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## User manual



Fig. 1: curricuLAB


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## 1 REGISTRATION



The first step is to create an account. To do this, open the website <https://www.curriculab.de> and click on the **"Sign up"** button at the top right. By clicking on the flag you can change the language setting. If you already have an account, the **"Login"** button will take you directly to the login.

curricuLAB® PHYWE

Login Sign up  PHYWE  
excellence in science

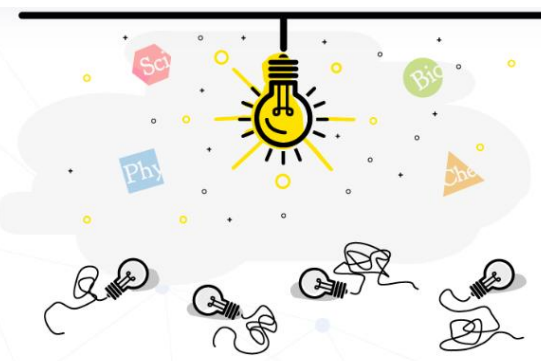
curricuLAB®  
Simple. Digital. Teaching.  
The awarded\* teaching and learning  
platform for natural sciences






\* curricuLAB® has been awarded the Comenius-EduMedia-Seal 2020 as a teaching and learning management system of outstanding pedagogical, content and design quality.

To create an account, you can alternatively scroll down and click the red **"Try out now"** button.





\* curricuLAB® has been awarded the Comenius-EduMedia-Seal 2020 as a teaching and learning management system of outstanding pedagogical, content and design quality.

So simple that it's almost too simple

With the new teaching and learning platform curricuLAB® PHYWE offers a fast and uncomplicated entry into digital teaching. Give it a try! You will be surprised how easy digital teaching can be!

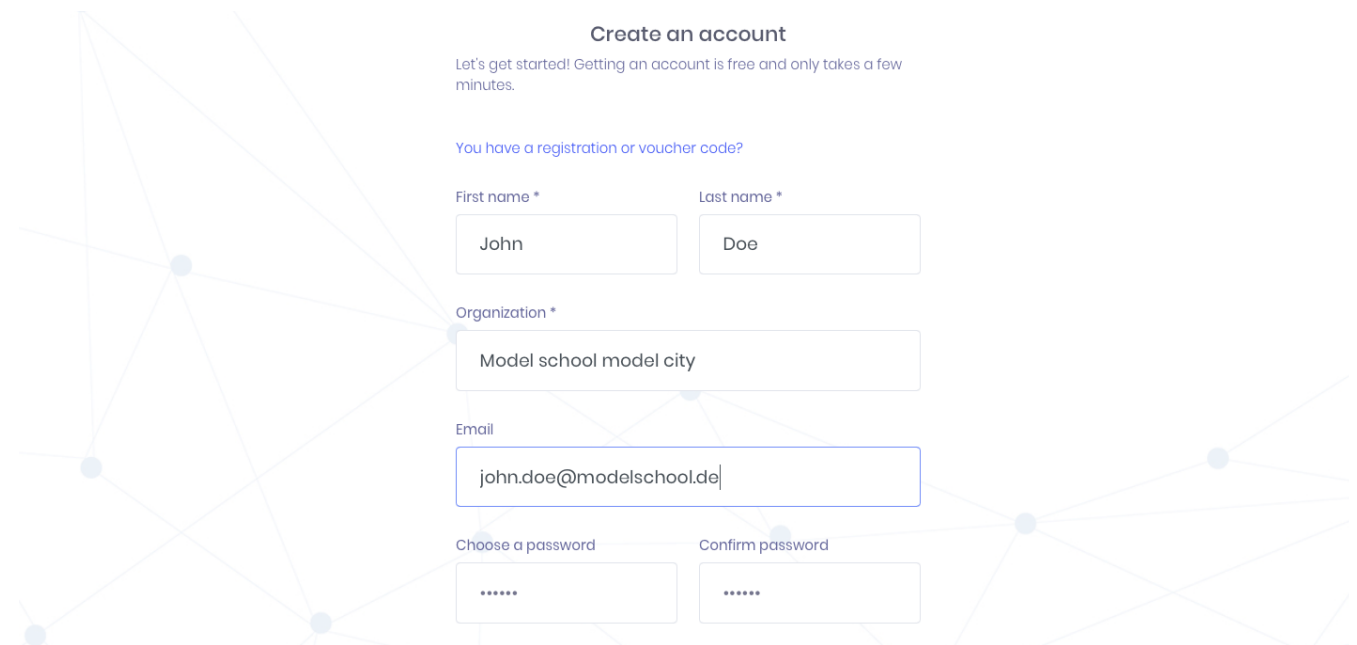
Try it out now

2

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14577-62 / 14578-62 / 5125

Please enter your **first and last name** (e.g. John Doe). Under **Organization**, enter your school, university or institute (e.g.: Model school model city). Then enter your **e-mail address** (e.g.: john.doe@modelschool.com) and choose a **password** with at least 6 characters. Confirm this by entering it again.

A screenshot of a web registration form titled "Create an account". The form includes a sub-header "Let's get started! Getting an account is free and only takes a few minutes." and a link "You have a registration or voucher code?". The form fields are: "First name \*" with value "John", "Last name \*" with value "Doe", "Organization \*" with value "Model school model city", "Email" with value "john.doe@modelschool.de", "Choose a password" with masked characters "\*\*\*\*\*", and "Confirm password" with masked characters "\*\*\*\*\*".

**Create an account**

Let's get started! Getting an account is free and only takes a few minutes.

[You have a registration or voucher code?](#)

First name \* Last name \*

John Doe

Organization \*

Model school model city

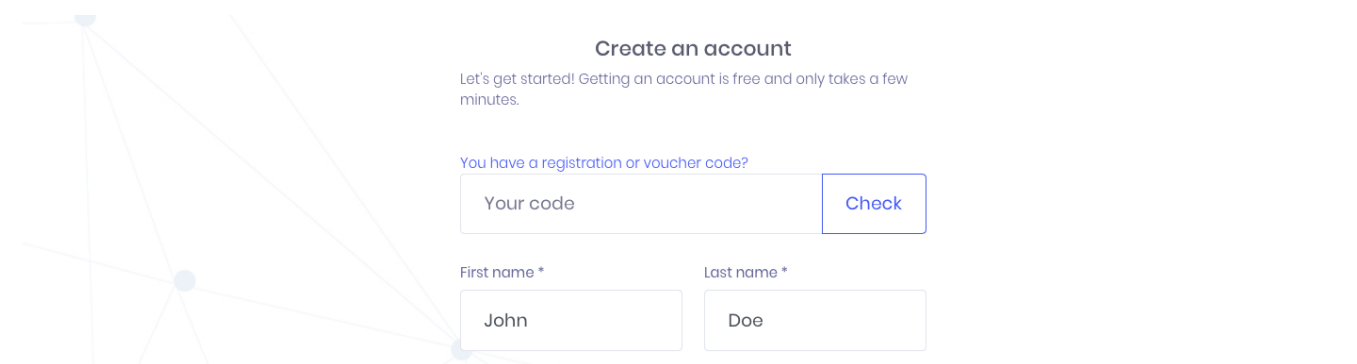
Email

john.doe@modelschool.de

Choose a password Confirm password

\*\*\*\*\*

If you have a **registration or voucher code**, you can click on the blue text "[You have a registration or voucher code?](#)" above the entry of your name. A box will then appear where you can enter your code. Clicking on the "**Check**" button will check and redeem the code.

A screenshot of the registration form showing an additional step. A box for "Your code" with a "Check" button appears above the "First name" and "Last name" fields. The rest of the form fields remain the same as in the previous screenshot.

**Create an account**

Let's get started! Getting an account is free and only takes a few minutes.

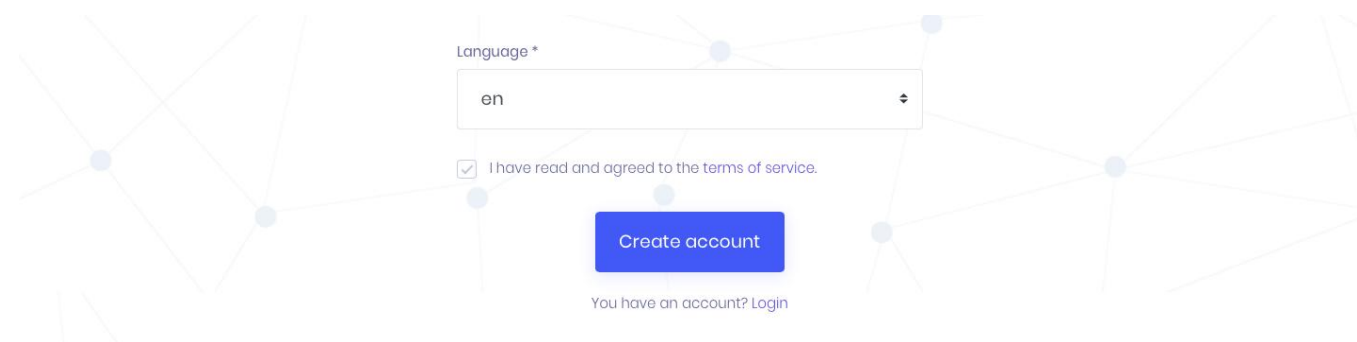
[You have a registration or voucher code?](#)

Your code Check

First name \* Last name \*

John Doe

Furthermore, you can optionally set the **language**. You have the choice between German (de), English (en), Spanish (es), French (fr), Polish (pl), Russian (ru) and Arabic (ar). Check the box to acknowledge the terms of service. Then click on the "**Create account**" button.

A screenshot of the registration form showing the final step. A "Language \*" dropdown menu is set to "en". Below it is a checked checkbox for "I have read and agreed to the terms of service." and a blue "Create account" button. At the bottom, there is a link "You have an account? Login".

Language \*

en

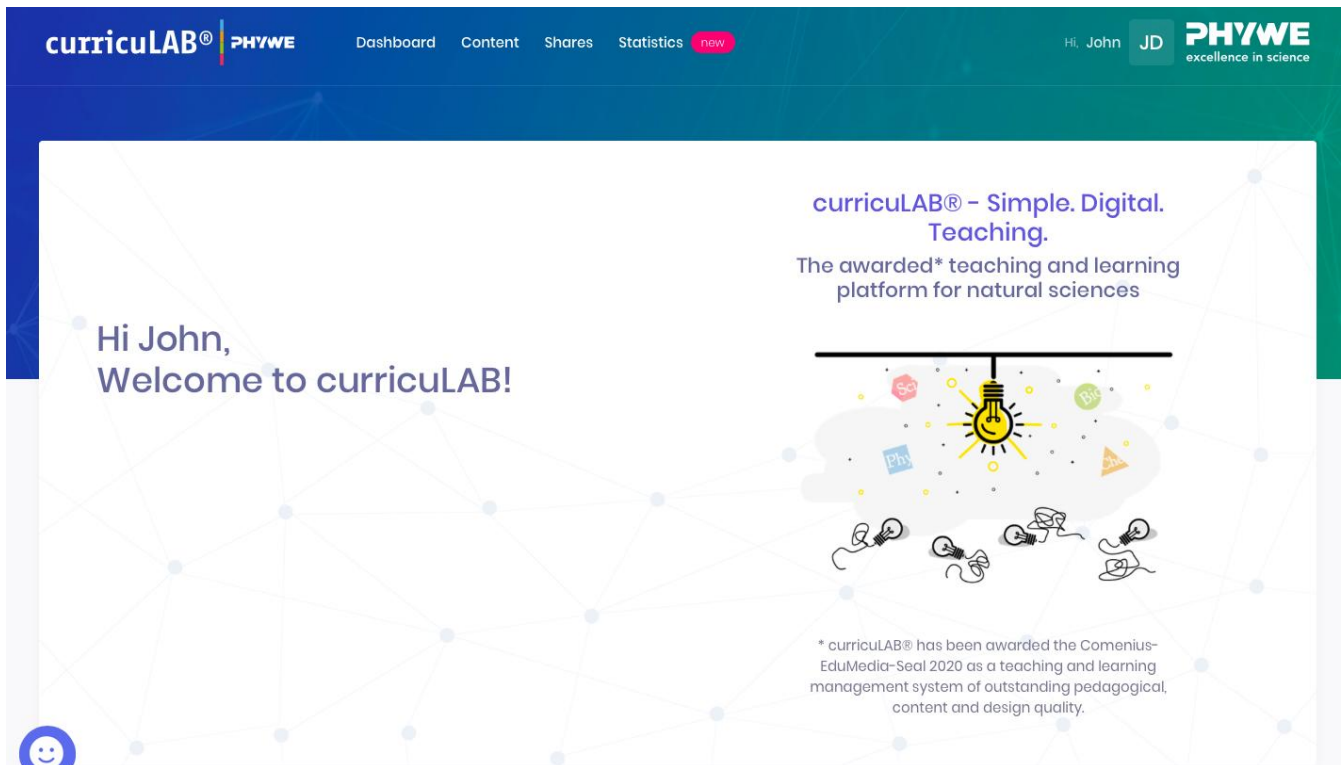
☒ I have read and agreed to the terms of service.

Create account

[You have an account? Login](#)

You can view the **terms of service** directly by clicking on "[terms of service](#)". It contains the following paragraphs: Subject matter of the agreement, terms of service, license fees, installation and training, liability, warranty, updates, duration of the agreement and miscellaneous.

Your account is now almost ready. Please check your emails afterwards. All you have to do is click on the link that was sent to your chosen email address. Now you have access to the system and can log in with your e-mail address and the password you have chosen.

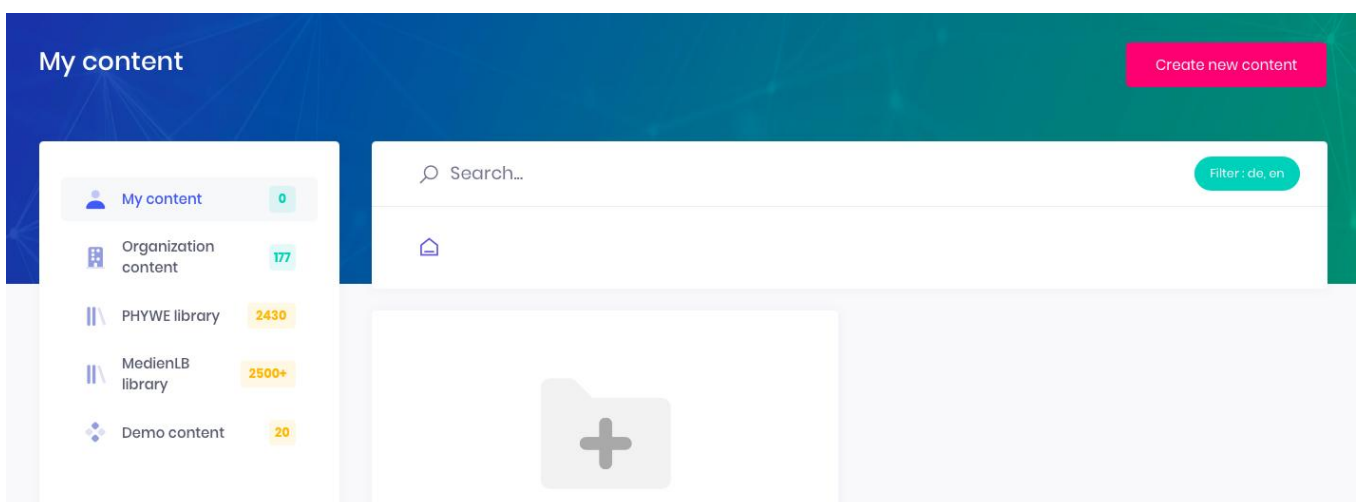


## 2 FIND CONTENT

To access the content, click on **"Content"** in the bar at the top of the curriculaLAB homepage.



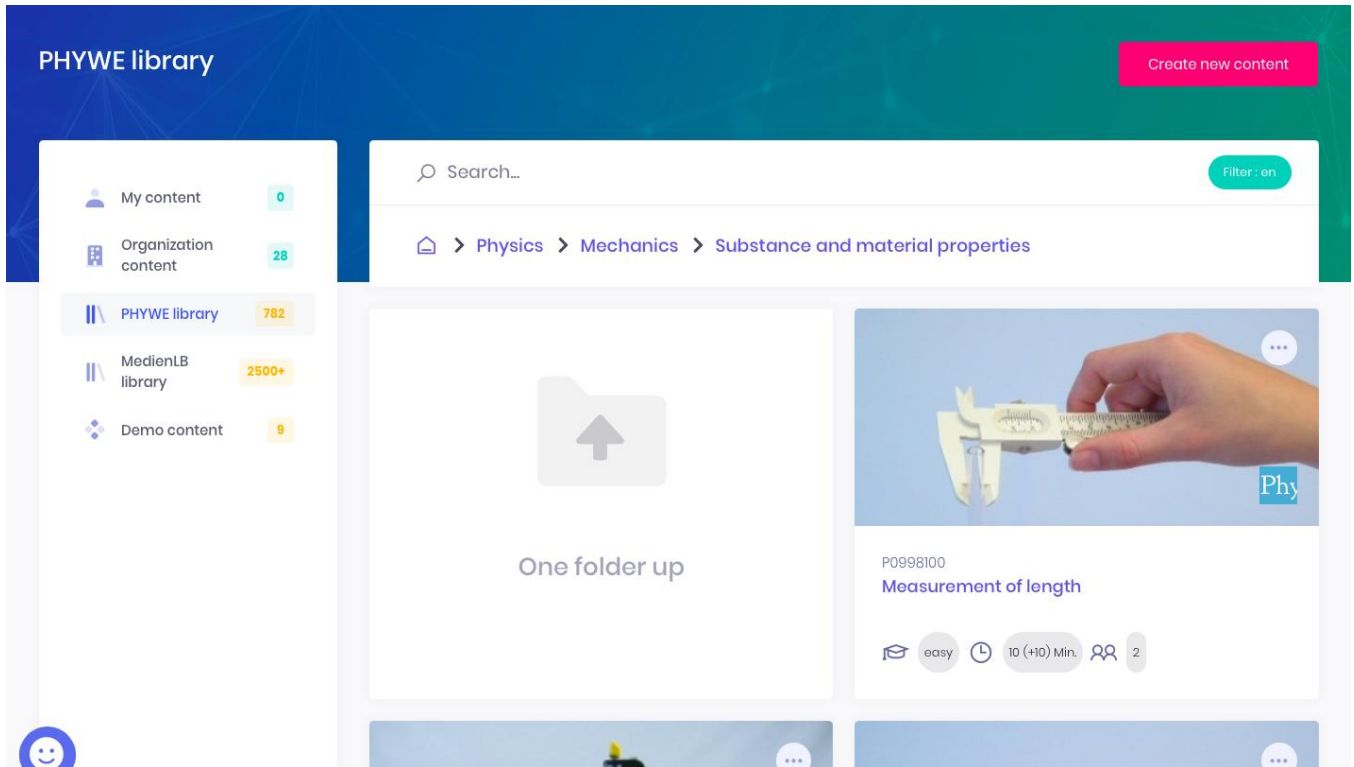
In the left column you will find the menu with the different content areas. In the area **"My content"** you can store your own content. These are only visible to you. Under **"Organization content"** you will find the content that can be viewed by all users of the organization.



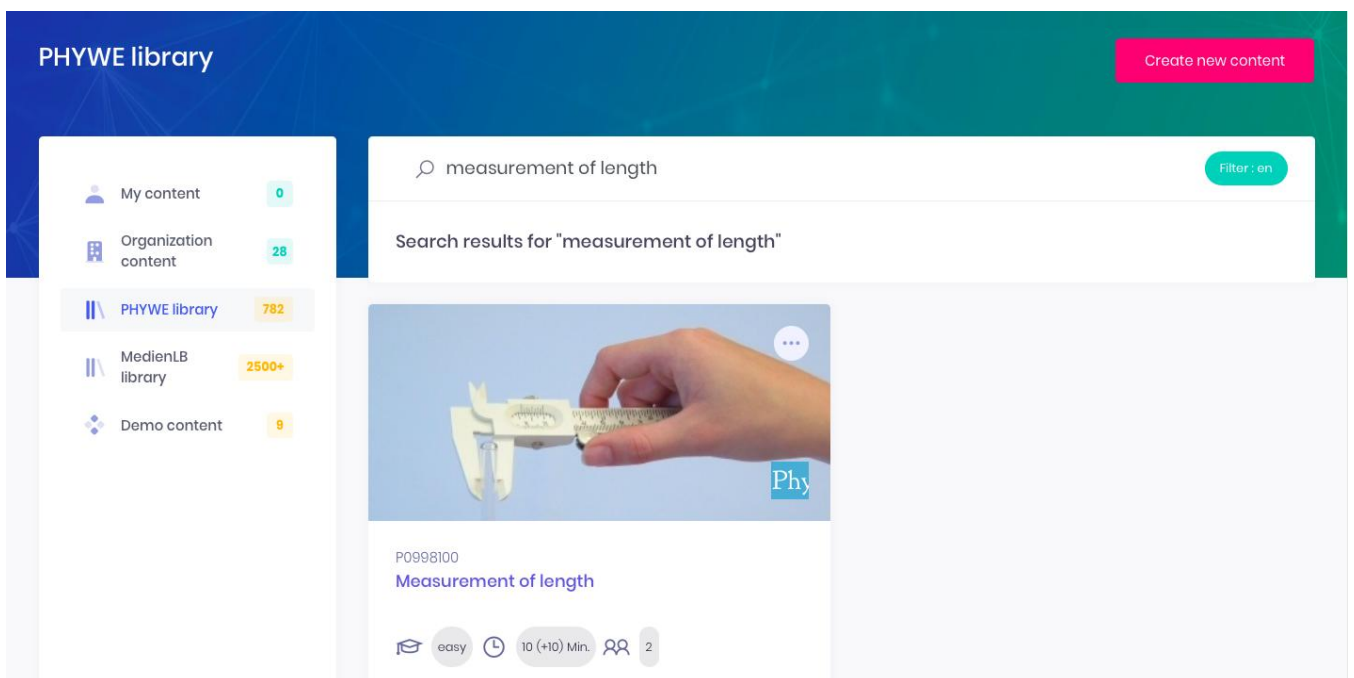
If you have purchased a license, you can find content in the **"PHYWE Library"**. Here you can click through the folders and topics

in the different sciences (e.g.: > Physics > Mechanics > Substance and material properties). If you click on the green button **"Filter"** in the upper right corner, you can change the language selection.

The individual experiment can be found in the tiles. In addition to the image, you can also view the experiment number (e.g.: P0998100) and the experiment title for each experiment (e.g.: Measurement of length). In addition, the symbols under the title provide you with information about the difficulty, the duration of the preparation (+execution) and the recommended group size for the respective experiment.

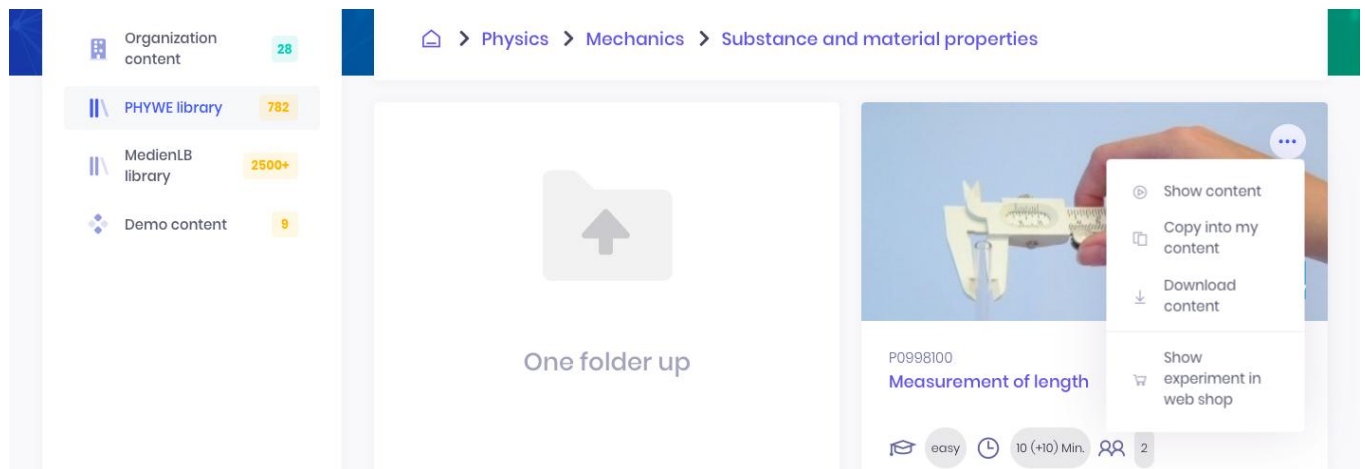


Alternatively, you can use the search bar to find specific content by entering the experiment number in the form PXXXXXXX or by entering keywords.

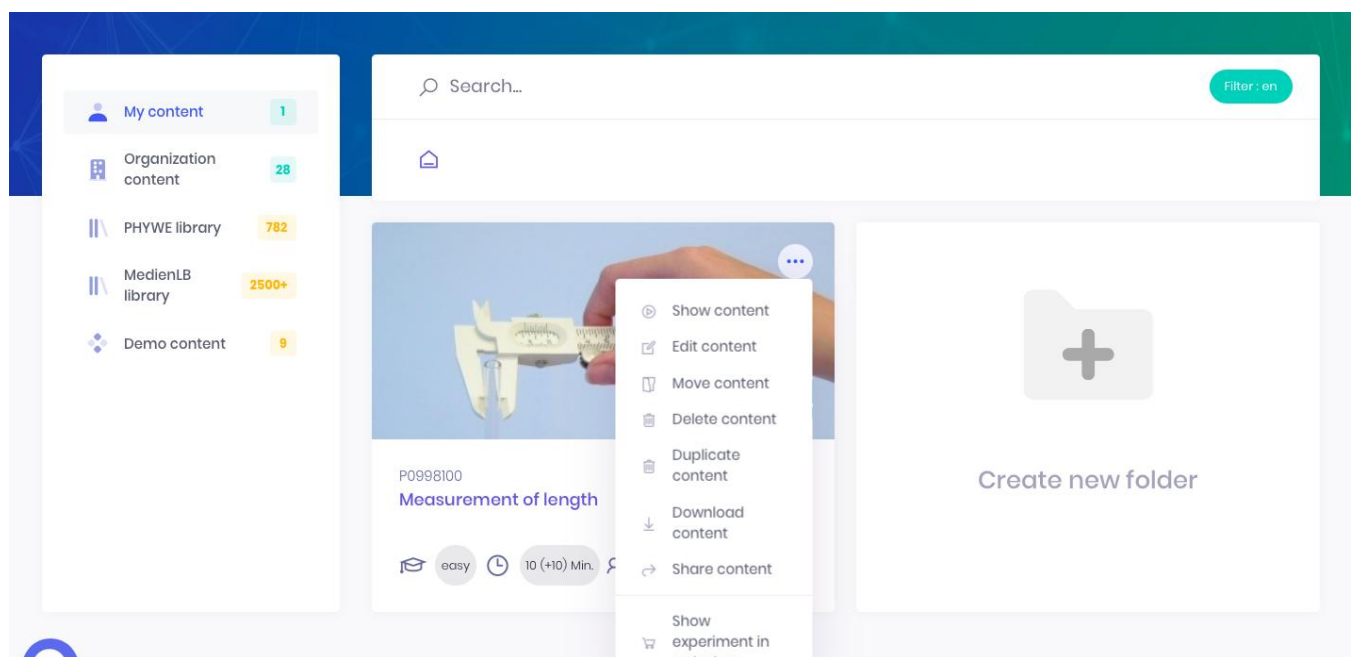




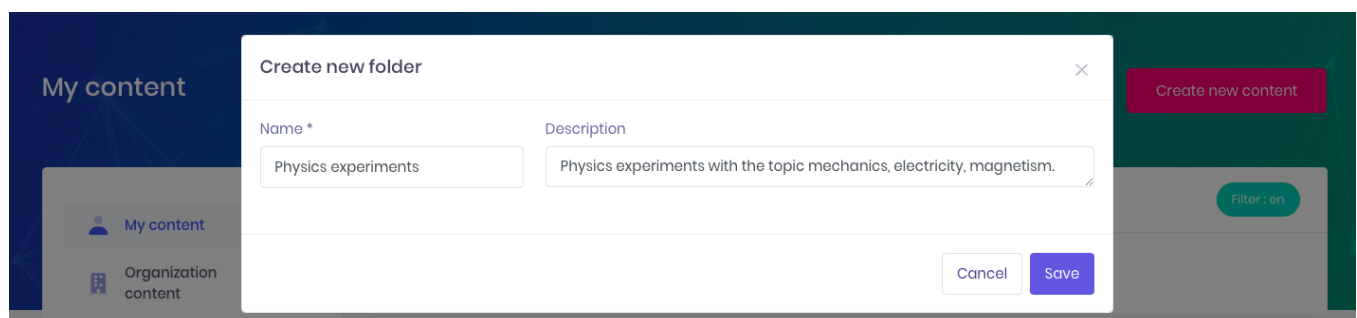
You can open the context menu of the experiment by clicking on the button with the three dots. Here you can display, copy or download the content. If you click on the item **"Show experiment in web shop"**, you will be forwarded directly to the web shop (<https://www.phywe.com>) and can view the corresponding experiment and further information.



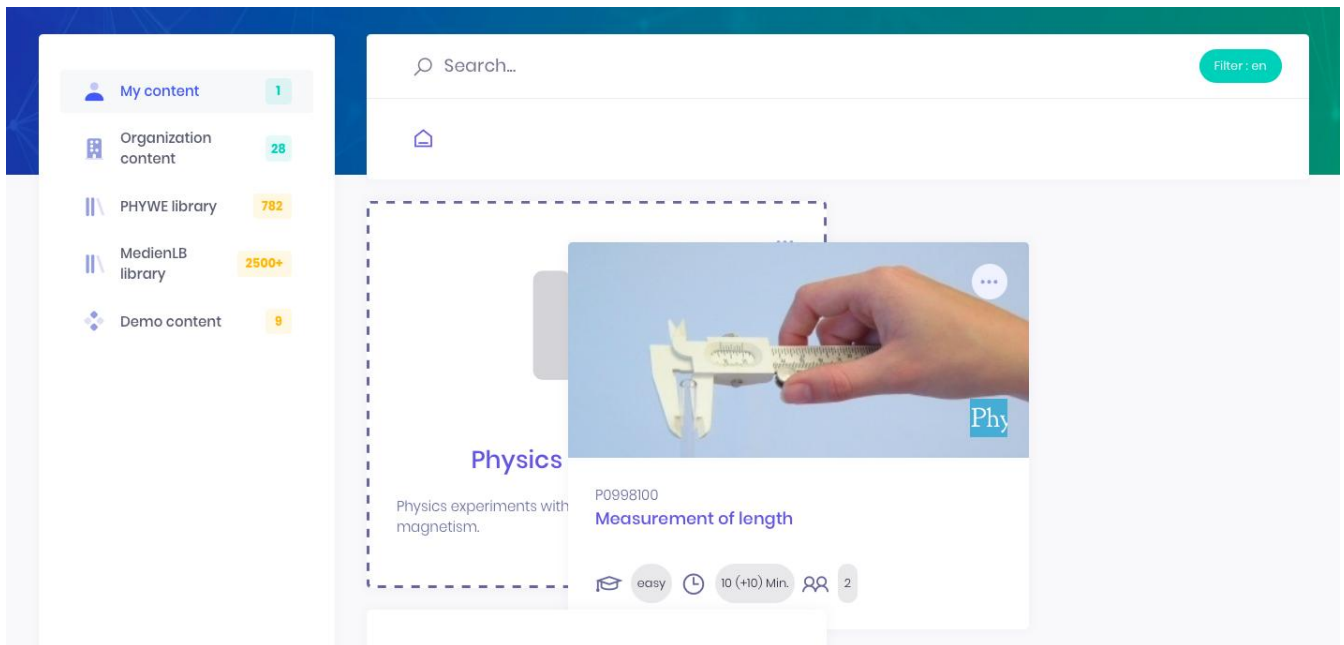
If you copy the experiment into your content, the experiment appears in the **"My content"** area. There you will find further functionality in the context menu to edit, move, delete, duplicate or share the content.



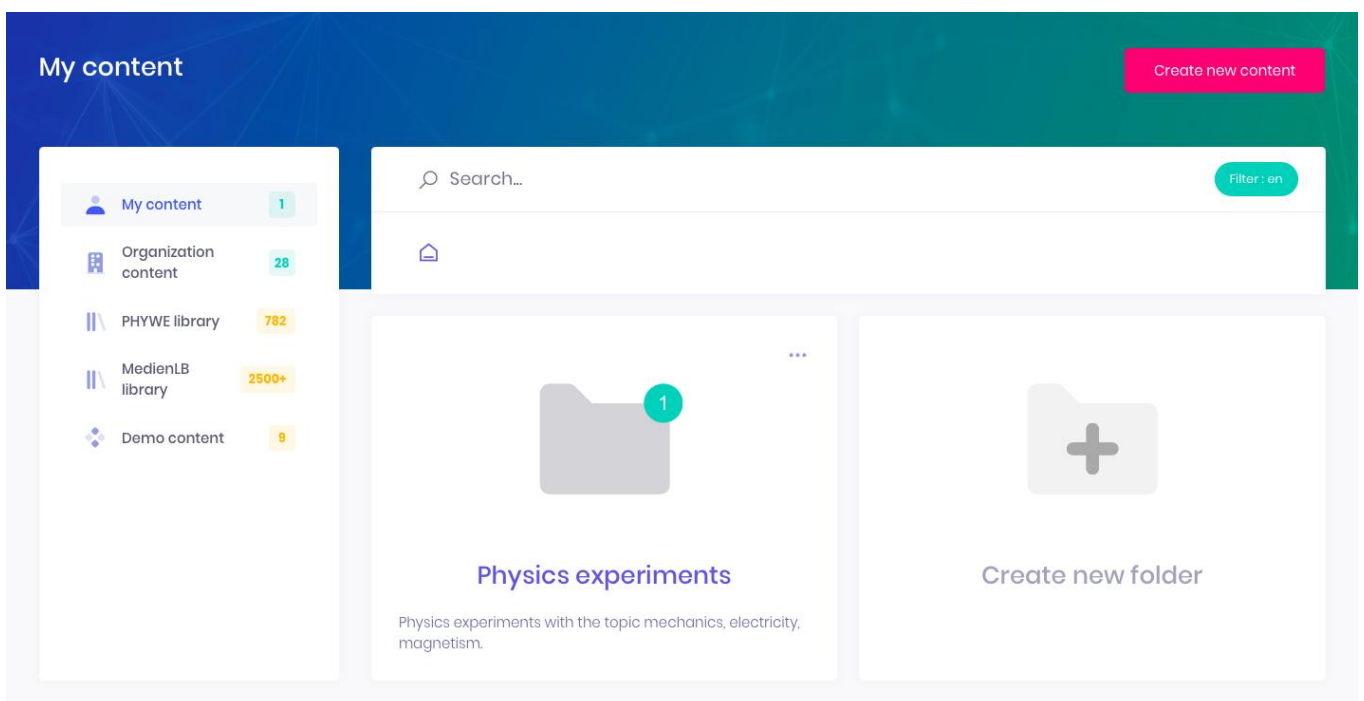
In the **"My content"** area, you can also create folders to structure your content. To do this, click on the tile with the folder icon + "Create new folder". Then please enter the name of the folder as well as a short description.



Now you can move your experiments with the help of the context menu or you can use the simple and fast function of "Drag and Drop". To do this, hold down a experiment and drag it to the desired folder. As soon as the folder shows a black dashed border, you can release the experiment.



The experiment has now been moved to the folder. It is also possible to create subfolders according to the same principle. This way you keep a good overview even with a large amount of content.

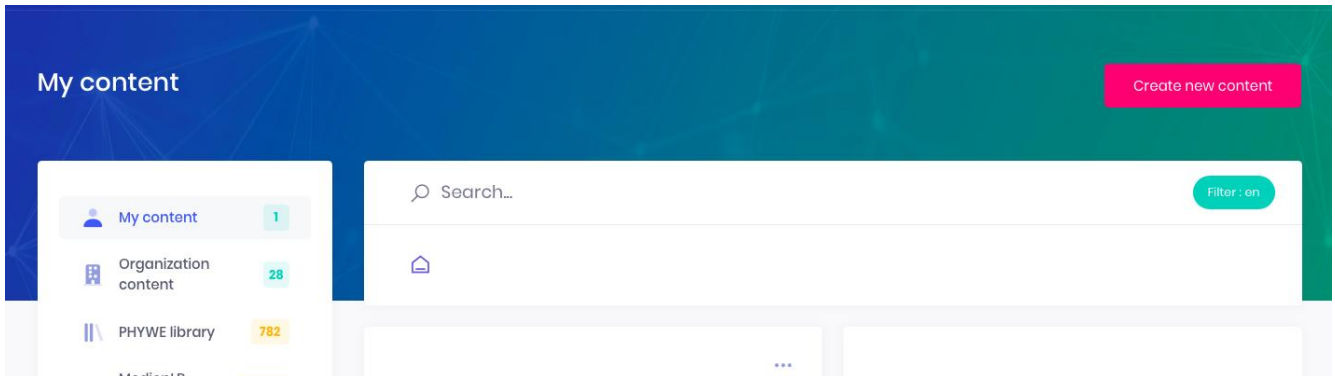


### 3 CREATE AND EDIT CONTENT

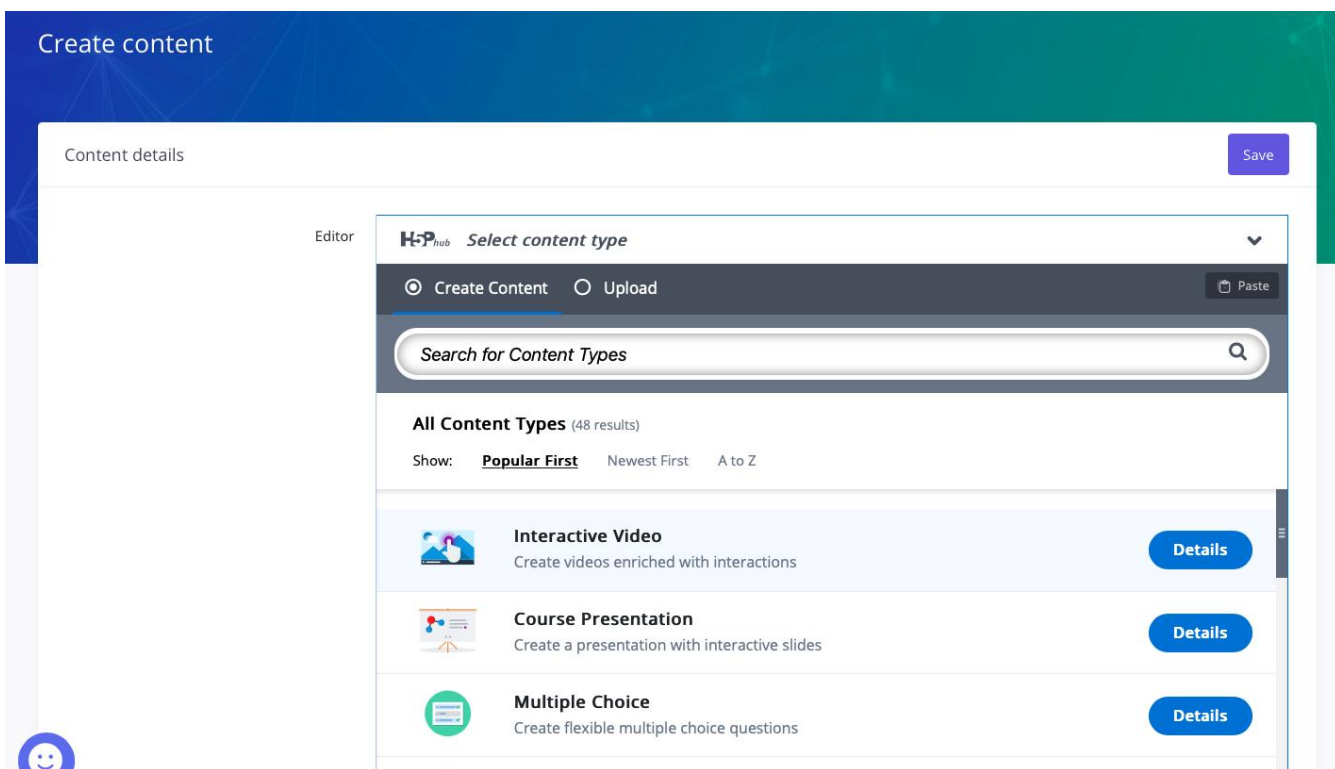
On the start page of curricuLAB, click on **"Content"** in the bar at the top.



To create a content, click on the red button **"Create new content"** on the right.



Now you can choose from more than 40 interactive content types to create your own content. The format for the creation is called **"H5P"**. Go to "<https://h5p.org/content-types-and-applications/>" for more information about each content type and an illustrative example.



A content type is explained below as an example. Select **"Course Presentation"** and wait until the content type finishes loading.



Content details

Save

Editor

H<sub>2</sub>O<sub>2</sub>hub Course Presentation

TutorialExample

Copy

Paste & Replace

The microscope

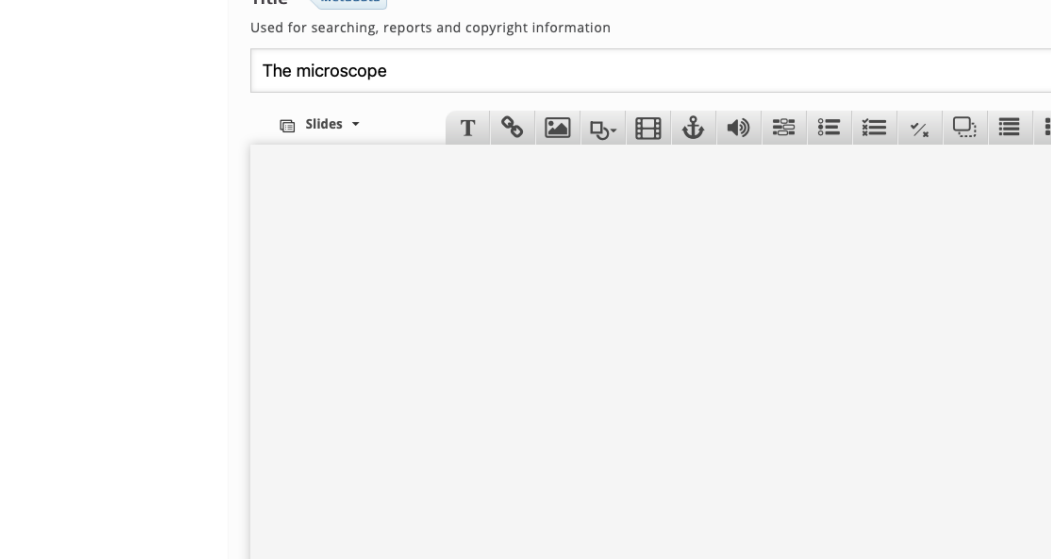
Title \* Metadata

Used for searching, reports and copyright information

The microscope

Slides

TLinkImageVideoFilmAnchorSpeakerListTableListTableList



The screenshot shows a Beamer presentation slide. The title bar at the top reads "The microscope". Below the title, there is a "Title" label with a red star icon and a "Metadata" button. A subtitle below the title states: "Used for searching, reports and copyright information". The main content area contains the text "The microscope". The Beamer navigation bar at the bottom includes icons for slides, search, and other navigation functions. The status bar at the very bottom shows "1 / 1", indicating the current slide number and total slide count.

Slides ▾ T 🔗 🖼️ 📄 🎬 ⚓ 🔊 📊 📋 ✎ ✂️ 🗑️ ☰ ⋮ 📌


Title \* Metadata


Used for searching, reports and copyright information


The microscope


Slides


T

































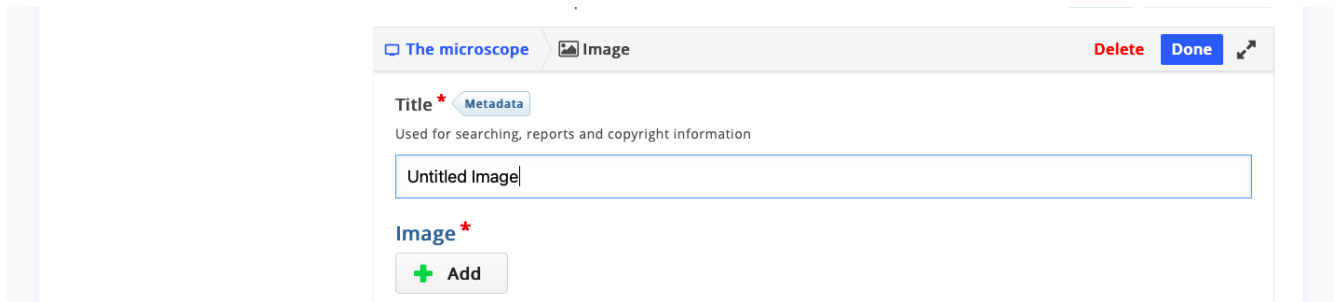




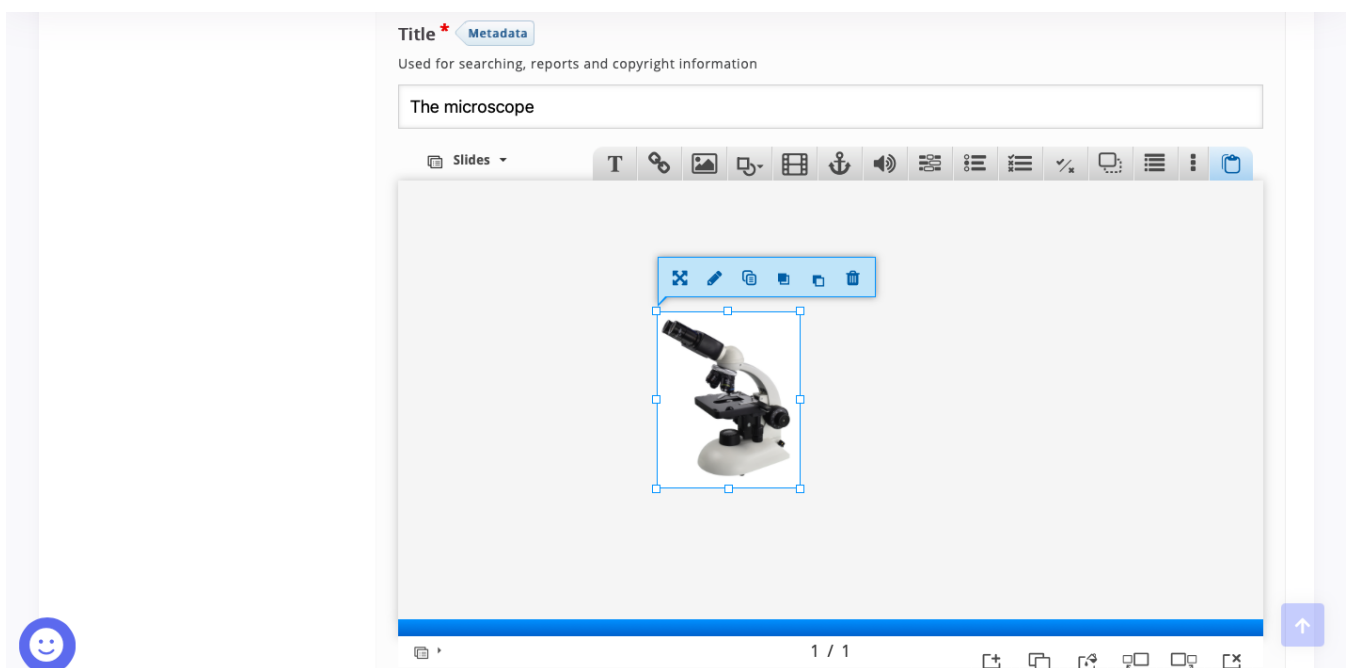




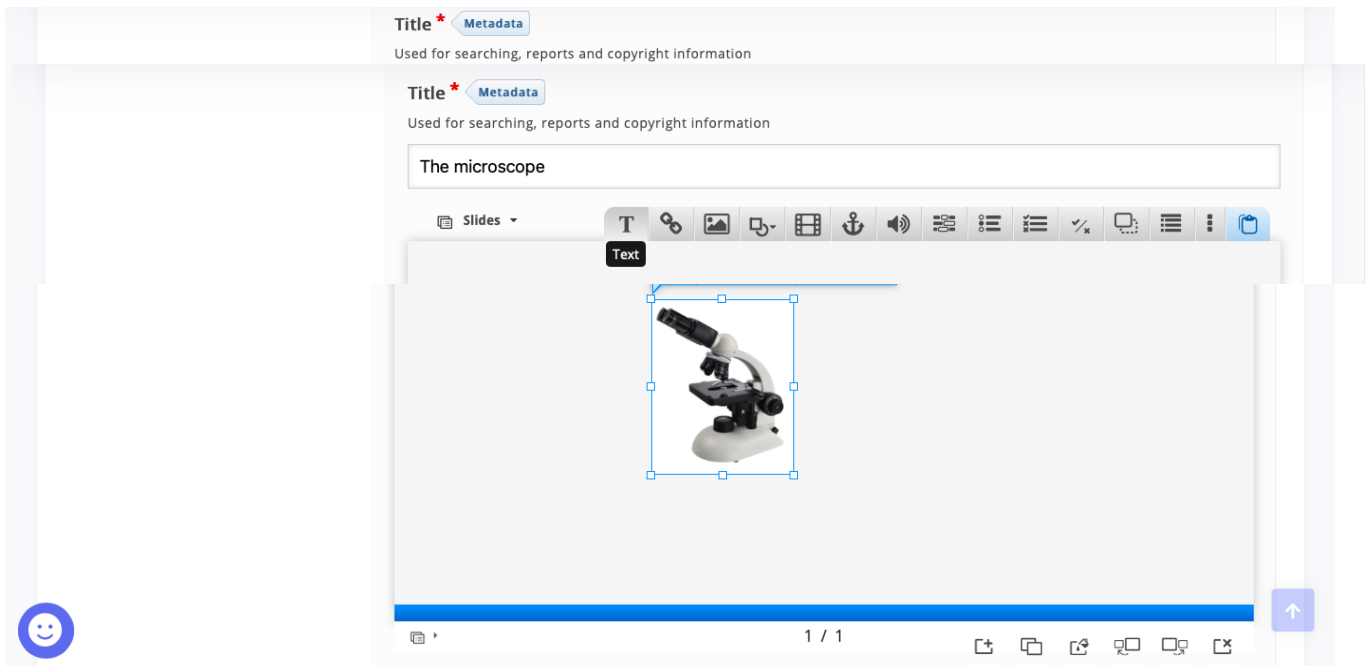
Then click on the button "+ Add". Now you can select an image from your files. Wait until the image is uploaded and displayed. Then you can click the button on the top right "Done".



You can now see your uploaded image on the slide. Here you have the option to change the size and move the image as desired. To zoom in, click with the mouse on the border, hold down and drag the image in length. To move the image, move the mouse to the image, hold down and move it to any position. You can edit the image using the blue icons.

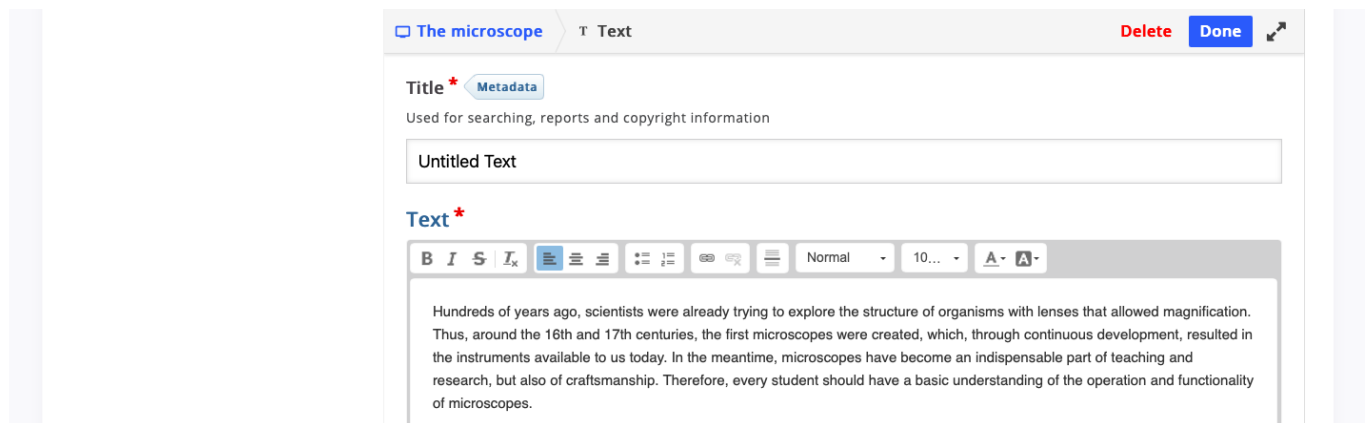


To zoom in and move the image, you can also click on the blue icon with the cross and enter the position and size of the image manually.

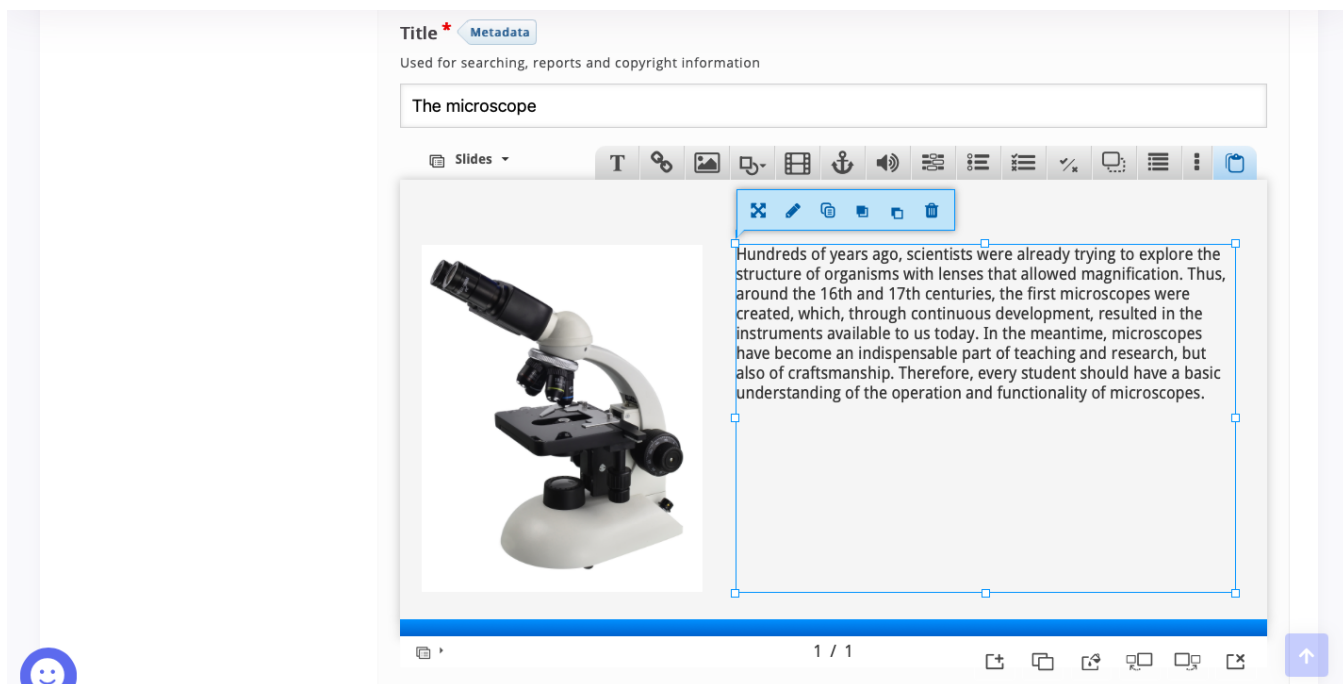


If you want to add a text click on the 1st icon from the left.

You will be redirected to a new window where you can enter the desired text in the text field. Once you are done you can click on the **"Done"** button in the top right corner.



Here you have again the possibility to edit the text field with the blue symbols.



In the bar at the bottom right you will find the settings for the slides. Here you can add new slides, duplicate slides or change the slide background. You can also move slides to the left or right and delete them.

If you move the cursor over the symbols again, the meaning of the symbol appears in each case.



Once you have finished editing the slides, you can scroll to the input fields below the content. Here you can add a short description of the content. You can also upload a preview image and select the topic. Multiple selection is possible here. The storage location is also defined by you here. Finally, click on the **"Save"** button to save the content.

The screenshot shows the input fields for the curriculum editor. It includes a 'Description' field with the placeholder text 'Short description of the content'. Below it is a 'Preview image' section with a grid of icons and a 'Select image' button. The 'Subjects' section has checkboxes for 'Phy', 'Che', 'Bic', 'MINT', and 'Sci'. The 'Storage location' section has radio buttons for 'My content' and 'Organization content'. The 'Subfolders' section has a checkbox for 'Physics experiments'. At the bottom, there is a 'Save' button and a 'Cancel and back' button.

Once you have saved the content, you can go to the location in your content and find the content you just created.

The screenshot shows the PHYWE curriculumLAB dashboard. At the top, there's a navigation bar with 'curricuLAB® PHYWE', 'Dashboard', 'Content', 'Shares', 'Statistics', and a 'new' badge. The user is logged in as 'Hi, John JD'. The main section is titled 'My content' and includes a 'Create new content' button. On the left, a sidebar lists content categories: 'My content' (2), 'Organization content' (177), 'PHYWE library' (2430), 'MedienLB library' (2500+), and 'Demo content' (20). The main area displays a search bar and a list of content items. The first item is 'Physics experiments' with a folder icon and a '1' badge, described as 'Physics experiments with the topic mechanics, electricity, magnetism.' The second item is 'The microscope' with a microscope image and a '1' badge, described as 'In this content the microscope is presented and its history is explained.'

If you click on the content you will get to the preview mode. Here you can view and download the created content. You get into the edit mode when you click on the button "**Edit content**".

The screenshot shows the 'The microscope' content in preview mode. The title 'The microscope' is at the top. Below it, there's a large image of a microscope on the left and a text block on the right. The text reads: 'Hundreds of years ago, scientists were already trying to explore the structure of organisms with lenses that allowed magnification. Thus, around the 16th and 17th centuries, the first microscopes were created, which, through continuous development, resulted in the instruments available to us today. In the meantime, microscopes have become an indispensable part of teaching and research, but also of craftsmanship. Therefore, every student should have a basic understanding of the operation and functionality of microscopes.' At the bottom, there's a blue progress bar and a '1 / 1' indicator. Below the preview, there are two buttons: 'Edit content' and 'Download content'.

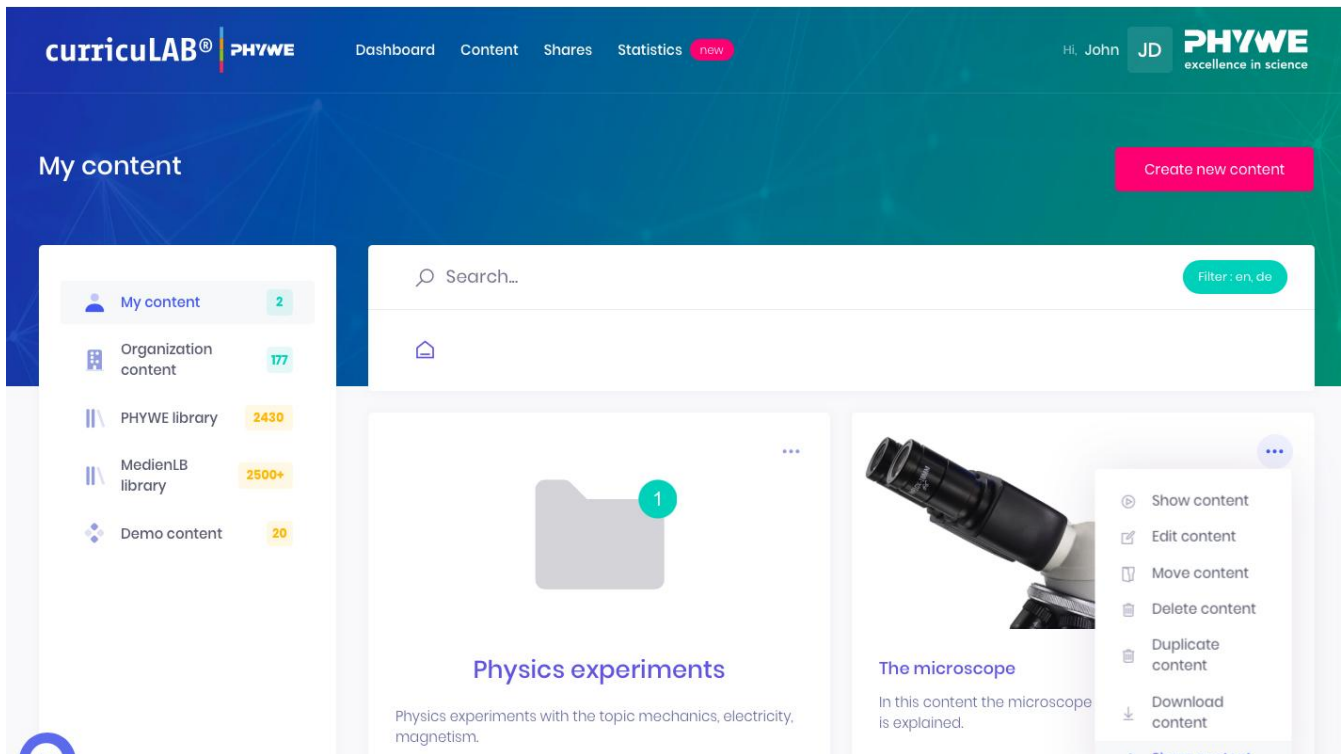


## 4 SHARE CONTENT

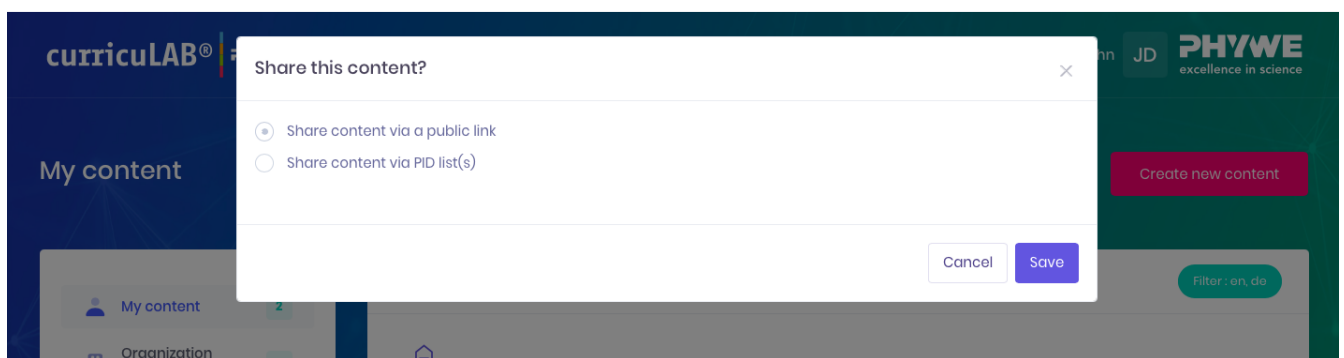
You can share the content you have created with your colleagues or students. There are two ways to do this, which are explained below.

### 4.1 Share content via a public link

First, select the content you want to share. To do this, go to **"My content"** under the menu item Content. You can only share content from this section. If you want to share content from another library, you must first copy the content to your content as in (2. Find content). Click the context box of the content you want to share, and then select **"Share Content"**.



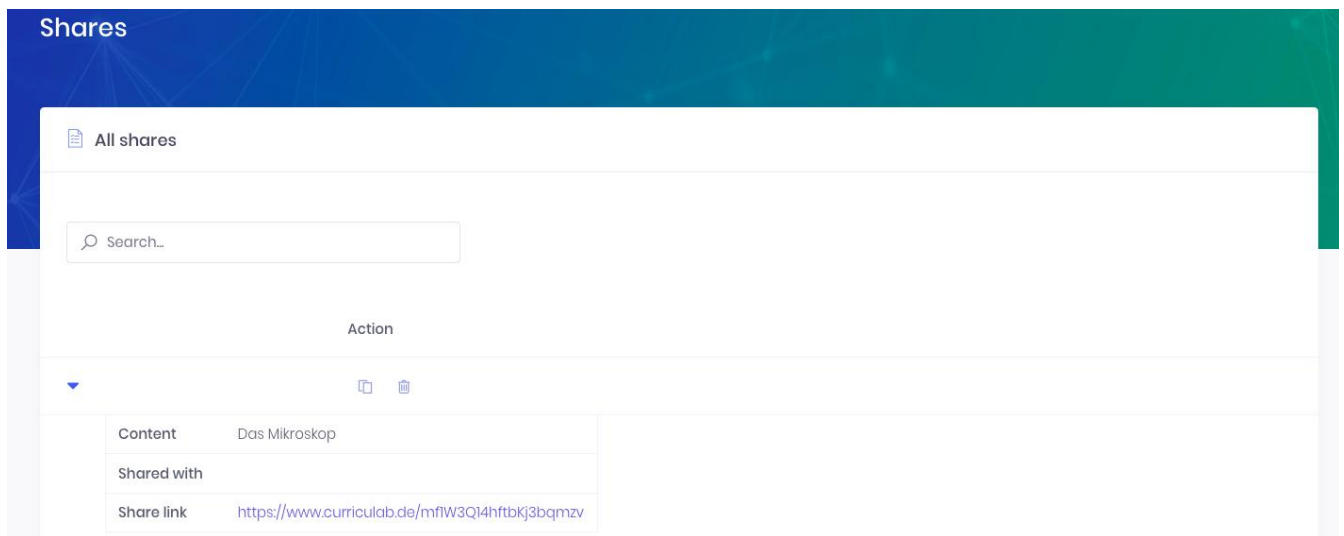
Click the **"Save"** button to share the content via a public link.



To access the shares, click on **"Shares"** in the bar at the top of the curriculaLAB homepage.



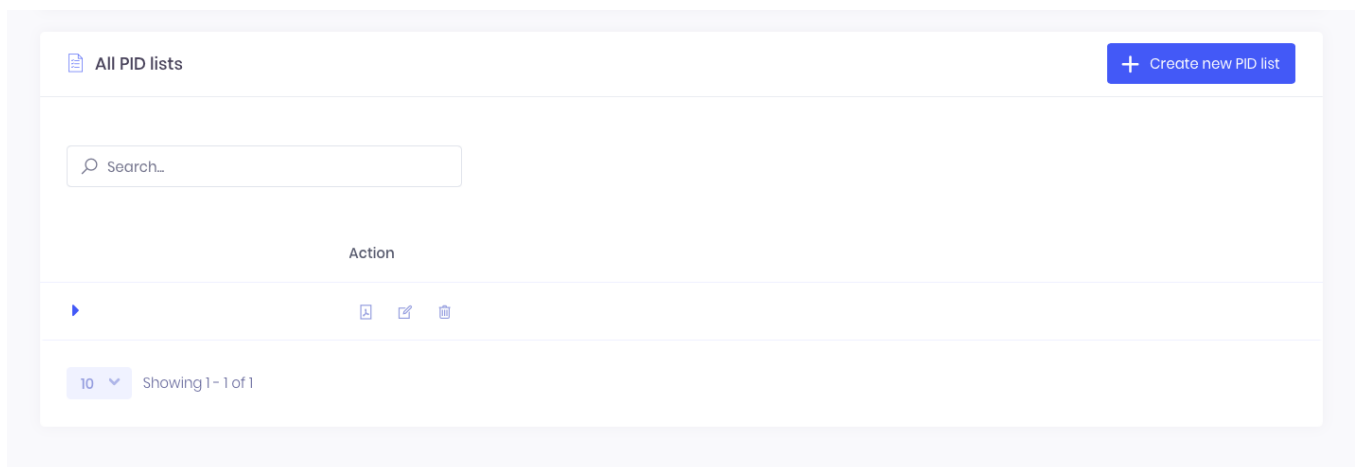
Here you can view and manage your created links. In the right column "Action" you can copy or delete the share link.



#### 4.2 Sharing content via a PHYWE-ID list

The curricuLAB platform offers the possibility to create so-called PHYWE-ID lists. This makes it easier for you to share content with a selection of people who are each assigned a randomly generated PHYWE-ID number sequence and can view the shared content.

The first step is to create a PHYWE-ID list. To do this, go back to the **"Shares"** menu and scroll down until the list of PHYWE ID lists appears. Then click on the button **"+ Create new PHYWE-ID list"**.



Enter the title and a short description of the PHYWE-ID list here. You can optionally specify a validity date if desired. Now select the number of PHYWE-IDs. In the example, the content is to be released for a group of 6 people. Then confirm your entries and save the created list by clicking on the **"Save"** button.

## Create PID list

### PID list details

Title \*

Description

Expiration

If you only want the PIDs to be valid up to a certain date. The date specifies the last day of validity.

Number of PIDs \*

Preview

xxx-xxx-xxx

xxx-xxx-xxx

xxx-xxx-xxx

xxx-xxx-xxx

xxx-xxx-xxx

xxx-xxx-xxx

\* = Input required



Save

Cancel

You will now find your PHYWE ID lists listed under the **"Shares"** menu.

### All PID lists

+ Create new PID list

Search...

Action

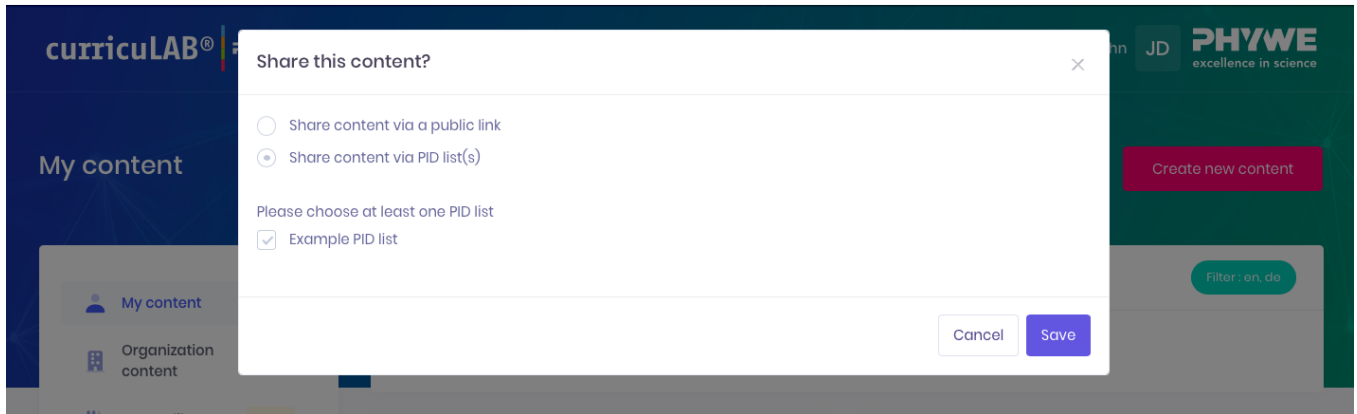


Title	Example PID list
Description	This list is an example for PID list.
Expiration	January 1, 2022
PIDs	6

10 Showing 1 - 1 of 1

Now your content can be shared via the created PHYWE-ID list. Repeat the first steps from 4.1. When you click on **"Share content"** in the context menu, this time select **"Share content via PHYWE-ID list(s)"**. Place a check mark next to your created

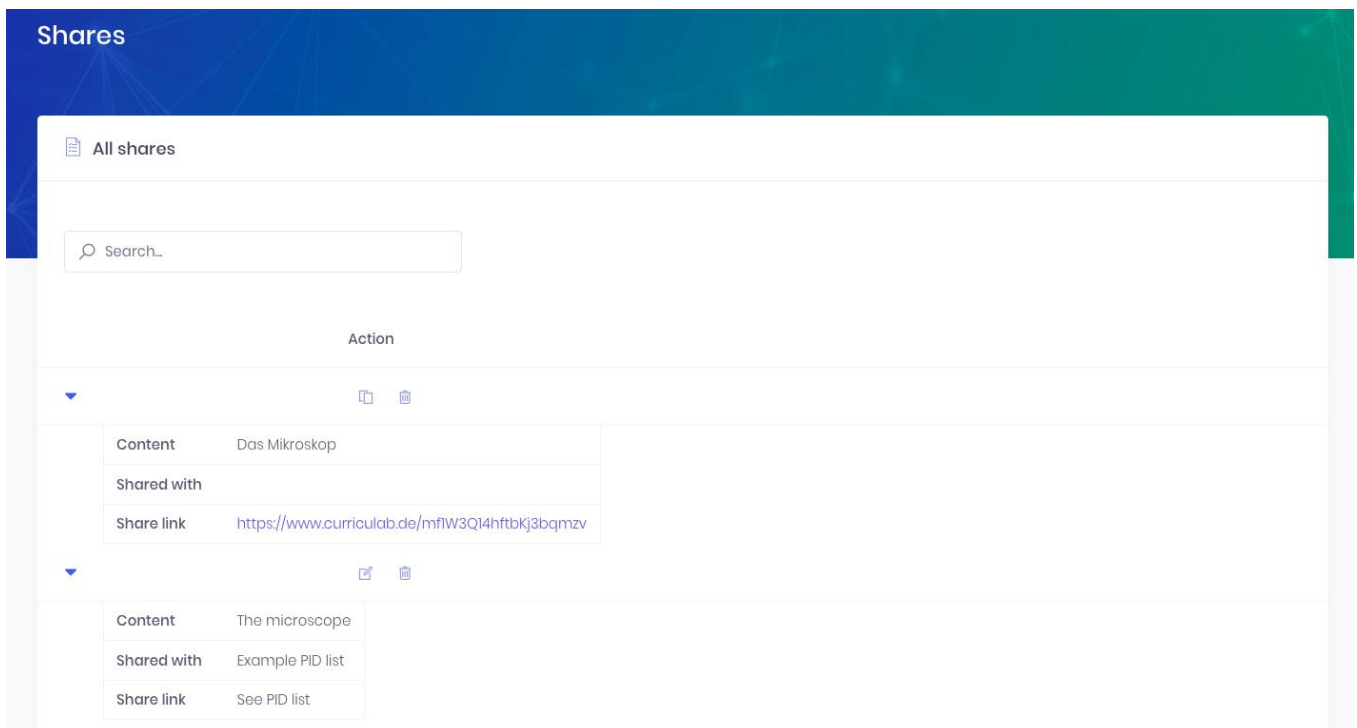
PHYWE-ID list and click on the **"Save"** button.



To access the shares, click on **"Shares"** in the bar at the top of the curriculaLAB homepage.



Here you can view and manage all your shares by links and those by PHYWE-ID lists. In the right column "Action" you can edit or delete the share by PHYWE-ID list.



## 5 VIEW STATISTICS

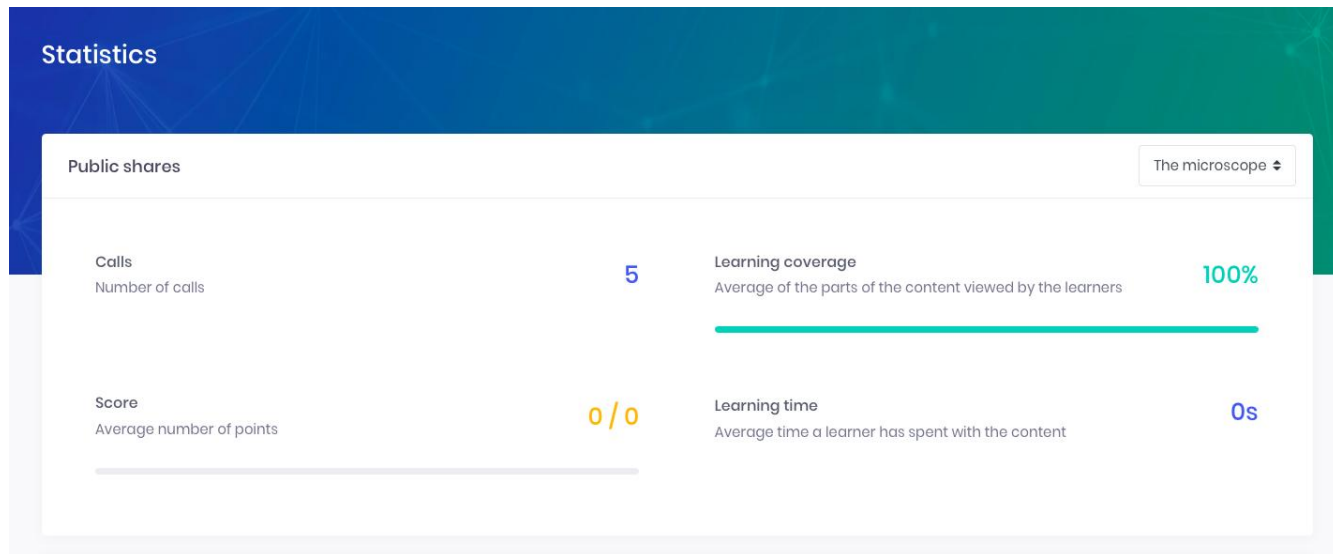
### 5.1 Statistics for public shares

To view the statistics, click on **"Statistics"** in the bar at the top of the curriculaLAB homepage.



Under "Public shares" you can view the statistics for your shared links. The number of views your share link has received is displayed. You can also see what percentage of your content has been viewed by people. If there are tasks in your content, the average score achieved can be viewed here. You can also see how long people spent viewing your content on average.

In the example below, the content "The Microscope" is selected. You can switch between your content by clicking on the title of the current content in the top right corner and then selecting another shared content.

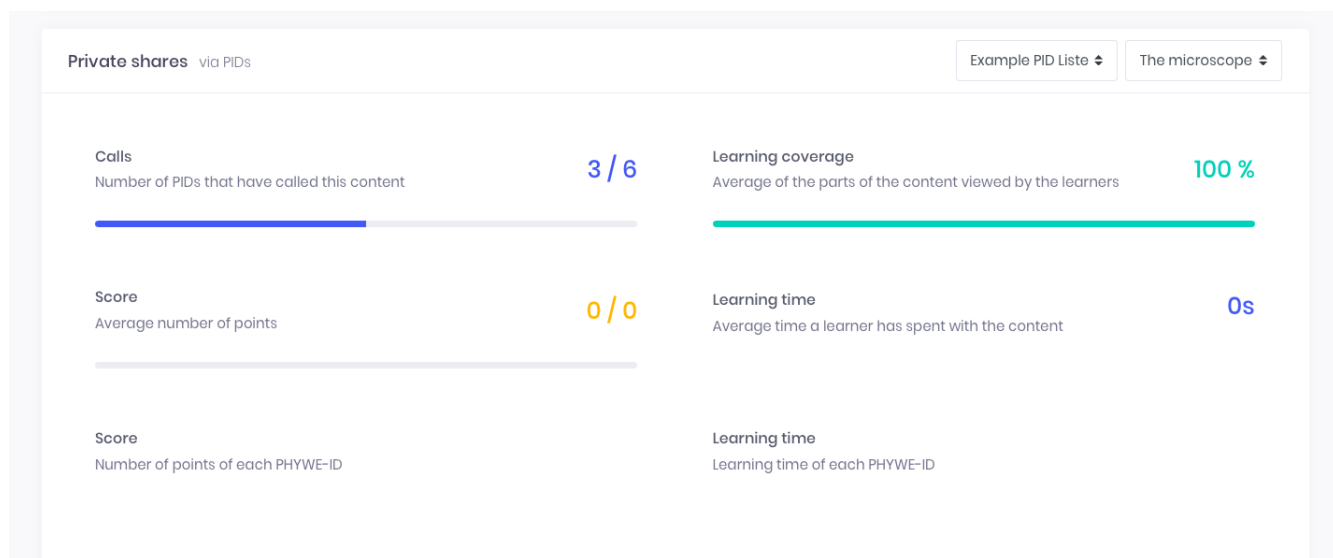


## 5.2 Statistics for private shares with the PHYWE-ID list

To view the statistics for the private shares you have shared using the PHYWE ID lists, click on "Statistics" in the bar at the top of the curriculaLAB home page.



Scroll down to "Private shares via PHYWE-IDs". Here you will see the same statistics as in 5.1, but in addition you will see the score and learning time of each individual person who has been assigned PHYWE-IDs.



## 6 PROBLEMS

In case of technical problems or questions and remarks about the curriculaLAB site, please feel free to contact us at the mail address [support@mg.curriculab.de](mailto:support@mg.curriculab.de).