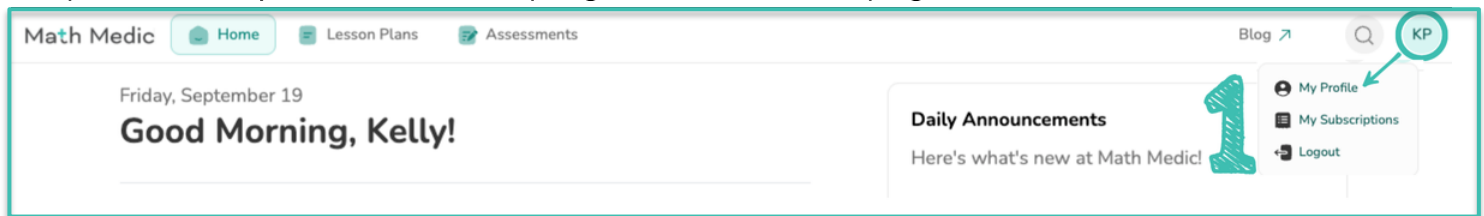


Assigning Links with your Classroom Code

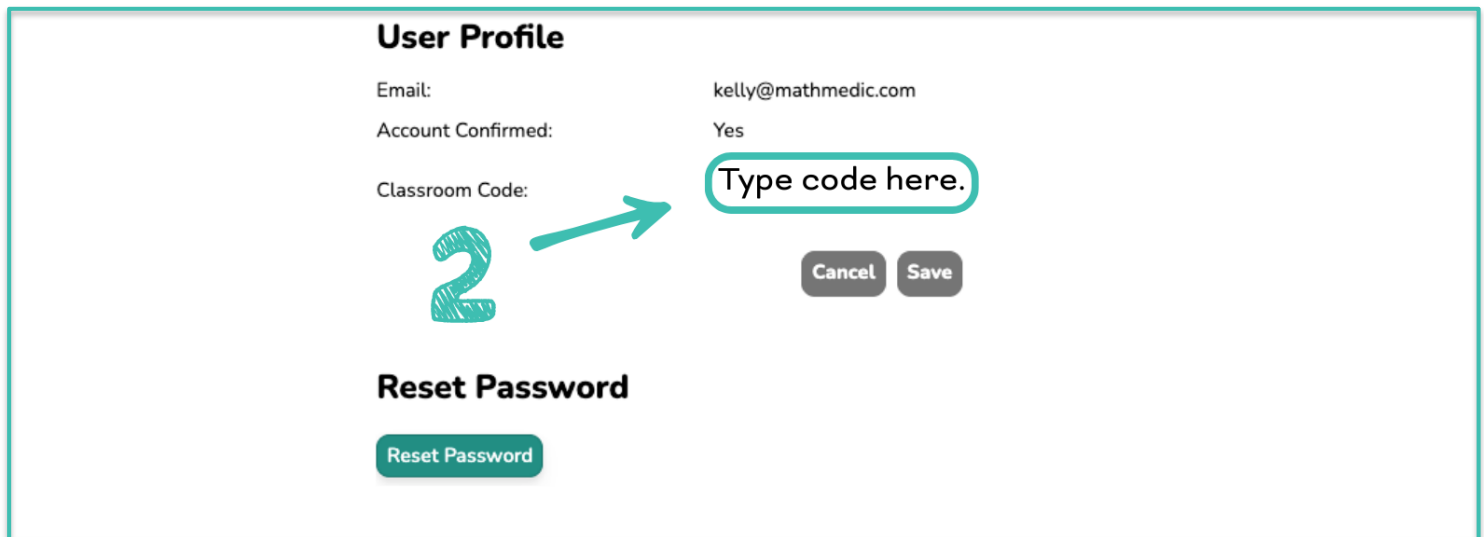
Creating the Classroom Code

NOTE: You will create ONE classroom code and then share the same code with every class for every link. Post the code somewhere for your students to use with every assignment or video link.

Step 1: Go to My Profile in the top right corner of the page.



Step 2: Type any alphanumeric code you'd like to use with your students.



Sharing the Links

I. Videos

Activity: Can We Predict Maximum Heart Rate?

LESSON HANDOUTS ANSWER KEY HOMEWORK

DOCX PDF PDF ASSESSMENT

AP Precalc Lesson 1.1 Video

In this video, Sarah goes through the entire lesson on Functions and Function Notation. (All Unit 1 Lesson Videos are a free preview)

Click Play on the video from the lesson page.

Video

185 beats per minute, the max heart rate seems to go down by 2 bpm per year

$f(x) = 185 - 2x$

The graph also shows this relationship.

What is the maximum heart rate of a 40-year old?

140 bpm

What age would you predict for someone who has a maximum heart rate of 200 bpm?

20 years old

Write an equation that that can be used to find the maximum heart rate of someone who is x years old.

$HR = 185 - 2x$

What do you think are reasonable values for x ? Explain.

Since x represents age, it wouldn't go above 105. Age also can't be negative.

Do you think it is possible to have a maximum heart rate of 100 beats per minute? Explain why or why not.

No, even someone who is 105 years old would still have a max heart rate of 85 bpm.

While the formula found above is easy to use, researchers found it to be less accurate for women. They proposed the function $h(x) = 206 - 0.88x$ to estimate the maximum heart rate.

Share with students

1. Click the COPY LINK button to get a direct link to this video.
2. Send the link and your classroom code to students.

COPY LINK

Copy Link to Share with your students.

II. Assignments

Math Medic / ... / Homework / A1 Lesson 1.1 Homework

A1 Lesson 1.1 Homework

Share Assessment

Are you sure?

Are you sure you would like to assign this assessment? No further changes associated with this assessment will be shown on the link created. Make any necessary changes before assigning, or simply create a new link after making changes.

Cancel Confirm

Link Created: A1 Lesson 1.1 Homework

Screenshot the QR code or copy the link to share with your students.

1. Click the COPY LINK button to get a direct link to this assessment.
2. Send the link and your classroom code to students.

4 Copy Link

Student View:

Classroom Code Required

Teacher Email Address

kelly@mathmedic.com

Classroom Code

Classroom Code

CANCEL PROCEED