#### Import Content Channels from Internet

To import content channels from Internet, run these two commands in sequence. The first downloads the channel database, and the second downloads the resources (videos, documents, etc.).

```
kolibri manage importchannel -- network <Channel ID>
kolibri manage importcontent -- network <Channel ID>
```

#### Export Content Channels

To export Kolibri content channels on a local drive in order to share it with another device, run these two commands in sequence. The first exports the channel database, and the second exports the resources (videos, documents, etc.).

```
kolibri manage exportchannel -- <Channel ID> /path/to/local/drive/KOLIBRI_DATA
kolibri manage exportcontent -- <Channel ID> /mount/mydrive/KOLIBRI_DATA
```

The path should be to a folder named `KOLIBRI_DATA` at the root of the local drive, so it will get picked up later for importing via the Web UI.

### Create a New Super User

In case you need to create another Super user, either to address additional need of managing facility, or if you lost the password for the old one, run the following command:

```
kolibri manage createsuperuser
```

You will be prompted to input the **Username** and **Password** and the new **Super user** user account will be created.

### Change Language

```
kolibri language setdefault <langcode>
```

Language	<langcode>
English	en
Spanish (Spain)	es-es
French	fr
Swahili (Tanzania)	sw-tz
Arabic	ar
Farsi	fa
Urdu (Pakistan)	ur-pk

### Backup and Restore Kolibri Database

Kolibri automatically creates a backup of the database with every version upgrade. If for some reason you need to make a manual backup, use the following command.

```
kolibri manage dbbackup
```

This command will create a time-stamped `.dump` file in the `./kolibri/backups` folder that you can use to restore the database with the following command.

```
kolibri manage dbrestore --latest
```

If you need to restore a backup version prior to the latest one, you must specify the full path to a specific `*.dump` file.

```
kolibri manage dbrestore ~/.kolibri/backups/db-xxxx.dump
```

**Warning:** This command is not intended for replication across different devices, but **only** for restoring on a single device from a local backup of the database.

### Change the Location of ALL Kolibri Files

If you want to change the directory where all of Kolibri's runtime files go, the imported content channels, you need to change the environment variable called `KOLIBRI_HOME` to the path of your choice.

If the variable is left unset, by default, Kolibri's runtime files and content will be placed in your user's `Home` folder, under the `.kolibri` subfolder.

There are many ways to set an environment variable either temporarily or permanently. To start Kolibri on **OSX** or **Linux** with a different home, follow these steps.

1. Stop the server.
2. Move the `.kolibri` folder to the new location.
3. Run the following in Terminal:

```
KOLIBRI_HOME=/path/to/new/home kolibri start
```

When you start the server again, all your files should be seamlessly detected at that location.

To change the environment variable `KOLIBRI_HOME` on **Windows**, follow these steps.

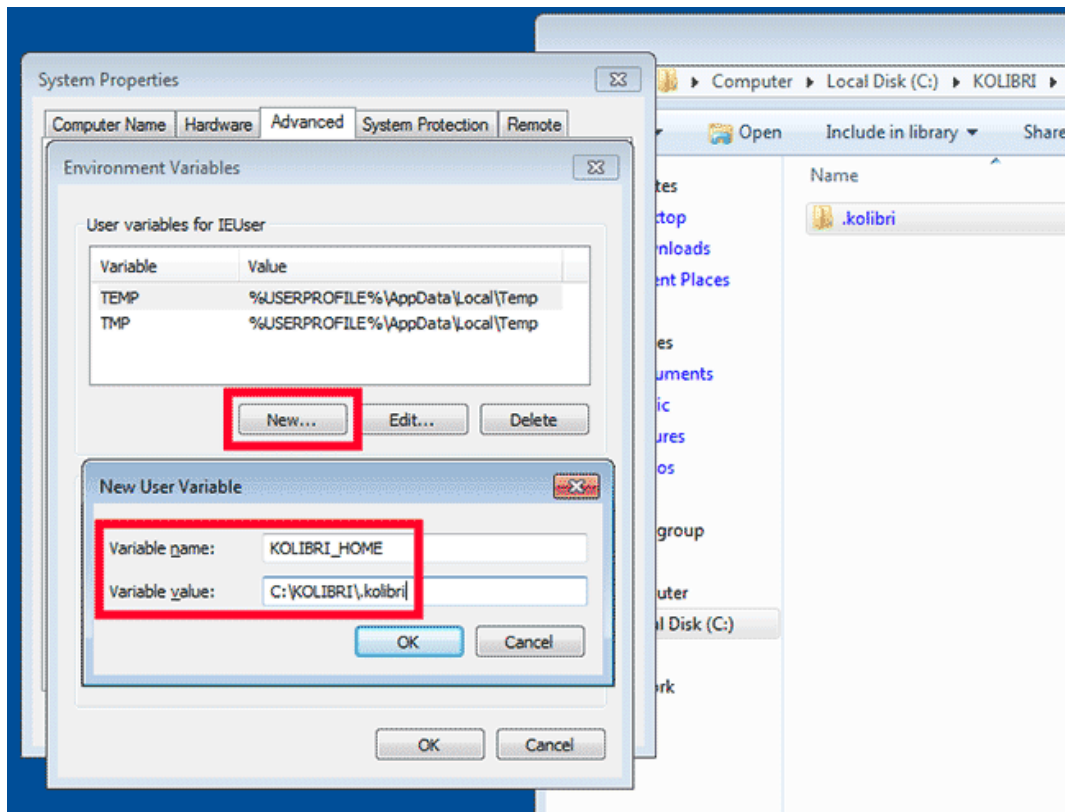
1. Stop the server.
2. Move the `.kolibri` folder to the new location.
3. Run the following in Command Prompt:

```
setx KOLIBRI_HOME "/path/to/new/home"
```

Restart the server, and your files should be seamlessly detected at the new location.

Alternatively, you can follow these steps in the GUI.

1. Go to **Computer > Advanced System Settings** and press the **Environment Variables** button.
2. Under **User Variables for...** press the **New...** button.
3. Input the new path and press **OK** on both open windows.



4. Restart Kolibri.

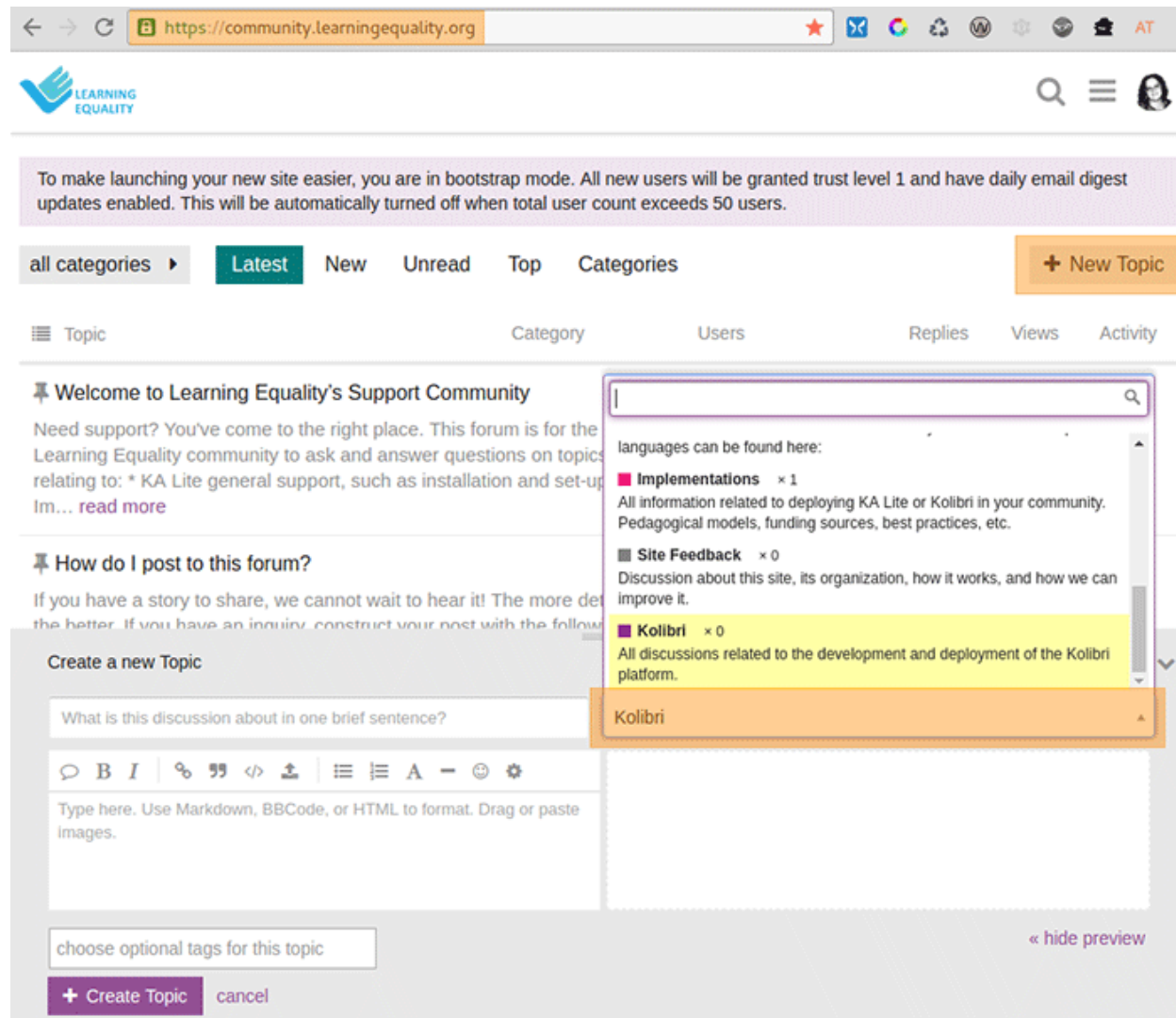
### 3.3.9 Support and Troubleshooting

#### Report a problem with Kolibri

If you want to contact the **Learning Equality** Support team to report an issue, or share your experience about using Kolibri, please register at our [Community Forums](#).

Once you register on our forums, please read the the first two pinned topics (*Welcome to LE's Support Community* and *How do I post to this forum?* )

You can add a new topic with the **+ New Topic** button on the right. Make sure to select the **Kolibri** category in the **Create a New Topic** window so it's easier to classify and respond to.



Our technical users, including software developers, should follow the instructions on our [Developer documentation](#) for reporting bugs.

#### Troubleshoot Network Issues

1. Can you access Kolibri when you type `http://127.0.0.1:8080` in the address bar of the browser?



2. Can you access anything from the *external IP* of the device running Kolibri **FROM** the device itself?
3. Can you ping the external IP address from another device on the network? For example, if Kolibri is on a device/computer with IP address 192.168.0.104, type this in the Terminal or Command prompt:

```
ping 192.168.0.104
```

## About IP addresses

- 0.0.0.0 = A special IP address on the **server** (your device running Kolibri and “serving” its content to others in the local network), which actually means “all available IP addresses”. It’s a kind of alias. But accessing 0.0.0.0 from another computer doesn’t make sense and doesn’t work. By default, Kolibri will serve on 0.0.0.0, which essentially means all IP addresses that are available on the device will render Kolibri accessible.
- 127.0.0.1 = A device’s local IP address, meaning “myself”. Some people joke and say “There’s no place like 127.0.0.1”, meaning “there’s no place like home” :) This can be used on the serving device itself to test that Kolibri is running, in case you need a failsafe way of checking that Kolibri is in fact running and responsive.
- 192.x.y.z = Addresses starting with 192 are local network IP addresses. The same thing can be said about 10.x.y.z. The address that you wanna use to enter on the clients/tablets in order to contact the server will in most cases start with 192 or 10.
- Port number: Kolibri runs on port 8080. When you access something on an IP address, you need a port. Ports can be open or closed on the server, but they can also be regulated by firewall rules on the way. `http://` <- this is the protocol that the browser reads out from the “URL”, which is just some text that describes Kolibri.
- `http://192.168.1.1:8080` means: “Connect to IP address 192.168.1.1 on port 8080 with the HTTP protocol”. The browser will then continue to try to reach this address, but may fail for instance if Kolibri isn’t running, or if a step along the way blocks access.

## Locate Kolibri log files

When you report a problem with Kolibri, we may ask you to send us Kolibri **log** files to help us find out why it is not working or crashing.

Open the `.kolibri` folder inside the *Home* folder of the device where Kolibri is running and locate these two files:

- `kolibri.log`
- `debug.log`

**Warning:** On Linux and MacOS systems you will need to activate the *Show Hidden Files* option in your file browser, in order to view the `.kolibri` folder.

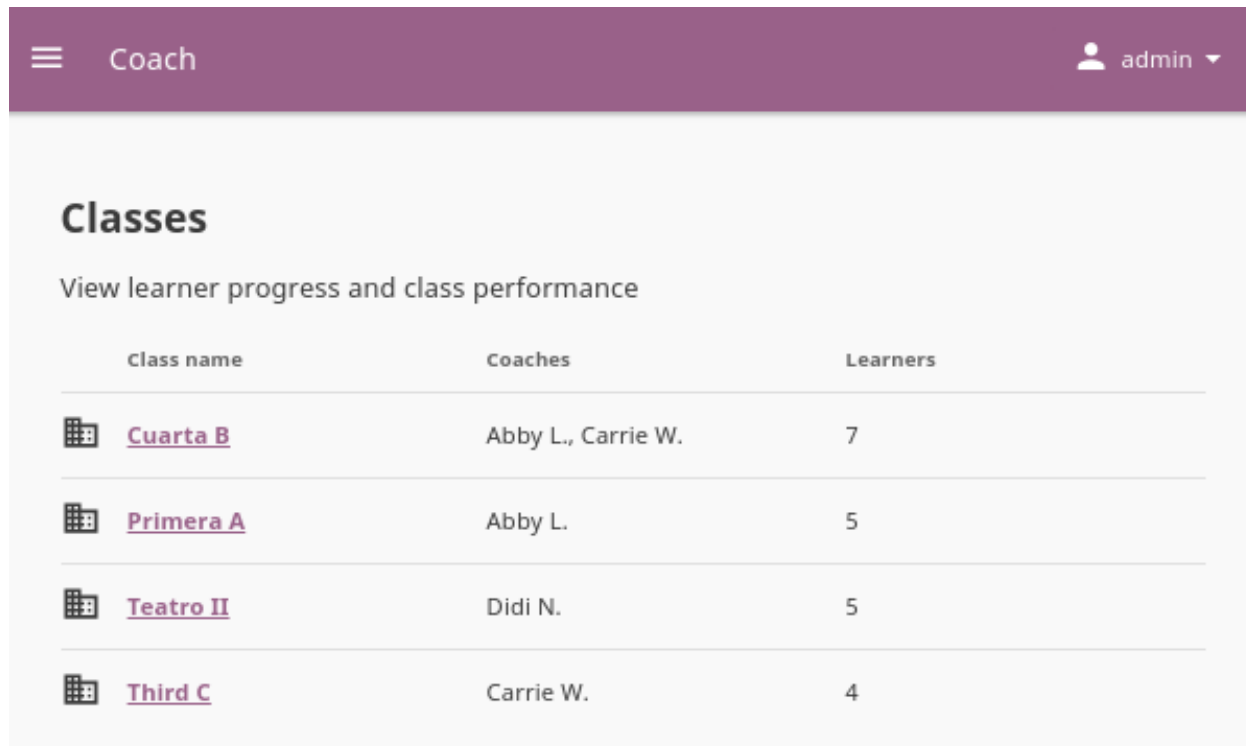
## Videos are not playing

Make sure to check the *system requirements* to see if you can support video playback. Please report any issues on our [Community Forums](#), stating the operating system and browser you are using.





## 3.4 Coach your Learners in Kolibri

You can track progress of the **Learners**, create and assign **Lessons** and **Exams** to classes or learner groups from the **Coach** dashboard. The default view of the **Coach** dashboard presents the list of **Classes** with their assigned coaches, and the number of learners enrolled in each class.

Click on a class to access the progress-tracking features and create lessons and exams.



The screenshot shows the 'Coach' dashboard with a purple header bar containing a menu icon, the word 'Coach', and a user profile 'admin'. Below the header, the section is titled 'Classes' with the subtitle 'View learner progress and class performance'. A table lists four classes, each with a calendar icon, a class name, a list of coaches, and the number of learners.

	Class name	Coaches	Learners
	<a href="#">Cuarta B</a>	Abby L., Carrie W.	7
	<a href="#">Primera A</a>	Abby L.	5
	<a href="#">Teatro II</a>	Didi N.	5
	<a href="#">Third C</a>	Carrie W.	4

### 3.4.1 View Learner Reports

Click a class on the **Coach** dashboard to display the list of enrolled learners, and the group they are assigned to (if applicable).

When you click the username of a learner, you will see a list of content channels they accessed, and the last time they were active on each of them:

---

**Note:** In a Learner report, the username of the selected learner will be the last item in the breadcrumb navigation menu.

---

Navigate the topic tree of each channel to see the progress of the selected learner for the topics, subtopics and individual resources. As you navigate, you will see topics added to the breadcrumbs menu.

In the image below, you can see that the learner **Abby L.** accessed and completed only one of the subtopics from the topic **Addition and Subtraction to 10**:

**Coach** admin

**LEARNERS** GROUPS LESSONS EXAMS RECENT CHANNELS

### Classes

Coaches: Carrie W.

[Classes](#) > [Cuarta B](#) > [Learners](#) > **Abby L.**

### Content

Channels ▾	Last active
<a href="#">CK-12 Testing</a>	5 days ago
<a href="#">Khan Academy Testing</a>	3 days ago
<a href="#">Portion Control</a>	3 days ago

Fig. 10: Learner Reports present a quick view of all the content accessed by a learner.

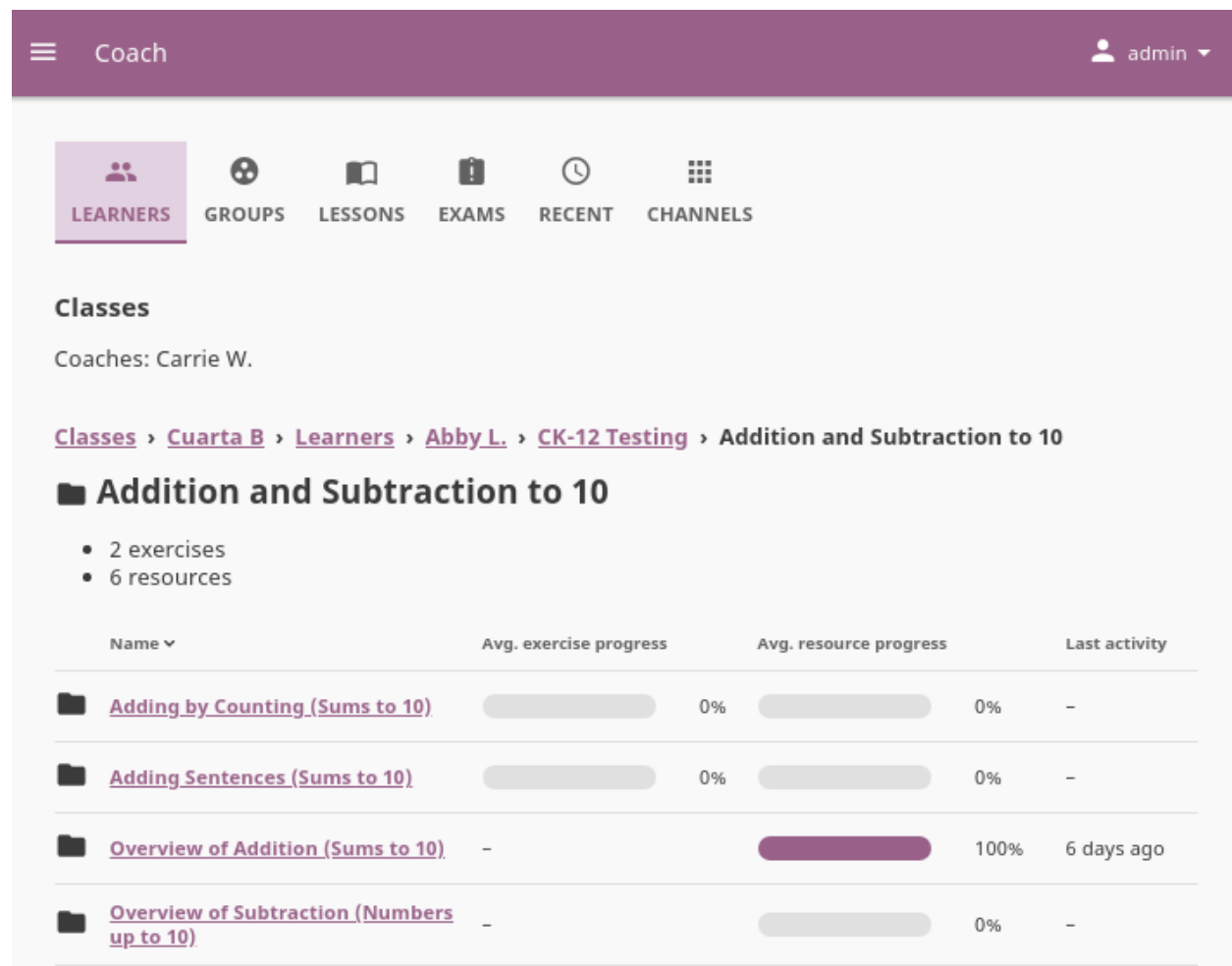


Fig. 11: Learner Reports across topics for the selected content channel.

## Review Exercise Progress

When a learner answers exercise questions in Kolibri, the progress bar below the exercise is taking into account only the most recent given answers, meaning that the learner must complete the required number of correct answers (*check marks*) **in the row** for the exercise to be considered completed.

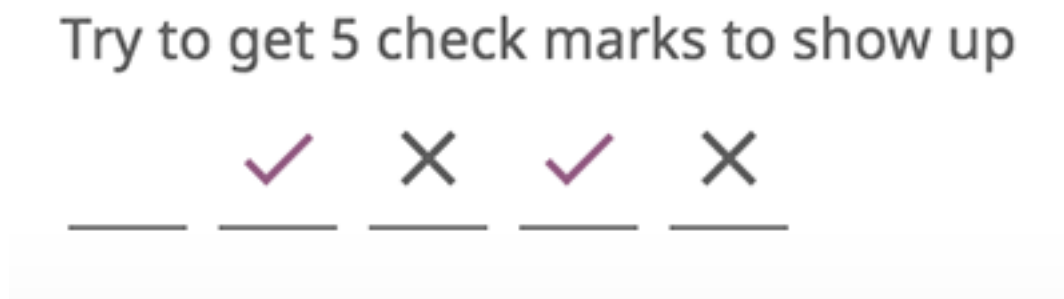


Fig. 12: The correct answers in the image above are not in a row; this exercise will be completed only after the learner gives 5 correct answers one after another.

In the example below, the progress bar for the exercise **Subtract within 5** will appear as 40%, because the student has given 2 correct answers within the most recent set of 5 attempts. For example: If this student had made 20 incorrect attempts before the 4 displayed attempts, those 20 incorrect attempts would not get factored into the progress bar.


Addition and subtraction within 10				
<ul style="list-style-type: none"> <li>2 Exercises</li> <li>1 Resource</li> </ul>				
Name ▾	Avg. exercise progress	Avg. resource progress	Last activity	
<a href="#">Add within 5</a>	<div><div></div></div> 0%	-	-	
Addition and subtraction within 10	-	<div><div></div></div> 0%	-	
<a href="#">Subtract within 5</a>	<div><div></div></div> 40%	-	4 days ago	


Click the exercise title to see all the answers and attempts on each question. In the figure below, you can see the progress of the learner **Hansen** for the exercise **Numbers to 120**. The exercise is still **In progress** as the learner has not completed the 5 correct answers in the row. You can also see that for the *Question 13*, the learner has given the correct answer only on the 4th attempt, which indicates that they are still struggling with the given concept.


How does it look if learner A does 5 correct answers in a row on their first try, but learner B gets 10 wrong answers in a row before giving 5 correct ones in a row? In both cases, the progress would show as 100%, and you would have to click each learner's name to access their progress report and attempt history.


In the figure below, you can see the progress of 5 learners for the exercise **Numbers to 120** in ascending order.

[← Back to Numbers to 120](#)


 **Hansen**


 **Numbers to 120**


 Completion: 5 out of 5 correct


 **In progress**  
3 months ago

**Answer history**

 **Question 3**


 **Question 9**


 **Question 11**


 **Question 13**


**Question 13 attempts**

1st answer

















**What whole number comes right after 102?**

Fig. 13: Details for answers and attempts on a single exercise.

 Coach  admin ▼

 LEARNERS  GROUPS  LESSONS  EXAMS  RECENT  CHANNELS

### Classes

Coaches: Carrie W.

▼ > [Math](#) > [Early Math](#) > [Counting](#) > [Numbers 0 to 120](#) > **Numbers to 120**

## Numbers to 120






Name ▼	Exercise progress	Group	Last activity
 <a href="#">Abby L.</a>	<div><div></div></div> 20%	Grupo A	6 days ago
 <a href="#">Carol H.</a>	<div><div></div></div> 40%	Grupo B	5 months ago
 <a href="#">Carrie W.</a>	<div><div></div></div> 60%	Grupo A	4 months ago
 <a href="#">Didi N.</a>	<div><div></div></div> 80%	Grupo B	3 months ago
 <a href="#">John C.</a>	<div><div></div></div> 100%	Grupo B	6 months ago

Fig. 14: View the progress for a single exercise or resource in a topic.

### 3.4.2 Manage Groups

In case you need to further divide learners inside classes, for example to address the different progress needs or levels, you can use the **Groups** feature. Create and delete groups, as well as assign learners to them from the **Groups** tab in your **Coach** dashboard. Default view displays the list of all groups for the selected class, with the list of assigned learners for each group.

**Coach** admin

LEARNERS **GROUPS** LESSONS EXAMS RECENT CHANNELS

**Classes**  
Coaches: Carrie W. **NEW GROUP**

**Class groups**

**Group A** 2 Learners 1 Selected **MOVE LEARNERS** **OPTIONS** ▼

<input type="checkbox"/>	Name	Username
<input checked="" type="checkbox"/>	Carrie W.	carriew
<input type="checkbox"/>	Peter B.	peterb

**Group B** 2 Learners 2 Selected **MOVE LEARNERS** **OPTIONS** ▼

<input checked="" type="checkbox"/>	Name	Username
<input checked="" type="checkbox"/>	Marc G.	marcg
<input checked="" type="checkbox"/>	Neela R.	neelar

**Ungrouped** 1 Learner 0 Selected **MOVE LEARNERS**

<input type="checkbox"/>	Name	Username
--------------------------	------	----------

**Note:** To manage Kolibri groups you must sign in as **Super user**, **Admin** or **Coach**.



## Create a New Group

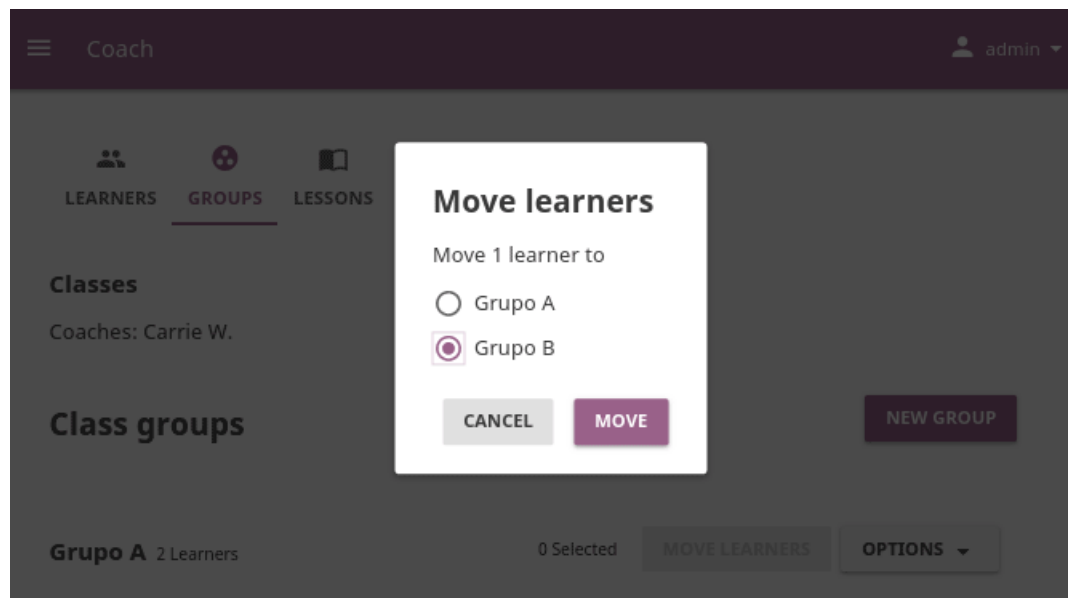
To create a new learner group, follow these steps.

1. Click the **New group** button.
2. Give group a desired name.
3. Click **Save** to confirm, or **Cancel** to exit without creating a group.

## Assign Learners to Group

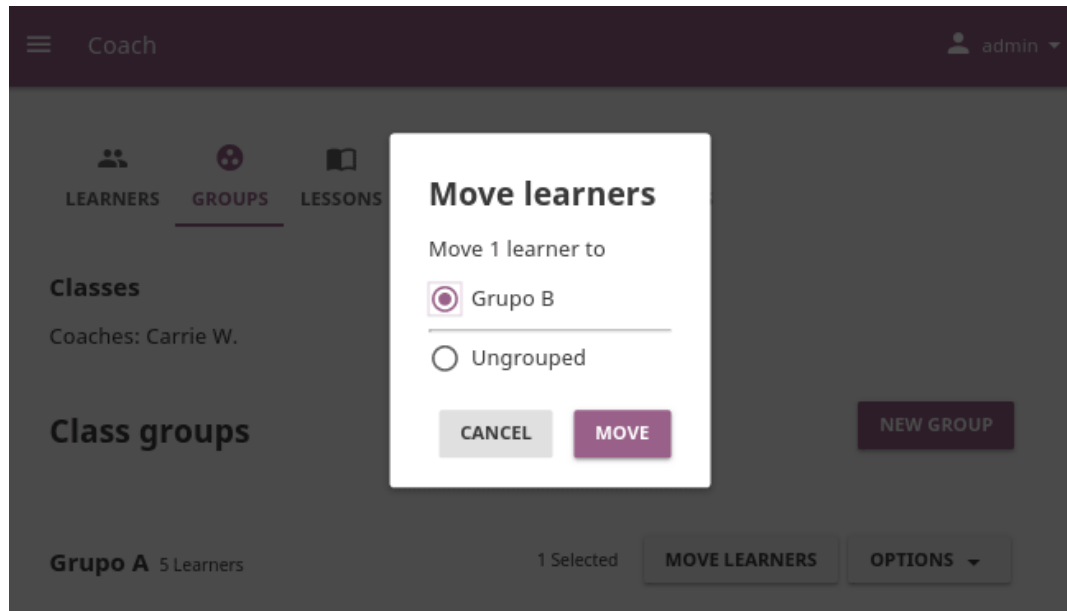
Below the existing groups there is a list with all learners currently **NOT** assigned to any groups.

1. Use checkboxes to select all the learners in the list, or specific ones you want to assign to the group.
2. Click **Move learners** button on the right side of the list.
3. Select the group to which you want to assign the selected learners in the **Move learners** window.
4. Click **Move** to proceed, or **Cancel** to exit without assigning.



## Move learners between groups

1. Use checkboxes to select all the user in one group, or specific users you want to assign to another group.
2. Click **Move learners** button on the right side of the origin group.
3. Select the group to which you want to move the selected learners, or the **Ungrouped** option if you want to remove them from the origin group without assigning to a new one.
4. Click **Move** to proceed, or **Cancel** to exit without moving.



### Rename Group

To rename group, follow these steps.

1. Click the down arrow icon on the right edge of the desired group.
2. Select the **Rename group** option.
3. Input the new name for the group in the confirmation window.
4. Click **Save** button to proceed, or **Cancel** to exit without renaming the group.

### Delete Group

To delete a group, follow these steps.

1. Click the down arrow icon on the right edge of the desired group.
2. Select the **Delete group** option.
3. Click **Delete group** button in the confirmation window to proceed, or **Cancel** to exit without deleting the group.

---


**Note:** Learners currently assigned to group will become ungrouped.







---

### 3.4.3 Manage Lessons

Kolibri **Lessons** offer you the possibility to prepare smaller selections of available learning resources and assign them to learners on a temporary basis. You can select resources from multiple channels, and copy the created lessons to other classes or groups as needed.

To view, create or delete lessons, as well as assign them to learners, use the **Lessons** tab in your **Coach** dashboard. Default view displays the list of all lessons created for the selected class, the number of resources they contain, groups they are assigned to, and their status indicator. You can filter the lessons in order to see all, or just active/inactive ones.

 Coach
 admin ▾

 LEARNERS
  GROUPS
  **LESSONS**
 EXAMS
  RECENT
  CHANNELS





### Classes

Coaches: Carrie W.

## Lessons

Show  
All lessons ▾

NEW LESSON

Title	Size	Recipients	Status ⓘ
 <a href="#">Counting 2</a>	3 resources	1 group	 Inactive
 <a href="#">Lección inicial</a>	5 resources	Entire class	 Active

**Note:** To manage **Lessons** in Kolibri classes and groups, you must sign in as **Coach** or **Admin**.

### Create New Lesson

To create a new lesson, follow these steps.

1. Click the **New lesson** button.
2. Fill in the field for the lesson title, description and set the visibility.

**New lesson**

Title  
Counting 3 10/50

Description  
Lesson for week of February 10 30/200

Recipients

- ☐ Entire class
- ☒ Grupo A
- ☐ Grupo B

CANCEL CONTINUE

3. Click the **Continue** button. In this step, the lesson does not have any learning resources yet, but you can see and edit some options.

The screenshot displays the Kolibri Coach interface. At the top, a purple header bar contains a menu icon, the word 'Coach', and a user profile 'admin'. Below this is a navigation bar with icons and labels for 'LEARNERS', 'GROUPS', 'LESSONS' (highlighted with a purple bar), 'EXAMS', 'RECENT', and 'CHANNELS'. The main content area is titled 'Classes' and shows 'Coaches: Carrie W.'. Below this, a lesson titled 'Counting 3' is displayed. The lesson's status is 'Inactive' with a 'Change' link. The description is 'Lesson for week of February 10' and the recipients are 'Grupo A'. An 'OPTIONS' dropdown menu is open on the right, showing 'Edit details', 'Copy lesson', and 'Delete'.


4. Click the **Add resources** button, and select the content channel from which you wish to select resources for the lesson.

× Select resources


## Add resources to your lesson

Total resources selected: 0

Channels



**Khan Academy Testing**  
Kolibri Testing Channel



**CK-12 Testing**

SAVE

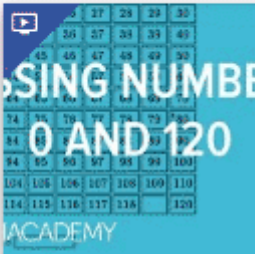
5. Keep navigating the topic tree of the selected content channel until you arrive to single content items. Use the checkboxes to select the resources you want to include in the lesson.

✕ Select resources


## Add resources to your lesson

▼ > [Math](#) > [Early Math](#) > [Counting](#) > Numbers 0 to 120

Total resources selected: 4 **SAVE**



**Missing numbers between 0 and 120**






**Missing numbers**

Type the missing numbers in the boxes.

13, 14, 15, , 17, 18, 19,

- Click **Save** to confirm the selection and finish.
- Use the and buttons to reorder the resources in the lesson, and click the **Remove** button to delete them. You will see a confirmation notification at the bottom.

**Resources** **ADD RESOURCES**

Name	Resource progress
<div> <div> ^ v </div> <div>  <a href="#">Missing numbers</a>            Khan Academy Testing         </div> </div>	<div> <div>0/3</div> <div>completed</div> <div><b>REMOVE</b></div> </div>
<div> <div> ^ v </div> <div>  <a href="#">Missing numbers between 0 and 120</a>            Khan Academy Testing         </div> </div>	<div> <div>0/3</div> <div>completed</div> <div><b>REMOVE</b></div> </div>
<div> <div> ^ v </div> <div>  <a href="#">Numbers to 120</a>            Khan Academy Testing         </div> </div>	<div> <div>0/3</div> <div>completed</div> <div><b>REMOVE</b></div> </div>

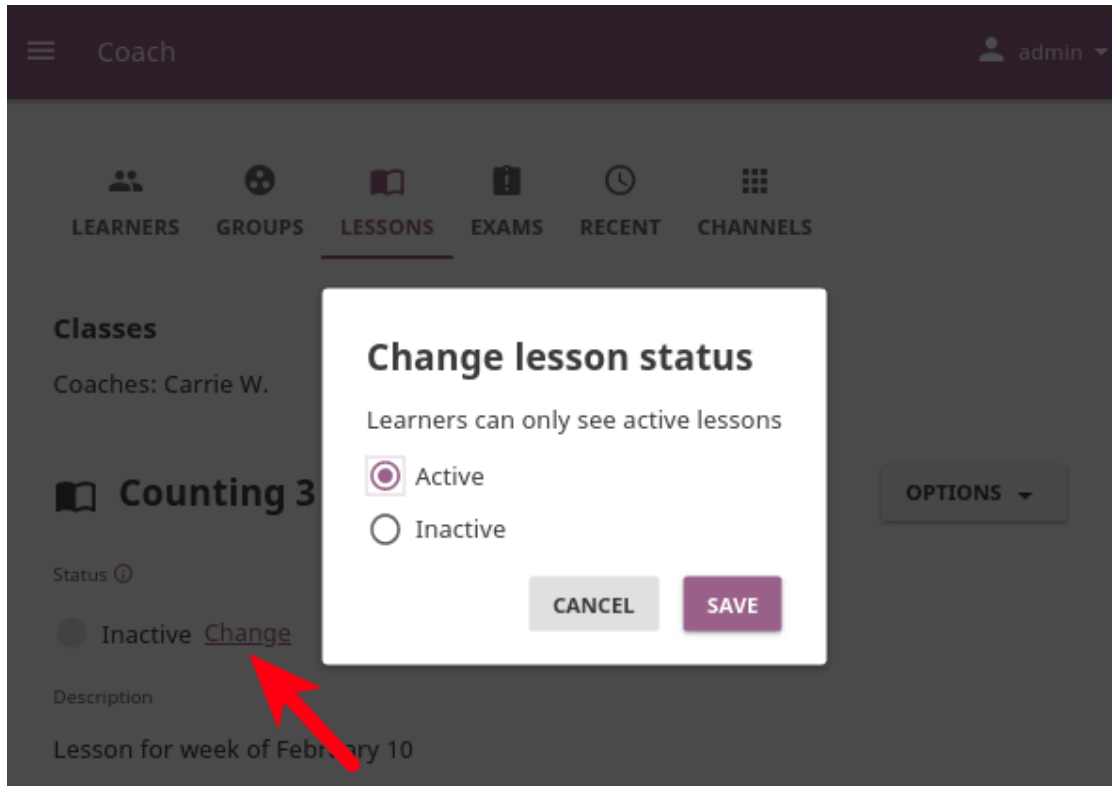
**New lesson order saved**

- To add more resources to the same lesson and keep editing if needed, follow the steps 4 to 7 again.

## Change Lesson Status

A newly created lesson is *Inactive* by default, meaning that learners will not see it in their **Learn** view. To change the lesson status, follow these steps.

1. Click the **Change** link under the *Status* heading.



2. Select **Active** or **Inactive**.
3. Click **Save** to confirm, or **Cancel** to exit without change.

## Change Lesson Visibility

You can change the visibility of the lesson that you set when you initially created it. To reassign the lesson to a different group, or entire class, follow these steps.

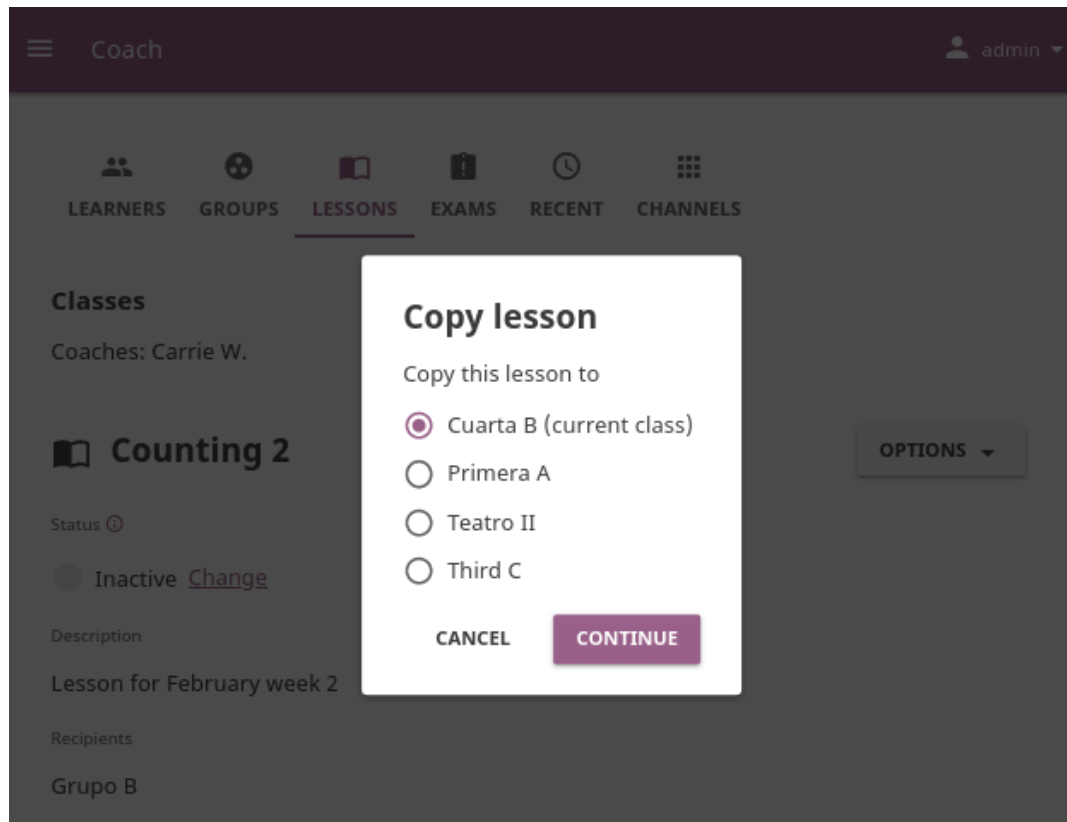
1. Select the desired lesson from the list in the **Lessons** tab.
2. Click the **Options** button, and select **Edit details**.
3. Select **Entire class** or the group(s) of learners to whom you wish to assign the lesson under the *Visible to* heading.
4. Click **Save** to confirm, or **Cancel** to exit without change.

## Copy Lesson

To copy a lesson to a different group or another class of your facility, follow these steps.

1. Select the desired lesson from the list in the **Lessons** tab.
2. Click the **Options** button, and select **Copy lesson**.





3. Select the class to which you wish to copy the lesson to.
4. If the destination class has more than one group, select **Entire class** or the group(s) of learners to whom you wish to assign the lesson.
5. Click **Save** to confirm, or **Cancel** to exit without change.

If the lesson is copied to another group in the same class, it will appear in the **Lessons** tab as the *Copy of...*. Follow the steps in the next heading to rename it.

### Rename Lesson

To rename a lesson, follow these steps.

1. Select the desired lesson from the list in the **Lessons** tab.
2. Click the **Options** button, and select **Edit details**.
3. Change the lesson title in the confirmation window.
4. Click **Save** to proceed, or **Cancel** to exit without renaming the lesson.

### Delete Lesson

To delete a lesson, follow these steps.

1. Select the desired lesson from the list in the **Lessons** tab.
2. Click the **Options** button, and select **Delete**.
3. Click **Delete** in the confirmation window to proceed, or **Cancel** to exit without deleting the lesson.

### 3.4.4 Manage Exams

You can view, create and delete exams, as well as assign them to learners, using the **Exams** tab in your **Coach** dashboard. Default view displays the list of all exams in a selected class, with indicators of their visibility status and groups they are assigned to.

**Coach** admin

LEARNERS GROUPS LESSONS **EXAMS** RECENT CHANNELS

**Classes**  
Coaches: Carrie W.

**Exams**

Show  
All exams ▾

NEW EXAM

	Recipients	Status ⓘ
	1 Group	Active
<a href="#">Counting 2</a>	Entire class	Active
<a href="#">First Quarter 2</a>	Entire class	Active

**Note:** To manage **Exams** in Kolibri classes and groups you must sign in as **Coach** or **Admin**.

#### Create New Exam

To create a new exam, follow these steps.

1. Click the **New exam** button.
2. Fill in the field for the exam title in the *Create a new exam* view.
3. Fill in the field for number of questions you want the exam to contain.
4. Navigate through the topic tree and activate checkboxes of those exercises you want to include in the exam.

**Coach** admin

LEARNERS GROUPS LESSONS **EXAMS** RECENT CHANNELS

### Classes

Coaches: Carrie W.

## Create a new exam

Exam title

Half term

Number of questions

10

### Select exercises to pull questions from

All channels / Khan Academy Testing / **Math**

☒ Name

☒ Early Math 21 of 21 exercises selected

21 Exercises selected

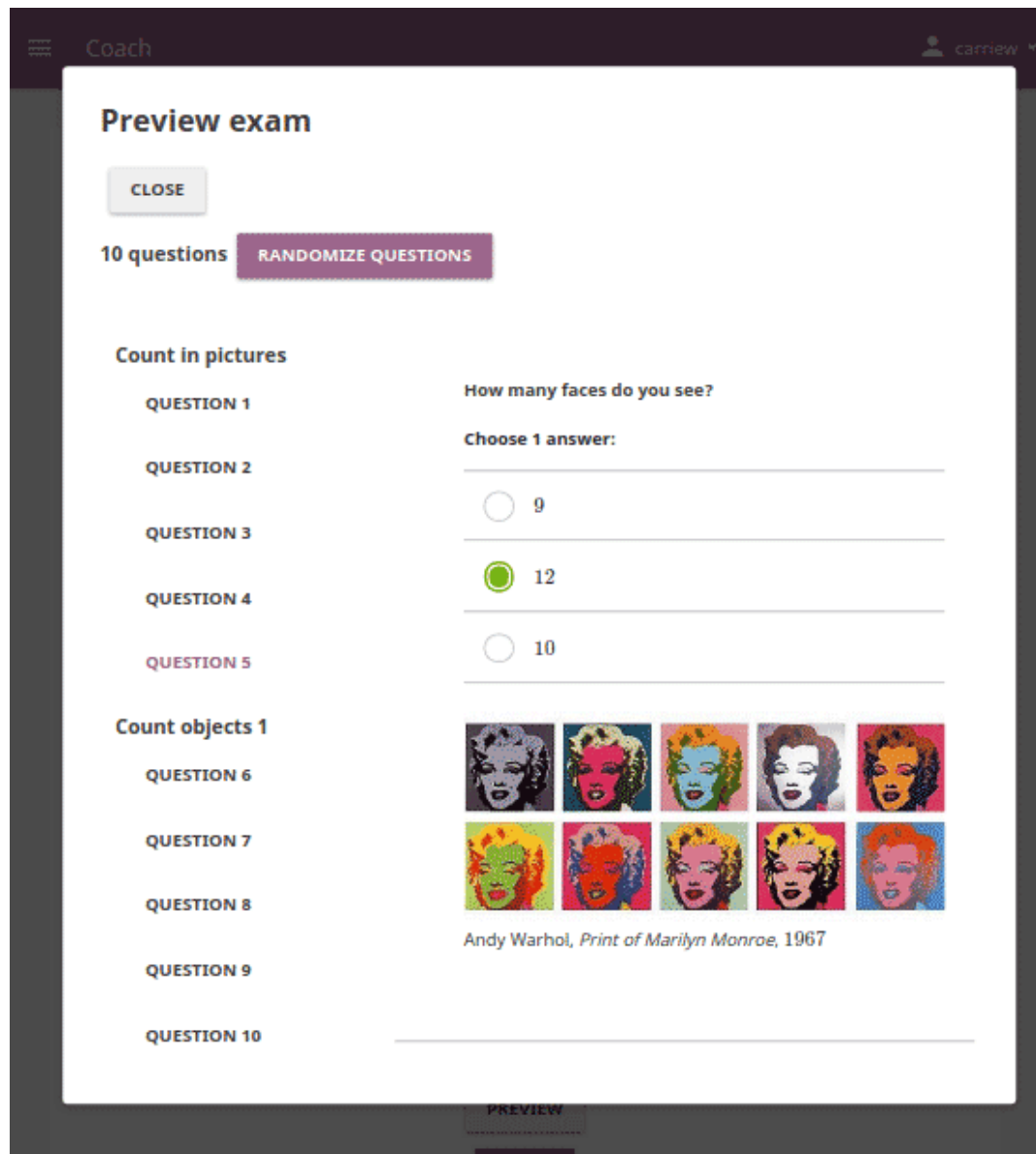
PREVIEW

Added Early Math

FINISH

Fig. 15: As you keep adding the exercises you will see confirmation messages at the bottom.

- Click **Preview** button to view the result before finishing.



- Click **Randomize questions** button to present them in the different order from those in the topic origin.
  - Click **Close** button to return to the exam home page.
- Click **Finish** button to save the result.

### Change Exam Visibility

Newly created exam will be visible to entire class by default. To change exam *Recipients* (a select group of learners instead of the whole class), follow these steps:

- Select the exam by clicking its title from the exam list.
- Click the **Options** button and select the **Edit details** option.
- Select the group(s) of learners to whom you wish to assign the exam under the *Recipients* heading.

- Click **Save** to confirm, or **Cancel** to exit without change.

The screenshot shows the Kolibri Coach interface with the 'EXAMS' tab selected. A modal titled 'Edit exam details' is open, showing the following information:

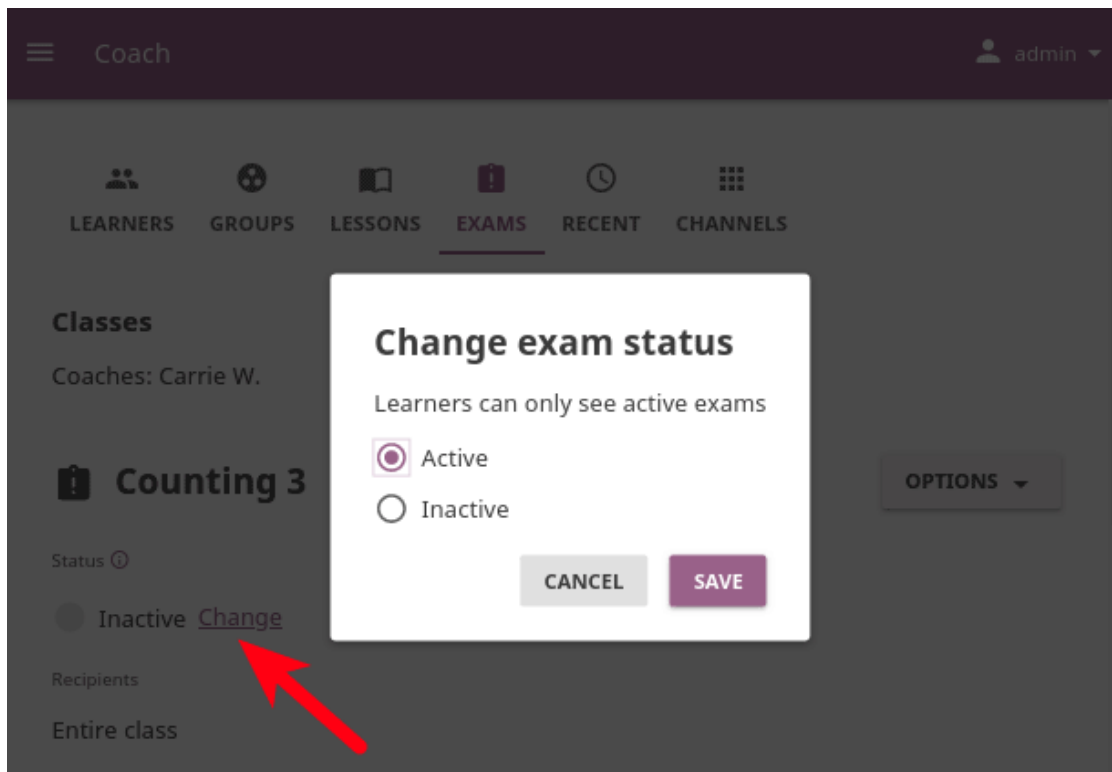
- Title:** Counting 1 (10/50)
- Recipients:**
  - ☐ Entire class
  - ☒ Grupo A
  - ☐ Grupo B

Buttons for 'CANCEL' and 'SAVE' are at the bottom right of the modal. The background interface shows the 'Counting' exam details, including a status of 'Active' and a 'View by groups' checkbox.

### Change Exam Status

Once you set the visibility of exam to the chosen group(s) of learners, you need to **Activate** it in order for it to appear in the **Learn** view of the learners to whom you assigned it.

- Select the desired exam from the list in the **Exams** tab.
- Click the **Change** link under the *Status* heading.



3. Select **Active** at the start of the exam period. When the exam period concludes, select the **Inactive** option.
4. Click **Save** to confirm, or **Cancel** to exit without change.

### View Exam Report

To view the report and scores for learners who have taken the exam, follow these steps.

1. Select the desired exam from the list in the **Exams** tab.
2. Scroll down to the **Exam report** heading.

**Classes**  
Coaches: Carrie W.

**Counting 2** OPTIONS ▾

Status ⓘ  
● Active [Change](#)

Recipients  
Entire class

**Exam report**

☐ View by groups


**All learners**  
Average score: 60%


Name	Progress	Score	Group
<b>Neela R.</b>	Not started	–	Grupo B
<a href="#">Abby L.</a>	Completed	60%	Grupo A
<b>Carrie W.</b>	10 questions remaining	0%	Grupo B
<b>Peter B.</b>	Not started	–	Grupo A


This view presents the list of all the learners who had access to the exam, with the respective progress and scores. Click the name of the learner to view the detailed exam report with a preview of the results for each question.

- Click each of the questions to preview it. This can help understand which questions learners had difficulties answering correctly and how many attempts they used.
  - yellow star icon indicates a **completed** exam
  - blue clock icon indicates the exam is **in progress**, not submitted yet
  - green check mark icon indicates the **correct** answer











- red X mark icon indicates the **incorrect** answer
- gray X mark icon indicates an **unanswered** question

 First Quarter 2 report




 **Abby L. - Exam performance**  
Overall score: 40%  
Questions correct: 4 of 10

 **Completed**  
3 minutes ago

**Answer history**


-  Question 1
-  Question 2
-  Question 3
-  Question 4
-  Question 5
-  Question 6
-  Question 7
-  Question 8
-  Question 9
-  Question 10


**Question 8**  
☐ Show correct answer  
**Question 8 attempts**  
2nd answer  


  

Which box has 2 acorns?

Choose 1 answer:

☐ 

☒ 

☐ 

- Click on the attempt icons to see the answers for each one. In the screenshot above learner **Abby L.** had 3

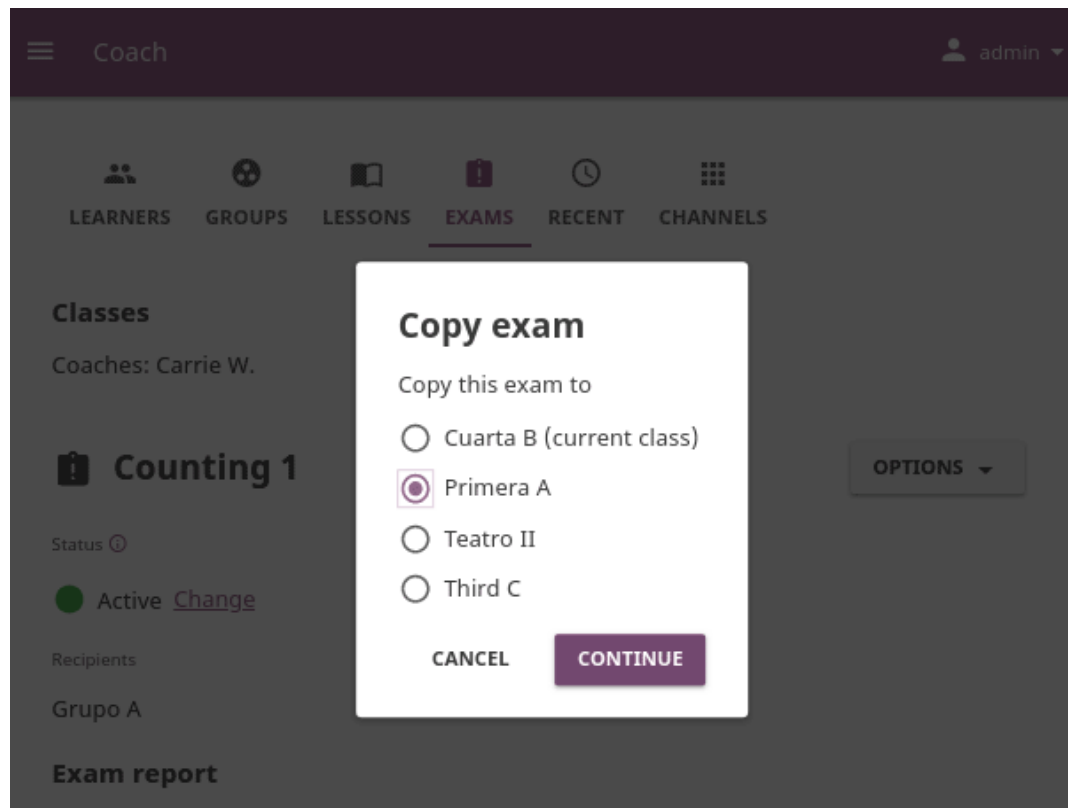


attempts on *Question 8*: The first one was incorrect, the second one (selected) was correct, but the third and finally submitted one was incorrect.

## Copy Exam

To copy an exam to a different group or another class, follow these steps.

1. Select the desired exam from the list in the **Exams** tab.
2. Click the **Options** button, and select **Copy to**.



3. Select the class to which you wish to copy the exam to and click **Continue**.
4. If the destination class has more than one group, select **Entire class** or the group(s) of learners to whom you wish to assign the lesson.
5. Click **Copy** to confirm, or **Cancel** to exit without change.

If the exam is copied to another group in the same class, it will appear in the **Exams** tab as the *Copy of...* Follow the steps in the next heading to rename it.

## Rename Exam

To rename exam, follow these steps.

1. Click **Options** for the desired exam and select **Edit details** option.
2. Change the exam title in the confirmation window.
3. Click **Save** button to proceed, or **Cancel** to exit without renaming the exam.

## Delete Exam

To delete exam, follow these steps.

1. Click **Options** for the desired exam and select **Delete** option.
2. Click **Delete** button in the confirmation window to proceed, or **Cancel** to exit without deleting the exam.

**Warning:** All data from the exam you are deleting will be lost.

## 3.4.5 View Class Recent Activity

Use this view to access the full report channels and items (exercises and resources - videos, reading material, etc.) accessed during the last 7 days by learners of the selected class.

The screenshot shows the Kolibri Coach interface. At the top, there's a purple header with a menu icon, the word 'Coach', and a user profile 'admin'. Below the header is a navigation bar with icons and labels for LEARNERS, GROUPS, LESSONS, EXAMS, RECENT (which is highlighted), and CHANNELS. The main content area is titled 'Classes' and shows 'Coaches: Carrie W.'. Below this, there's a breadcrumb trail: 'Classes > Cuarta B > Channels'. The section is titled 'Recent activity' with the subtitle 'Showing activity in past 7 days'. A table lists the recent activity:

Channels	Last active ▼
<a href="#">Khan Academy Testing</a>	5 days ago
<a href="#">Portion Control</a>	5 days ago
<a href="#">CK-12 Testing</a>	7 days ago

If the class learners have access to more than one channel, you will see the list of channels firstly. From there, you can navigate by topics and subtopics until you arrive to a specific item. In the item's view, you can review the progress of each learner in the class that accessed the item.

### 3.4.6 View Class Activity by Channels

Use this view to access the full report of activity progress for the selected class. You can navigate channels by topics and subtopics until you see the progress of each class learner for a specific item.

**Channels**

Classes

Coaches: Carrie W.

▼ > [Addition and Subtraction to 10](#) > Overview of Addition (Sums to 10)

**Overview of Addition (Sums to 10)**

- 0 exercises
- 2 resources

Name ▼	Avg. exercise progress	Avg. resource progress	Last activity
<a href="#">Overview of Addition (Sums to 10)</a>	-	<div><div></div></div> 14%	7 days ago
<a href="#">The Flying Birds (PLIX)</a>	-	<div><div></div></div> 14%	7 days ago

Fig. 16: Use the channel view to see the average progress for exercises and resources for all the learners in the class.

When you navigate to the last level in the topic tree, you can see the average progress of all class learners for each exercise or resource (video, document, HTML5 activity) in that particular topic.

## 3.5 Learn with Kolibri

### 3.5.1 Access Kolibri

**Note:**

- If you are using Kolibri in your school, education center or facility, your coach or administrator will provide the instructions how to open the sign-in page, and username and password if necessary.
  - If you are using Kolibri on your own, outside an education center or facility, follow the instructions how to [Access Kolibri](#) according to your operating system.
- 

To sign in to **Kolibri** and start learning, follow these steps:

1. Type your username and password (may be optional).
2. Click the **SIGN IN** button.

**Warning:** If you start browsing Kolibri as a guest, you need either to select **Sign in** option from the **Guest** menu in the upper right corner, or from the sidebar menu (left or bottom) to open the sign-in page.

Once you have logged in into Kolibri, you can see and edit your user data from the **Profile** option in the main sidebar menu (below **Learn**).

To sign out from Kolibri you can either:

- Click the user icon in the upper right corner and select **Sign out** option, **OR**
- Select **Sign out** option in the main sidebar menu.

### 3.5.2 Learn with Kolibri

#### Classes

Each time you login into **Kolibri**, the first thing you will see is the **Learn** page with the list of all the classes you are enrolled to.

Select one of your classes to access [Lessons](#) and [Exams](#) your teachers or coaches prepared for your class.

#### Channels

**Channels** tab offers you the option to navigate through the complete set of learning topics and materials available in Kolibri. Use it as you wish, or according to indications from your teachers and coaches.

Depending on how your school and teachers or coaches decided to organize the content, you may have one or more channels available here. Follow the indications by your teachers or coaches on how to use the content from each available channel.

#### Recommended

In the **Recommended** tab you can see various sections:

- **Most popular** displays the most frequently used materials in your school or facility.

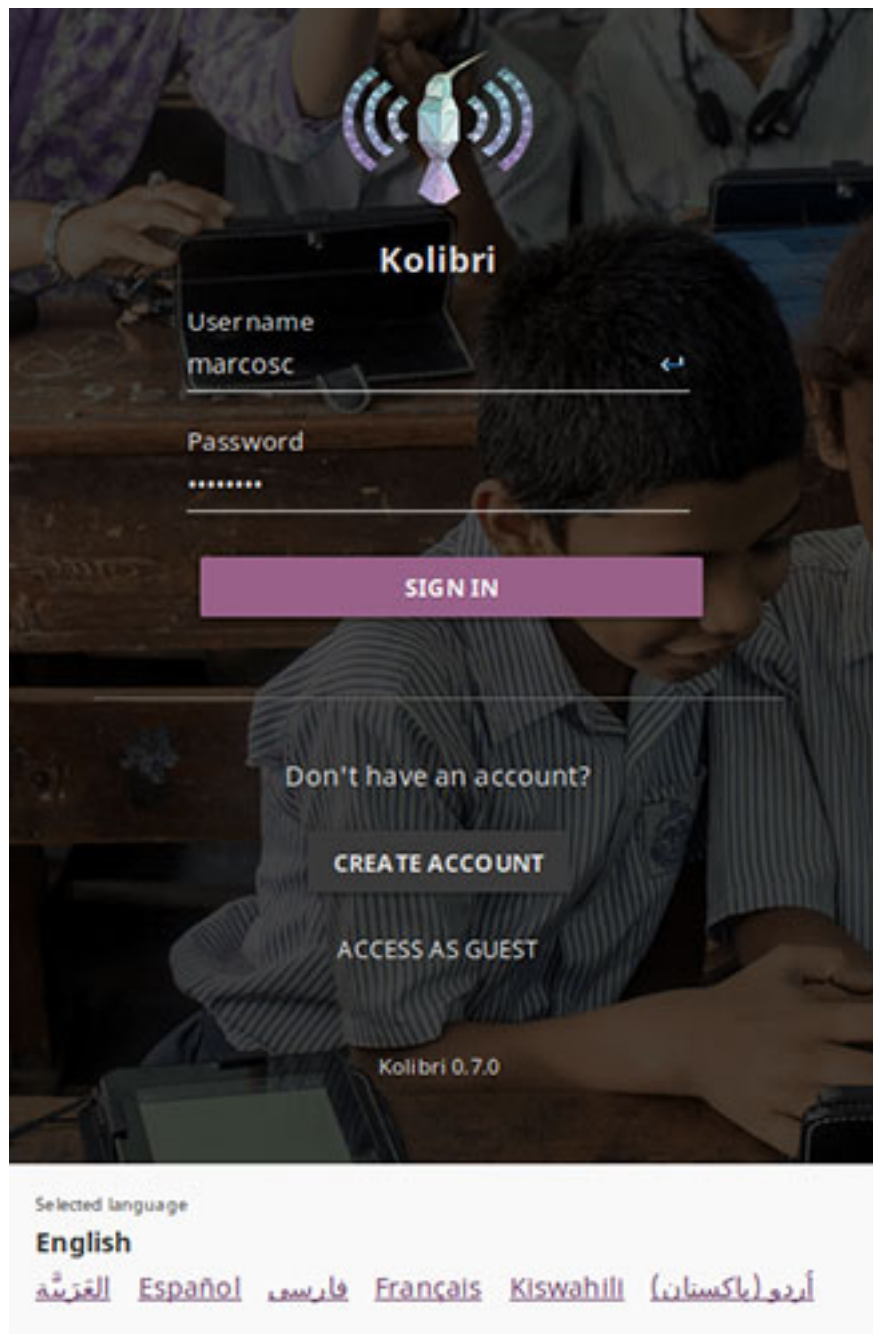





Fig. 17: Main sign in page.

 Profile  marcosc ▼

### Points

 **1,500**

### Role

Learner

Full name

Marcos C.

9/120

Username

marcosc

7/30

**SAVE CHANGES**

Fig. 19: View and edit your user profile.

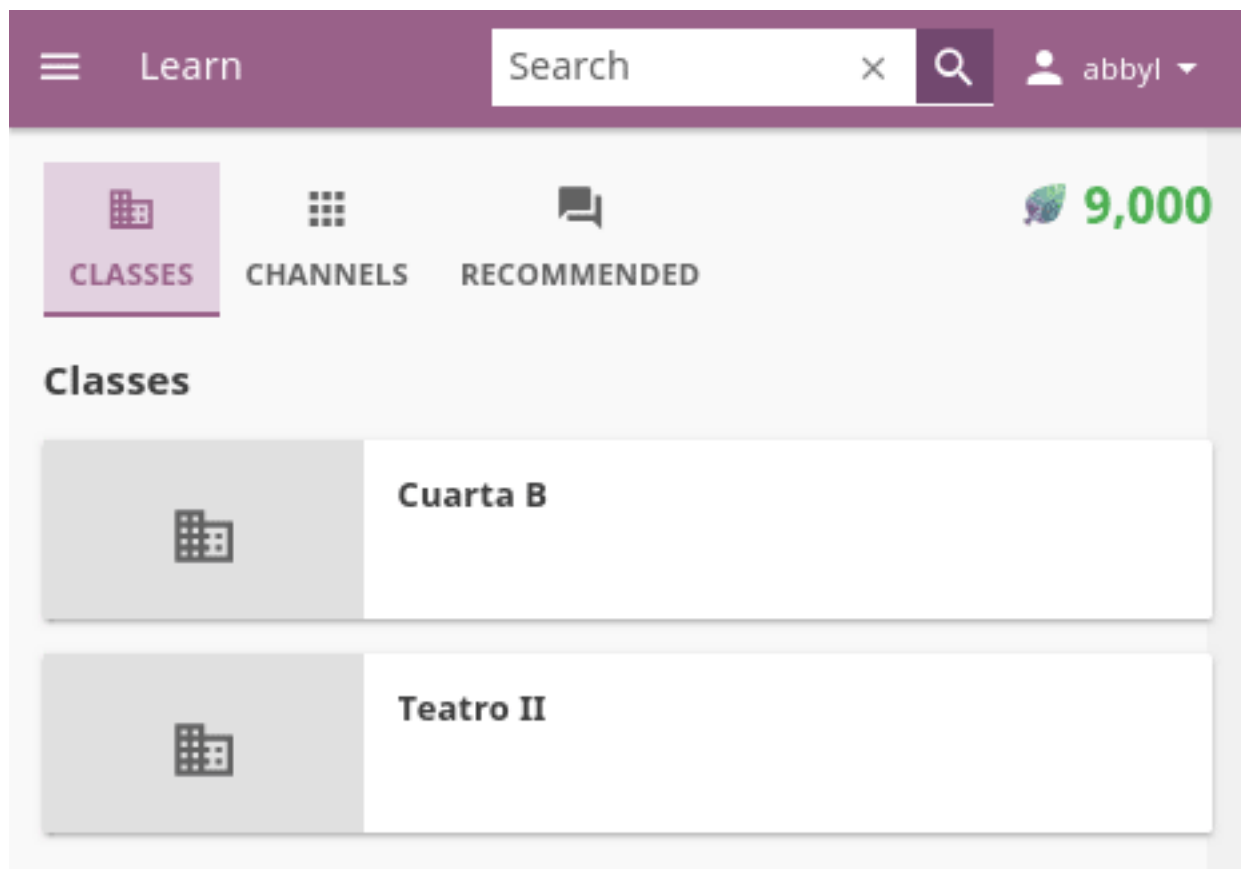


Fig. 20: Learn start page with all your classes.

The screenshot shows the Kolibri 'Learn' interface. At the top, there is a purple header bar with a menu icon, the word 'Learn', a search bar with the text 'Search', a close icon, a magnifying glass icon, and a user profile icon labeled 'abbyl'. Below the header, there are three tabs: 'CLASSES' (selected), 'CHANNELS', and 'RECOMMENDED'. To the right of these tabs, there is a green leaf icon and the number '9,000'. Below the tabs, the text 'Classes > Cuarta B' is displayed. The main section is titled 'Cuarta B'. Underneath, there is a section titled 'Exams'. This section contains two items: 'First Quarter 2' with a status of 'Not started' and 'Counting 2' with a status of '8 questions left'. Below the 'Exams' section, there is a section titled 'Lessons'. This section contains one item: 'Lección inicial'.

Fig. 21: You can see all your lessons and exams in the Class tab.



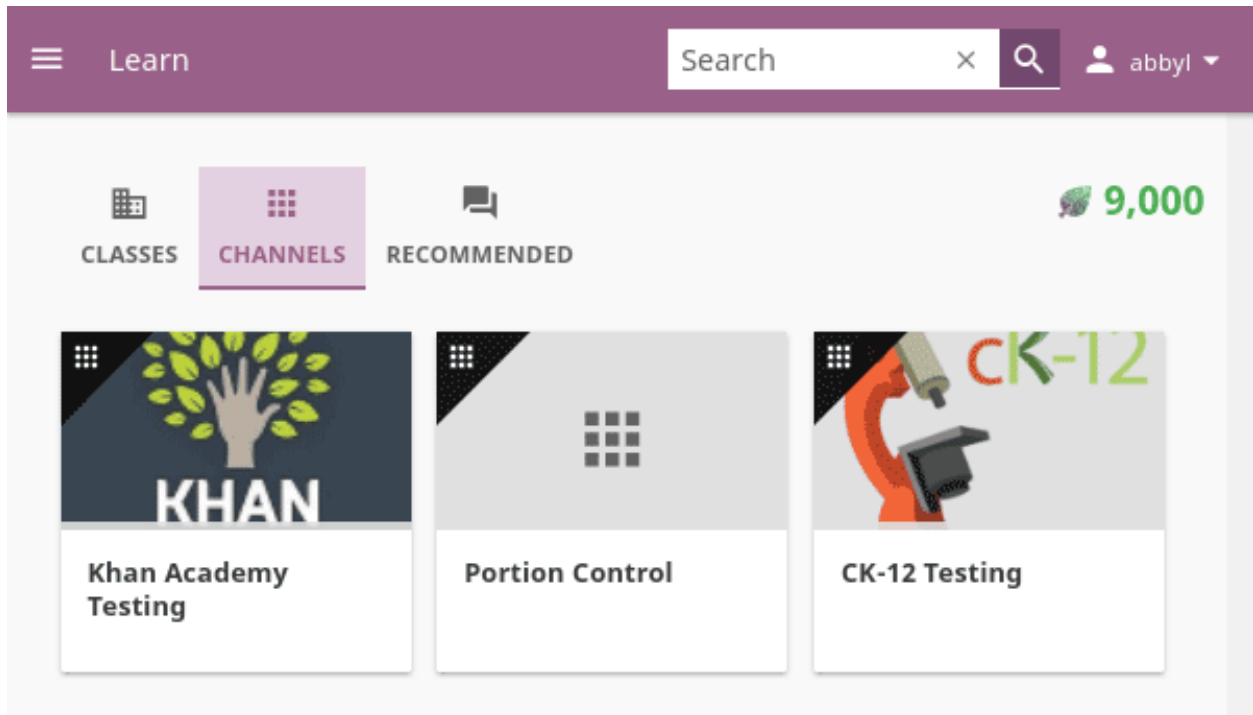


Fig. 22: Content in Kolibri is grouped in channels.

- **Next steps** displays suggestions according to topics and materials you previously visited.
- **Resume** displays activities that you started but haven't finished yet.
- **Featured in...** displays a preview of activities for each content channel you have access on Kolibri.

These learning topics and materials are either related to what you were doing the last time you used Kolibri. or recommended by your teachers and coaches.

---

**Note:** **Next steps** and **Resume** are not visible if you are browsing as a guest.

---

The number of displayed content items in each row will depend on the width of your display, and you can browse with the and icons at the beginning and the end of the section rows.

### Navigate Kolibri topics with breadcrumb links

When you are browsing a topic in Kolibri, the **Breadcrumb** links indicate previously visited, more general topics. Current topic is at the last position, and you can click any of the previous links in the breadcrumb to go back to a specific broader topic.

If the full length of the breadcrumbs becomes too wide for the width of your display, the more general topics will be hidden. Click the leftmost down arrow icon to access them.

### Search

If you are looking for a specific subject, topic, or term, use the **Search** feature:

[illegible]

The screenshot shows the 'Learn' interface of Kolibri. At the top, there is a purple header bar with a menu icon, the word 'Learn', a search bar, and a user profile icon labeled 'marcosc'. Below the header, there are three tabs: 'CLASSES', 'CHANNELS' (which is highlighted), and 'RECOMMENDED'. To the right of these tabs, there is a green icon and the number '1,500'. Below the tabs, a red-bordered box contains the breadcrumb trail: [Channels](#) > [Khan Academy \(en\)](#) > [Math](#) > [Basic geometry](#) > [Shapes](#) > [Triangles](#). Below the breadcrumb trail, the title 'Triangles' is displayed in a large, bold font. Underneath the title, a paragraph states: 'Triangles can be classified in different ways. In this tutorial, we'll learn about scalene, equilateral, acute, right, and obtuse triangles.' Below this text, there are three video thumbnails. The first thumbnail shows a blackboard with 'Scalene' and 'Isosceles' triangles and is titled 'Classifying triangles'. The second thumbnail shows a blackboard with three types of triangles labeled 'Scalene', 'Isosceles', and 'Equilateral' and is titled 'Classifying triangles by angles'. The third thumbnail shows a diagram of a triangle and is titled 'Worked example: Classifying triangles'.

Learn

Search

marcosc

CLASSES CHANNELS RECOMMENDED

1,500

[Channels](#) > [Khan Academy \(en\)](#) > [Math](#) > [Basic geometry](#) > [Shapes](#) > [Triangles](#)

## Triangles

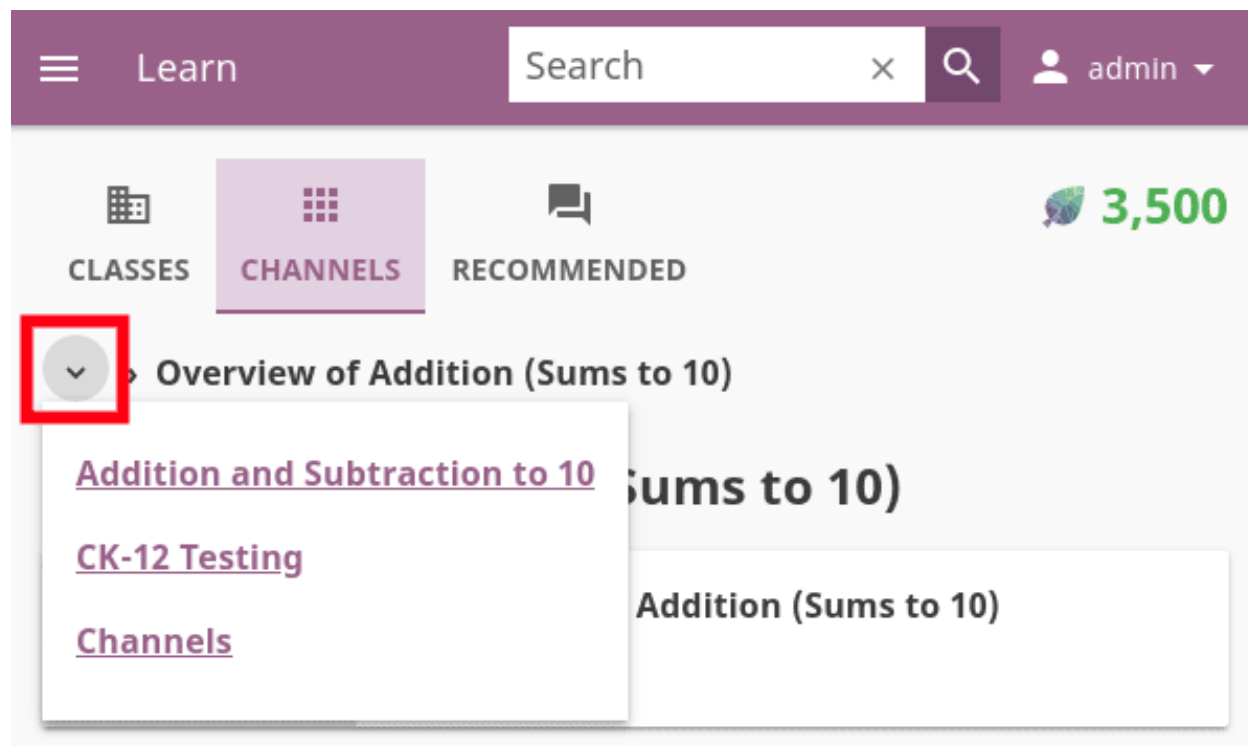
Triangles can be classified in different ways. In this tutorial, we'll learn about scalene, equilateral, acute, right, and obtuse triangles.

**Classifying triangles**

**Classifying triangles by angles**

**Worked example: Classifying triangles**

Fig. 24: Use breadcrumbs links to navigate back through Kolibri topics.



1. Click the magnifying glass icon in the upper right corner.
2. Type the word or combination of words you are looking for in the search field.
3. Press **Enter** to display search results below the field.

## Content types

### Exercises

Kolibri **Exercises** can require you to do different things: fill in a missing number, write a formula, choose one of the available options, etc. Each correct answer gets you a check mark, and majority of exercises require 5 correct answers in a row to be completed. Some exercises can offer one or more hints, to help you solve the problem.

Independent of the required action (writing an answer yourself or choosing one of the options), these are the steps to follow.

1. **Read the question carefully.**
2. Write the answer or choose one of the provided options.
3. When you are ready to submit, click the **Check answer** button.
  - If the answer is correct and a check mark appears, click the **Next question** button to proceed.
  - If the answer is incorrect, click the **Get a hint** button, read the suggestions, and try to answer again.
  - The progress bar below the exercise is taking into account only the most recent answers you give, and that means that you need to have the required number of correct answers (*check marks*) **in the row** for the exercise to be considered completed.

The screenshot shows the Kolibri search interface. At the top, there is a purple header with a menu icon, the word "Learn", and a user profile icon labeled "marcosc". Below the header, there is a search bar with the text "cosine" and a magnifying glass icon. The search results are titled "Search results for 'cosine'". Below the title, there are two tabs: "Type" and "Channels". The "Type" tab is selected, and a dropdown menu is open showing options: "All", "Topics", "Exercises", "Videos", "Audio", "Documents", and "HTML5 Apps". A red arrow points to the "Videos" option. The "Channels" tab is also visible, showing "Khan Ac...". Below the tabs, there are six video thumbnails with titles: "Intersection points of  $y=\sin(x)$  and  $y=\cos(x)$ ", "Sine & cosine identities: periodicity", "Intro to the trigonometric ratios", "Trig word problem: complementary", and "Solving for a side with the law of".

Fig. 25: Search page gives you option to search for a specific term in Kolibri.

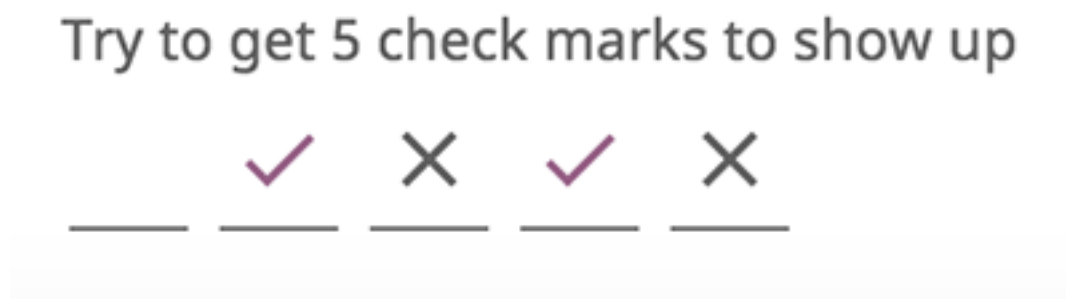


Fig. 26: The correct answers in the image above are not in a row; this exercise will be completed only after you give 5 correct answers one after another.

4. Once you have achieved the required number of correct answers in a row, click the **Next item** button, to continue learning with the rest of the material in that topic.
5. If you are unable to solve some questions, try reviewing the videos in the **Recommended** section below the exercise, or seek help from your peers or teacher/coach.

### Video and Audio Player options

To play videos and listen to audio files in Kolibri you have several available control buttons at the bottom of the player screen. Move the cursor or tap on the player screen to make appear the control buttons while playing.

(controls at the bottom of the player)

- Play/Pause buttons
- Rewind/Fast forward buttons by +/- 10 seconds
- Time tracker indicator with progress bar
- Video duration indicator
- Volume scrollbar
- Playback speed selector
- Display **closed captions** (subtitles)
- Fullscreen button

Use the **Download content** button below the player to download the video, audio and thumbnail files to your computer. Some videos will provide multiple resolution options.

### PDF Viewer options

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**Note:** Options for viewing PDF files will depend on the browser and operating system you are using to view Kolibri.

---

- Use the **Enter fullscreen** button to open the PDF file in fullscreen view.
- Use the **Esc** key to close the fullscreen view and return.

Use the **Download content** button below the PDF viewer to download the PDF file to your computer.

### Lessons

When your teacher or coach prepares a *lesson*, that is a recommended set of learning resources for you or your class to view, it will be available in the **Class** tab, below the **Lessons** heading. You may have more than one lesson available at the time.

Click on a lesson title to open its content, and follow the indications of your teachers or coaches on how to use it.

### Exams

If your teacher or coach scheduled an exam for you or your class, it will be available in the **Class** tab, under the **Exams** heading. You may have more than one exam available at the time.

If the exam is listed as *Not started*, follow these steps.

Learn
 

 marco.sc ▾

CLASSES
 CHANNELS
 **RECOMMENDED**
🌱 1,500

**Recommended** › Add 2-digit numbers by making tens

## Add 2-digit numbers by making tens 🕒

Complete to solve  $47 + 23$ .

$$47 + 23$$

$$= (40 + \boxed{7}) + 23$$

$$= 40 + (\boxed{7} + 23)$$

NEXT QUESTION

Try to get 3 check marks to show up:

✓ ✓ —

**Correct!**

### Recommended

**Adding 53+17 by making a group of 10**

**Add 2-digit numbers by making tens 2**

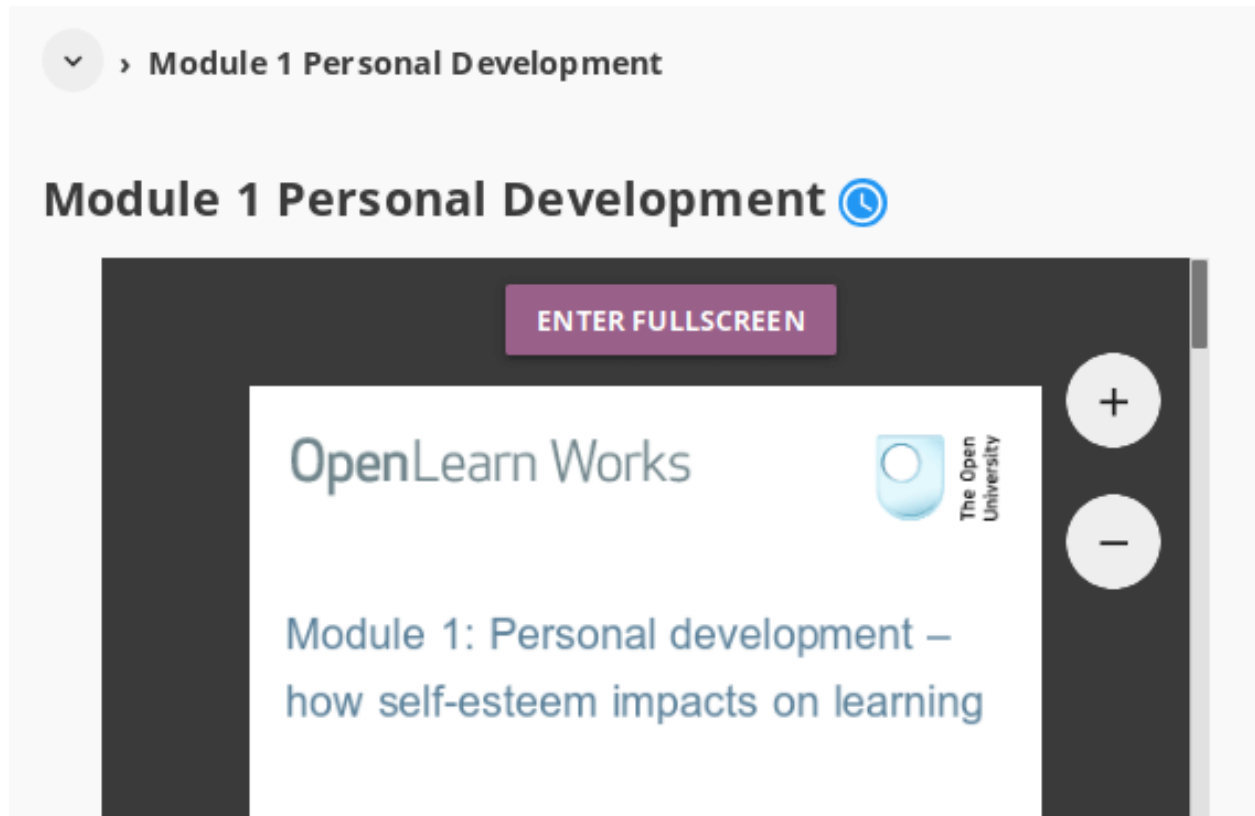
**Strategies for adding 2-digit numbers**

Fig. 27: Exercise page in Kolibri.

The screenshot displays the Kolibri application interface. At the top, a purple header bar contains a 'Learn' button, a search bar, and a user profile icon labeled 'marcosc'. Below the header, a navigation bar features three tabs: 'CLASSES', 'CHANNELS' (which is highlighted), and 'RECOMMENDED'. To the right of these tabs, a green leaf icon is followed by the number '1,500'. A breadcrumb trail below the navigation bar reads: 'Science > Biology > Intro to biology > The science of biology > The scientific method'. The main content area is titled 'The scientific method' with a clock icon. It features a video player with a black background. The video frame shows a winter scene with a frozen pond and a chalkboard with the title 'The Scientific Method' written on it. Below the video frame, there is a description: 'How the scientific method is used to ask questions and test explanations.' and a license dropdown menu set to 'All Rights Reserved'. At the bottom, a 'DOWNLOAD CONTENT' button is visible, with a dropdown menu showing options for 'Low Resolution (6.42 M...' and 'Subtitle (19.08 KB)'. The video player controls at the bottom show a progress bar at 00:19, a total duration of 11:48, and various playback controls.

Fig. 28: Kolibri video and audio player.





1. Click on the exam when you are ready to start taking it.
2. You can go on answering the questions in the order you prefer: move through questions with **Previous** and **Next question** buttons, or click on the question number in the column on the left side.
3. Each time you fill in the answer field, or select one of the available options, the question will be marked by a colored dot in the column on the left side.
4. You can review and correct your answers to all questions as many times you need before submitting.
5. Press the *Back to exam list* if you want to pause the exam and come back later.
6. Press the button **Submit exam** when you want to submit it for grading.


If the exam in the **Class** tab is listed as having ... *questions left*, click on it to resume when you are ready.



Once you submit the exam, it will be listed as *Completed* in the **Class** tab, but you can click on it to see the score and review your answers.



---


**Tip:** Use the **Show correct answer** checkbox to visualize the answer for the questions that you did not answer correctly.


---


 Learn


Search  

 abbyl 


 **CLASSES**

 CHANNELS

 RECOMMENDED



 **9,000**


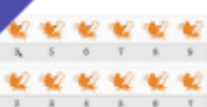
[Classes](#) › [Cuarta B](#) › Lección inicial



 **Lección inicial**


**Teacher note:**



Leer esta lección primero que todo



  **Counting with small numbers**


  **Counting in order**


  **Count in order**


 Learn


Search  

 abbyl 

 **CLASSES**

 CHANNELS






 RECOMMENDED

 **9,000**

[Classes](#) › **Cuarta B**







## Cuarta B

### Exams

	<b>First Quarter 2</b> Not started
 	<b>Counting 1</b> Completed
 	<b>Counting 2</b> 8 questions left

[← Back to exam list](#)**Math3**

4 of 10 questions answered

**SUBMIT EXAM** Question 1 Question 2 Question 3 Question 4 Question 5 Question 6 Question 7

Marcus sails due north and Sandra sails due east from the same starting point. In two hours, Marcus's boat is 35 miles from the starting point and Sandra's boat is 28 miles from the starting point. How far are the boats from each other? Round to the nearest hundredth of a mile.

**Choose 1 answer:**☐ The boats are  $\approx 40.82$  *mi* apart after two hours☒ The boats are  $\approx 35.82$  *mi* apart after two hours☐ The boats are  $\approx 28.82$  *mi* apart after two hours☐ The boats are  $\approx 44.82$  *mi* apart after two hours**PREVIOUS QUESTION****NEXT QUESTION**

← Counting 2 report

## Abby L. - Exam performance

★ Completed  
5 minutes ago

Overall score: 60%

Questions correct: 6 of 10

### Answer history

✗ Question 1

✗ Question 2

✓ Question 3

✓ Question 4

✓ Question 5

✗ Question 6

✓ Question 7

✗ Question 8

### Question 1

☐ Show correct answer

### Question 1 attempts

1st answer



Count the whales.

Type the missing numbers in the boxes.



## 3.6 Frequently Asked Questions

### 3.6.1 How much does Kolibri cost to install?

It is FREE – both free as in “free speech” and free as in “free beer”! To learn more about free software, see this [Free Software Foundation](#) article.

### 3.6.2 Do I need the internet to run Kolibri?

Short answer: **No!** You can bring or send a storage device (USB or HDD unit) with Kolibri installer and content channels downloaded somewhere with available internet connection, and install everything on an completely offline device.

In a nutshell, Kolibri can run independently of internet availability, but you need to procure the installer and content channels from somewhere for the initial installation and for subsequent upgrades.

One possibility is to have Kolibri installed in one location with internet connection, where you can import content channels from [Kolibri Studio](#) (curriculum tool and content curation server), and then export them to removable USB drives that you bring or send to offline locations (rural schools, refugee camps, etc.) to import locally.

### 3.6.3 What languages is Kolibri available in?

Both Kolibri and [Kolibri Studio](#) are translation-ready and currently available in these languages:

Language	Kolibri	Kolibri Studio
English	✓	✓
Spanish (Spain)	✓	✓
Spanish (Mexico)	(✓ ver 0.5)	✓
French	✓	
Swahili (Tanzania)	✓	
Arabic	✓	
Farsi	✓	
Urdu (Pakistan)	✓	
Hindi	✓	

To contribute to Kolibri and Kolibri Studio as a translator, you can get started over on our [translations and internationalization](#) page.

### 3.6.4 What are the typical deployment scenarios?

There is no typical deployment scenario. However, we can share with you what we’ve learned from our community of KA Lite and Kolibri users. A typical school deployment varies depending on whether or not a school already has a computer lab.

- School with an existing computer lab: In this case, Kolibri would be deployed as a server on one of the existing computers. Students would connect using client devices over the local network.
- School with no existing computer lab: For schools that do not have an existing computer lab, a Kolibri deployment would involve obtaining a device that can run as a Kolibri server (most computers) and other devices to be used as clients. One common configuration is using a Raspberry Pi or other inexpensive computer as a server and relatively cheap tablets as client devices.

### 3.6.5 What are some possible hardware configurations for deploying Kolibri?

To deploy Kolibri for multiple users you will need:

1. **Server device:** a computer that is running the Kolibri software (e.g. a desktop computer, laptop, or Raspberry Pi).
2. One or more **client devices** that have web browsers (laptops, tablets, desktop computers, etc)

---

**Note:** For a single-device deployment (1) and (2) can be the same computer, with the browser connecting to the locally running Kolibri server. To make the software accessible to multiple client devices, you will need to put them on the same local network as the Kolibri server device (1), e.g. through a WIFI access point.

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To read more details, see the full [Kolibri Hardware Guide](#) and examples of [Hardware Configurations for Kolibri](#) (PDF documents).

### 3.6.6 How can I generate content aligned to local curriculum?

Use [Kolibri Studio](#) curriculum tool to curate content channels aligned to your local requirements. Once you finish creating the channels on Studio, you can import them on all your Kolibri deployments for use in learning environments.

### 3.6.7 Bulk Downloads of Content Channels

Coming soon!

At this time we do not support bulk downloads of content channel outside the Kolibri platform. In the near future, we will consider offering bit torrents for certain global content channels.

### 3.6.8 Something isn't working!

Refer to the [Troubleshoot and Support](#) section of this guide.

### 3.6.9 Who maintains the Kolibri project?

Kolibri is created, maintained, and operated by [Learning Equality, Inc](#), a California-based nonprofit organization.

### 3.6.10 How do you operate in the field?

The Learning Equality team primarily works in our San Diego offices, building software and shaping our road map based on our interactions with our partners around the world. We work with individual humanitarians and NGOs of all sizes to help them distribute Kolibri to offline communities around the world, and will work on site for research and training purposes.

### 3.6.11 What is Kolibri's affiliation with Khan Academy?

Kolibri is an independent, open-source project maintained by [Learning Equality](#), and is not officially affiliated with Khan Academy, although they are very supportive of the Kolibri project, and are one of our key partners.

### 3.6.12 Can I contribute to Kolibri as a developer?

Yes! Kolibri is an [open source project](#), and developers are encouraged to contribute!

### 3.6.13 Can I contribute to Kolibri as a translator?

Yes, absolutely! To contribute to Kolibri and Kolibri Studio as a translator, you can get started over on our [translations and internationalization page](#).

### 3.6.14 How do I find out more about LE and Kolibri?

To stay up-to-date on all our activities, follow our [blog](#), [Twitter](#), and [Facebook](#)!

## 3.7 Get in touch

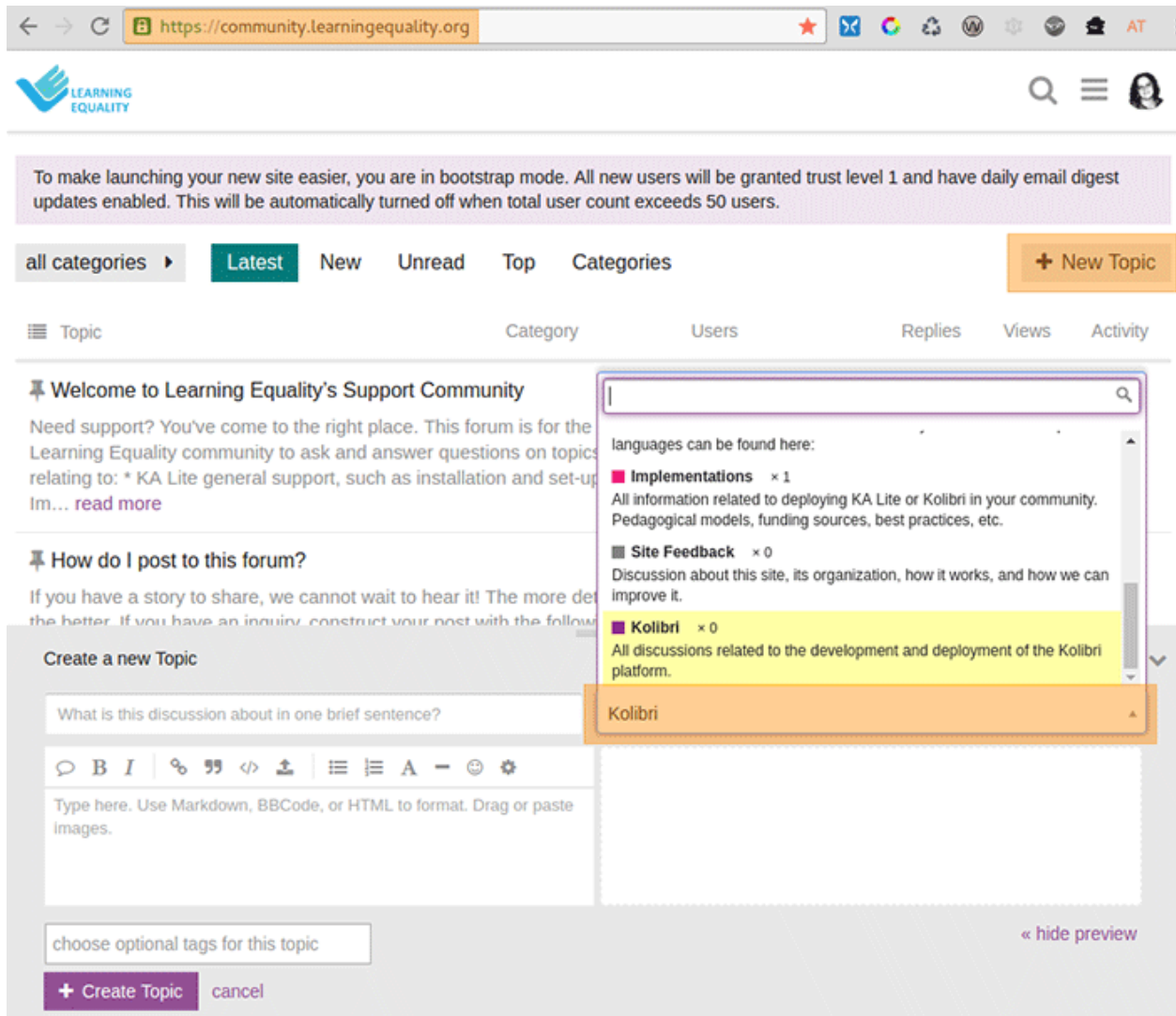
### 3.7.1 Getting support

If you want to contact the **Learning Equality** Support team to report an issue, or share your experience about using Kolibri, please register at our [Community Forums](#).

Once you register on our forums, please read the the first two pinned topics (*Welcome to LE's Support Community* and *How do I post to this forum?* )

You can add a new topic with the **+ New Topic** button on the right. Make sure to select the **Kolibri** category in the **Create a New Topic** window so it's easier to classify and respond to.





### 3.7.2 Feedback

#### New ideas

Until we can present a proper feedback platform, we encourage you to post any new ideas to the [Community Forums](#).

#### Technical issues

If you are certain that you have found a technical issue, please open up an issue report in our public software repository, following the guidelines:

[github.com/learningequality/kolibri](https://github.com/learningequality/kolibri)

### 3.7.3 Contributions and development

Please refer to our developer docs:

[kolibri-dev.readthedocs.io](http://kolibri-dev.readthedocs.io)