

Presenting person

MathCityMap

Module 4: Student Accounts




Deutschland
Land der Ideen



Ausgezeichneter Ort 2019



Problem Posing with MathCityMap

- Teachers wished for an active engagement of their students in Problem Posing in MathCityMap
 -  Student Accounts as a development in the MATRIX project
- The features allows students to create their own task in the MathCityMap system

Problem Posing with MathCityMap

Idea of the Student Accounts:

- No personal data on the side of the students is required
- Simplified task creation process in the web portal
- Teacher has control of the students' accounts and tasks
- Integration of a peer-review system

 Since its release: several tests with teachers and students, mostly positive feedback

How to create and use Student Accounts with my class?

Web Portal: Home View

Web portal

Test our new image upload via QR code (beta!)

Nina Hoppe Level: 10
Role: user

Trails Create and manage

Tasks Create and manage

Groups Create and manage

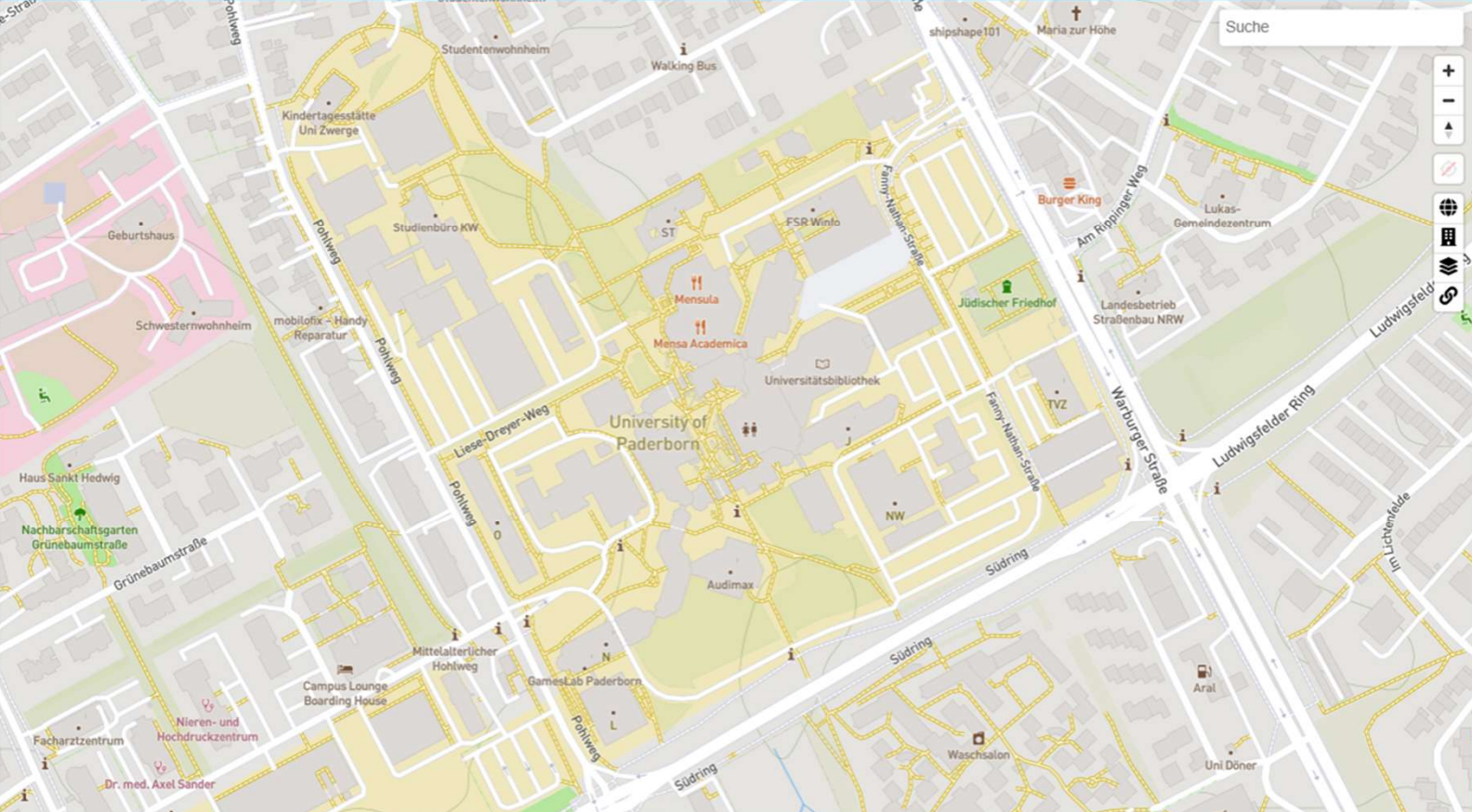
Profile Personal data, statistics

Community Partner schools and Activities

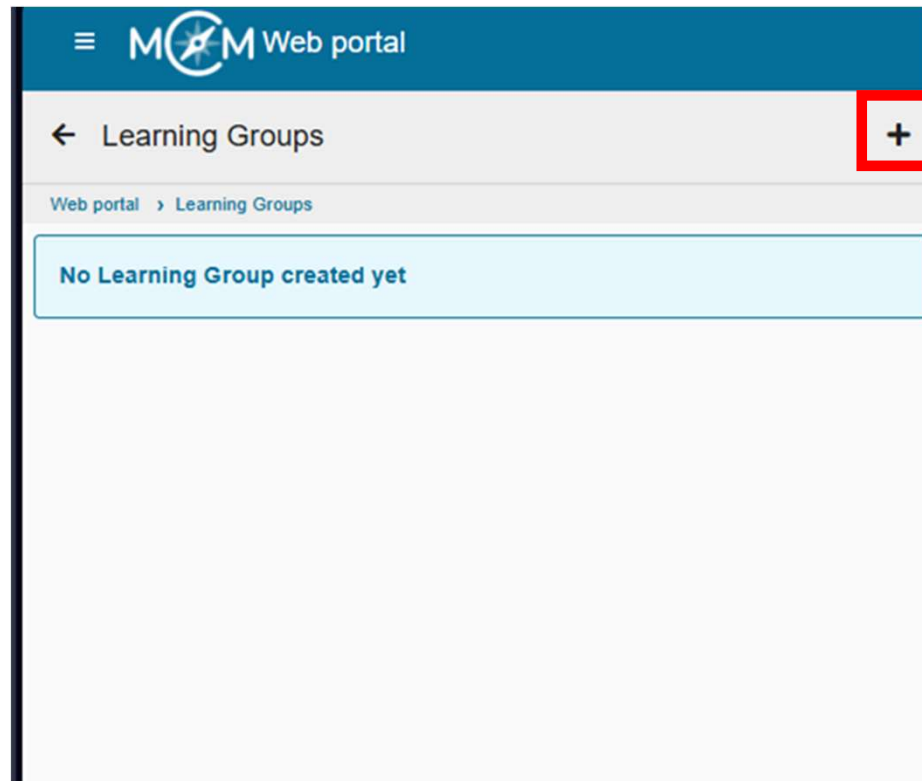
Student-Accounts Manage your students and their access **BETA**

v.3.30.1

News feed



Create a Learning Group



Enter data of your Learning Group

☰ MCM Web portal

← Create Learning Group

Web portal > Learning Groups > Learning Group create

Basic Data

Learning Group Title *

Learning Group ShortCode *

Auto Uppercase

Number of Students

0

CREATE LEARNING GROUP!

☰ MCM Web portal

← Create Learning Group

Web portal > Learning Groups > Learning Group create

Basic Data

Learning Group Title *

Math Class

Learning Group ShortCode *

MC

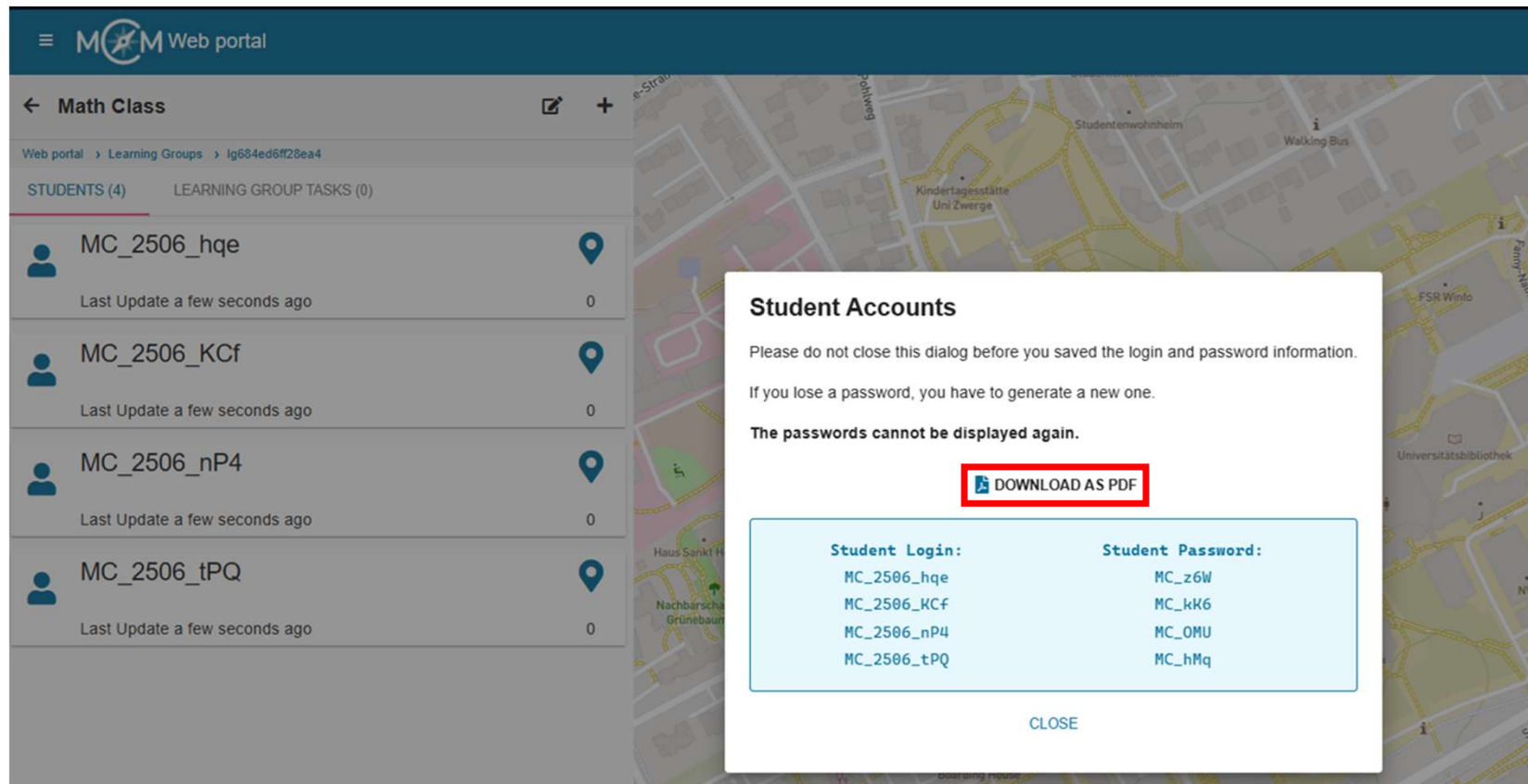
Auto Uppercase

Number of Students

4

CREATE LEARNING GROUP!

Save the student Logins and Passwords



The screenshot shows the MCM Web portal interface. On the left, there is a sidebar with a 'Math Class' header and a list of four student accounts. Each account entry includes a user ID, the text 'Last Update a few seconds ago', and a location pin icon. The main area of the page is a map. A white dialog box titled 'Student Accounts' is overlaid on the map. The dialog contains the following text:

Student Accounts

Please do not close this dialog before you saved the login and password information.

If you lose a password, you have to generate a new one.

The passwords cannot be displayed again.

[DOWNLOAD AS PDF](#)

Student Login:	Student Password:
MC_2506_hqe	MC_z6W
MC_2506_KCf	MC_kK6
MC_2506_nP4	MC_OMU
MC_2506_tPQ	MC_hMq

CLOSE



Student Log In

MathCityMap

GET IT ON Google Play | Download on the App Store

- Start
- Portal
- Tutorials
- MathJax Tutorial
- Publications
- About us
- Contact us

Username or Email

Password

log in

[Forgot?](#) [Register](#)

Una giornata di Matematica all'aperto.

MathCityMap partner school

Scuola Secondaria di Primo Grado di Remanzacco

New Partner School in Italy! [\[Read the article\]](#)

- PORTAL
- TUTORIALS
- PUBLICATIONS
- NEWS



Date: 9. June 2025 | By: Leonie Horsch | Category: General | No Comments

A MathCityMap Workshop Day with Students

Over the past few months, our MathCityMap team has visited several schools to present the new Student-Account feature through workshops and introductory sessions. After exciting visits to Eberbach, Herten, and [...]

[\[Read the article\]](#)

The Project

MathCityMap is a project of the working group MATIS I (IDMI, Goethe-Universität Frankfurt a.M.).

In Cooperation with

stiftung rechnen

EU-Projects

Co-funded by the Erasmus+ Programme of the European Union

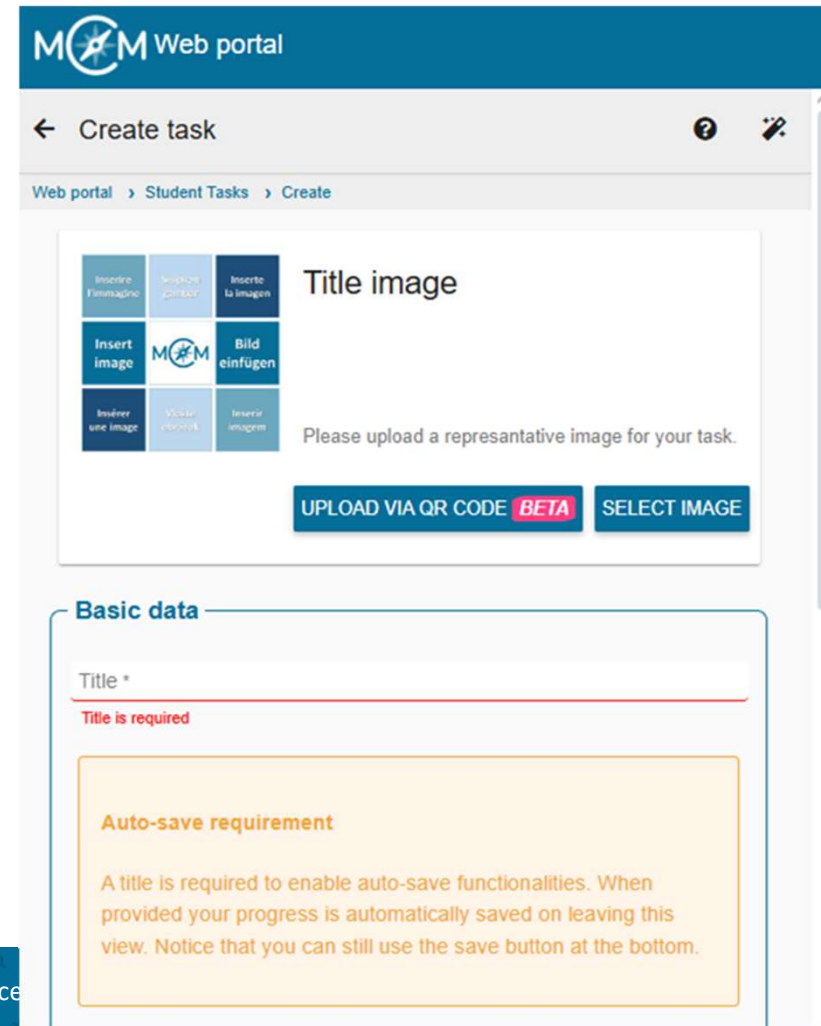
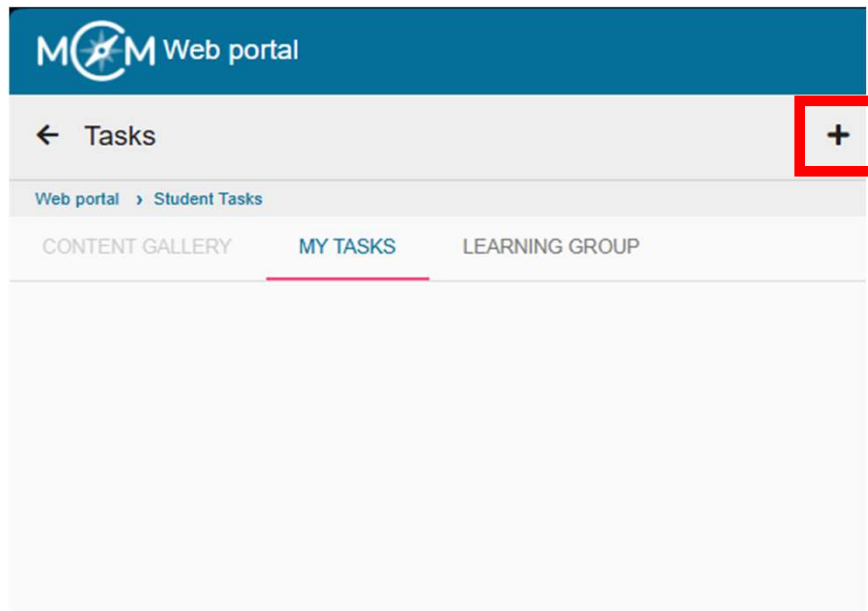
Languages

Home View in the Student Account

The screenshot displays the MOM Web portal interface. At the top left, the logo 'MOM Web portal' is visible. A search bar in the top right corner contains the text 'Suche'. Below the search bar, a user profile section shows a person icon, the name 'MC_2506_hqe', and the role 'Role: student'. A 'Tasks' section is highlighted with a red border, featuring a location pin icon and the text 'Tasks' and 'Create and manage'. The main area of the page is a map of Paderborn, Germany, showing various streets, landmarks like 'Schloß Neuhaus' and 'Sportgelände Universität', and a search bar in the top right corner of the map area.

- 1 zoom in please; describe/elaborate what you are doing, please do not only highlight the + it is confusing this way i think... if you do not know the system very well
Eva Schmidthaler; 22.10.2025

Create a Task



- 2 also: zoom in, also describe/elaborate what you are doing, please do not only highlight the + it is confusing this way i think... if you do not know the system very well
Eva Schmidthaler; 22.10.2025

Let's test student accounts!

3 Please form groups of three.

Each group needs

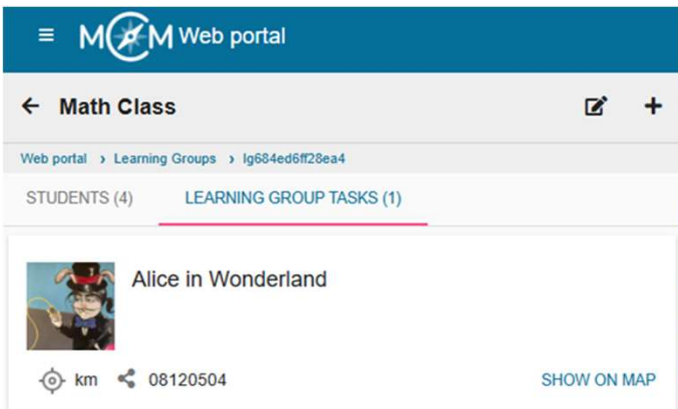
- measuring material,
- a student account log in,
- worksheets for task search outdoors.

3

maybe split the group forming and 2 steps into 2 slides, add some pictograms for clearer visibility

Eva Schmidthaler; 22.10.2025

Task View in the Web Portal



MOM Web portal

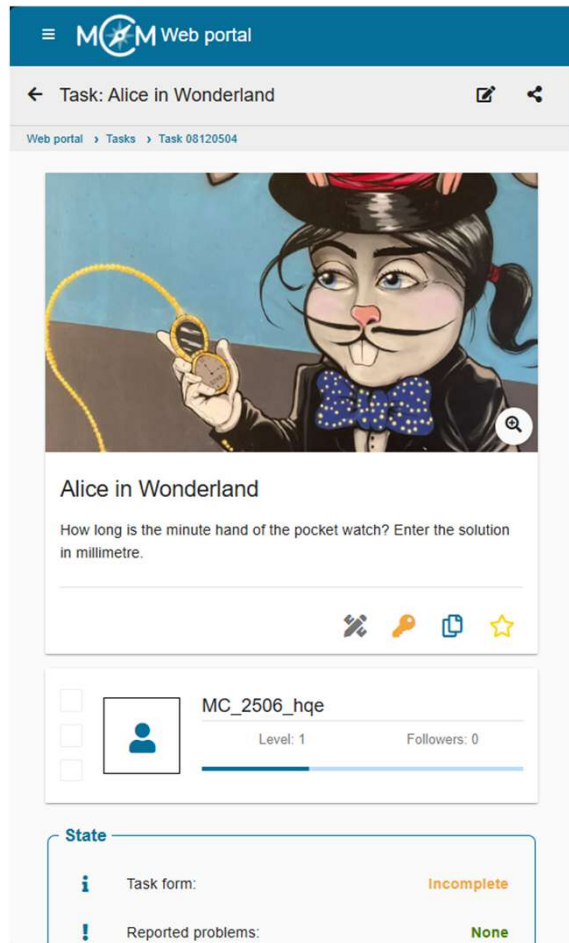
Math Class

Web portal > Learning Groups > Ig684ed6ff28ea4

STUDENTS (4) LEARNING GROUP TASKS (1)

Alice in Wonderland


km 08120504 SHOW ON MAP



MOM Web portal

Task: Alice in Wonderland

Web portal > Tasks > Task 08120504



Alice in Wonderland

How long is the minute hand of the pocket watch? Enter the solution in millimetre.

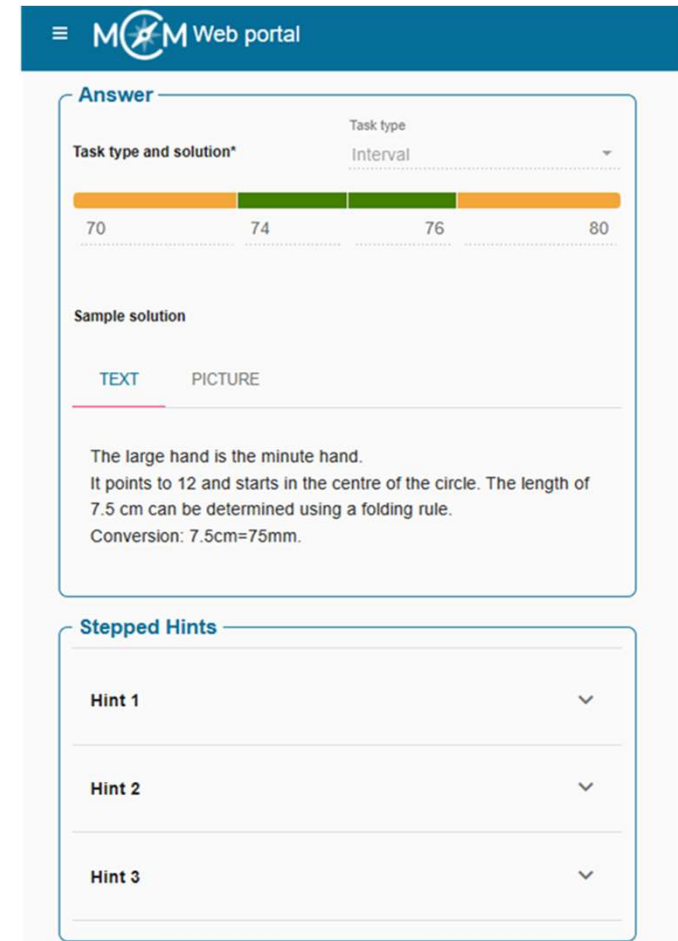
MC_2506_hqe

Level: 1 Followers: 0

State

Task form: **Incomplete**

Reported problems: **None**



MOM Web portal

Answer

Task type Interval

Task type and solution*

70 74 76 80

Sample solution

TEXT PICTURE

The large hand is the minute hand. It points to 12 and starts in the centre of the circle. The length of 7.5 cm can be determined using a folding rule. Conversion: 7.5cm=75mm.

Stepped Hints

Hint 1

Hint 2

Hint 3

Both teacher & student can see the created tasks

Let's test student accounts!

Step 1: Go outdoors as a group of students and search for 2-3 task ideas. Use the worksheet to document your ideas.

Step 2: When ready, come back to the classroom and enter the web portal from a students' view with your account. Use the second worksheet to create your task in the web portal.

MathCityMap Task creation

Part I – Outside the classroom

Learning Group: _____

Members: _____

Task title		
Task's location		
Check that you have taken a photo.		<input type="checkbox"/>
Task definition: (incl. specification of the required unit)		
Check that you have to be on site to solve the task. Make sure that the photo and task formulation are not enough to solve the task.		<input type="checkbox"/>
Selection of a suitable answer format:		
<input checked="" type="checkbox"/>	Answer format	Use with...
	Interval	Measurements or estimates
	Exact value	Counting tasks, simple arithmetic or combinatorics
	Multiple choice	Quiz questions with 2 to 4 answers
	Vector (exact values)	Tasks with multiple components for tasks with "exact values"

MathCityMap Task creation

Part II – Back in the classroom

Learning Group: _____

Members: _____

Checklist for creating tasks in the web portal. Please fulfill the document in the same way as you enter the task information in the web portal.

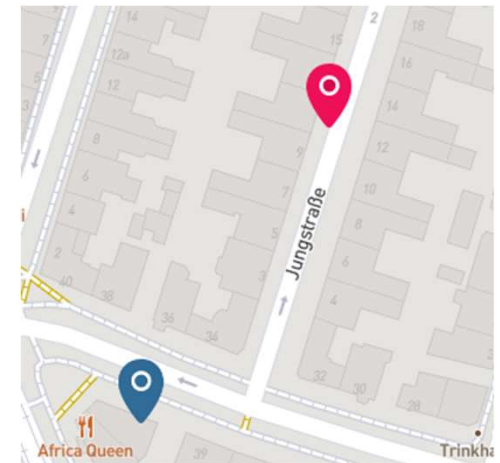
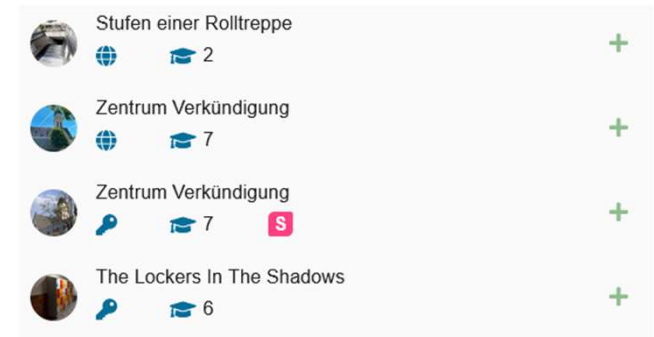
Task title		
Task definition: (incl. specification of the required unit)		
Check that task is formulated clearly and comprehensibly.		<input type="checkbox"/>
Check that the task is correctly located.		<input type="checkbox"/>



How did you experience the Student Accounts?

How to create a Math Trail

- Step 1: Start trail creation as usual in your (teacher) account.
- Step 2: When adding task, the tasks of your students are marked in the list (S) and on the map (pink).
- Step 3: Continue as usual and share the trail via code with your students.















How to edit your Learning Group

← **Mathe-Adler Klasse 6**

Web portal > Learning Groups > Ig6666b1b565784

STUDENTS (6) LEARNING GROUP TASKS (0)

	MA6_2406_e2q	
	Last Update a year ago	3
	MA6_2406_jNT	
	Last Update a year ago	2
	MA6_2406_JvZ	
	Last Update a year ago	2
	MA6_2406_PdB	
	Last Update a year ago	3
	MA6_2406_QEa	
	Last Update a year ago	2
	MA6_2406_Xso	
	Last Update a year ago	0

Basic Data

Learning Group Title *
Mathe-Adler Klasse 6

Learning Group ShortCode *
MA6

Auto Uppercase

Peer Review BETA

Review State Inactive

If the review state is active, your students can review each other's tasks.

While active, you will find detailed setting options in a new tab in your learning group.

New Passwords

Generate new passwords for all students of this Learning Group. The passwords can then be downloaded as a PDF.

[GENERATE NEW PASSWORDS](#)

Warning: Old Passwords will be overwritten!

Add Students to Learning Group

How many students do you want to add to this Learning Group?

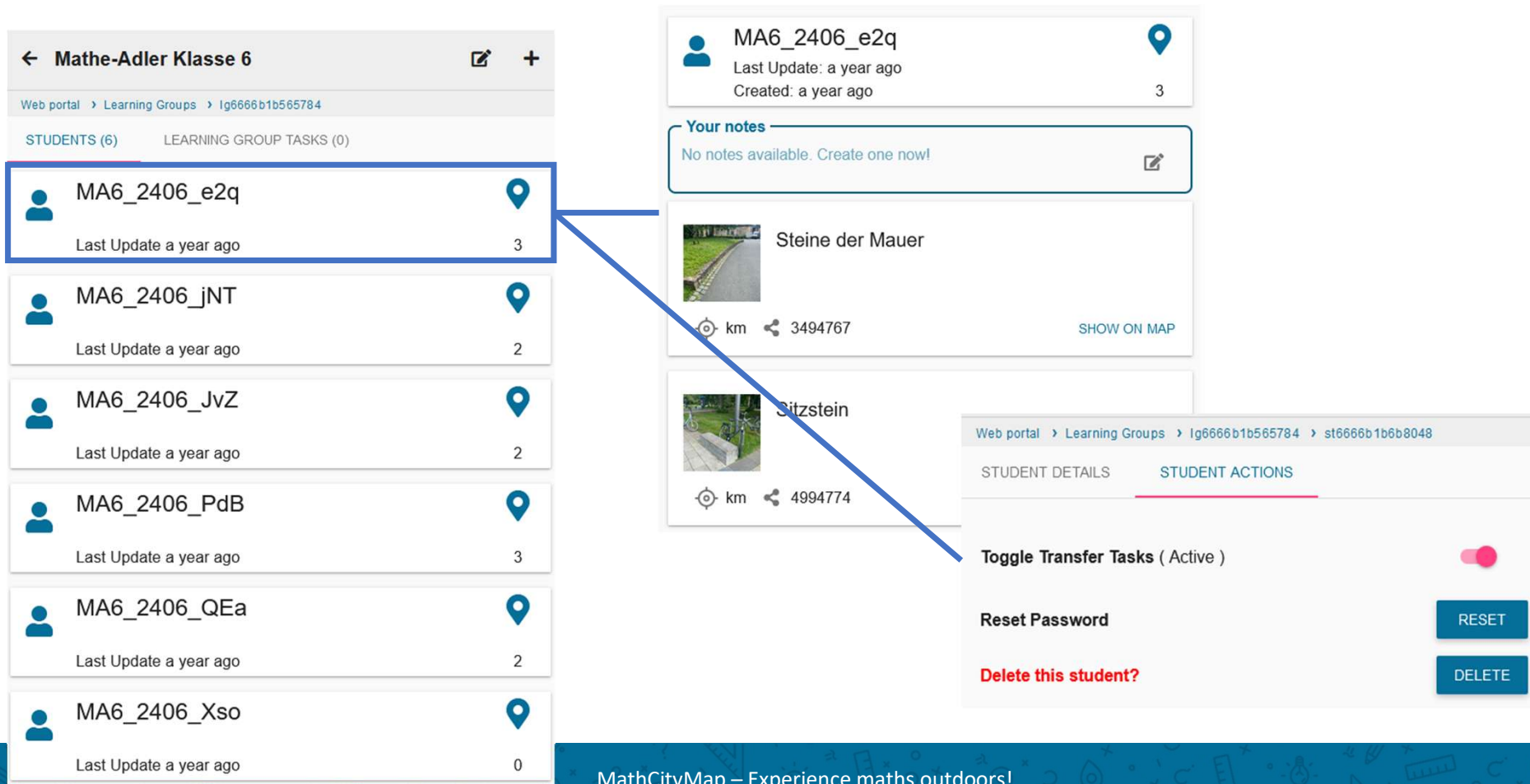
[CANCEL](#) [CREATE](#)

MathCity
[DELETE THIS LEARNING GROUP](#)
[SAVE](#)

- 4 zoom in a bit.. the text is so small: describe/elaborate what you are doing, please do not only highlight the + and pen symbol;
it is confusing this way i think... if you do not know the system very well

Eva Schmidthaler; 22.10.2025

How to manage individual students



The screenshot displays the 'Mathe-Adler Klasse 6' interface. On the left, a list of students is shown, with the first student, MA6_2406_e2q, highlighted by a blue box. A blue arrow points from this box to a larger, detailed view of the student's profile on the right. This profile view includes a 'Your notes' section, a photo of 'Steine der Mauer' with a distance of 3494767 km, and a photo of 'Sitzstein' with a distance of 4994774 km. Below these, the 'STUDENT ACTIONS' tab is active, showing a 'Toggle Transfer Tasks (Active)' switch, a 'Reset Password' button, and a 'Delete this student?' button.

Student ID	Last Update	Count
MA6_2406_e2q	a year ago	3
MA6_2406_jNT	a year ago	2
MA6_2406_JvZ	a year ago	2
MA6_2406_PdB	a year ago	3
MA6_2406_QEa	a year ago	2
MA6_2406_Xso	a year ago	0