

Are you ready for JiJi's STEM WEEK CHALLENGE?

YOUR TASK:



Get students setting goals related to their problem solving habits

What is it?

For 2022 STEM Week Oct 17-21, we are offering a classroom challenge for students to reflect on their habits around ST Math and set classroom goals. Let's help students recognize the joy in tackling tough challenges!

In this project, students will:

- analyze data
- collaborate with classmates
- create a classroom goal

How it works

1. On Monday, 10/17, survey students, read a short story, reflect on class data and create a classroom goal, which will be added to a school-wide visual.
2. Play ST Math as usual all week!
3. On Friday, 10/21, Survey students again, reflecting on the class goal.

All schools whose champions tweet their school-wide goal compilation visual (bulletin board, window, slide show, etc.) with #STMathSTEMWeek receive a penguin costume!

Brought to you by



ST Math.

STEM WEEK CHALLENGE FAQS

Where are the materials?

www.mass-stemhub.org/st-math-stem-week-challenge-2022/

You can use our pre-made google data studio slide deck (does all the work of compiling class data & comparing Monday/Friday for you) or survey your students in the best way for you using any number of our five questions, available in PDF or google slides.

How much time do I need with students to complete the challenge?

The challenge is designed to take 20 min on Monday and 15 min on Friday of STEM week, in addition to your regular ST Math game time.

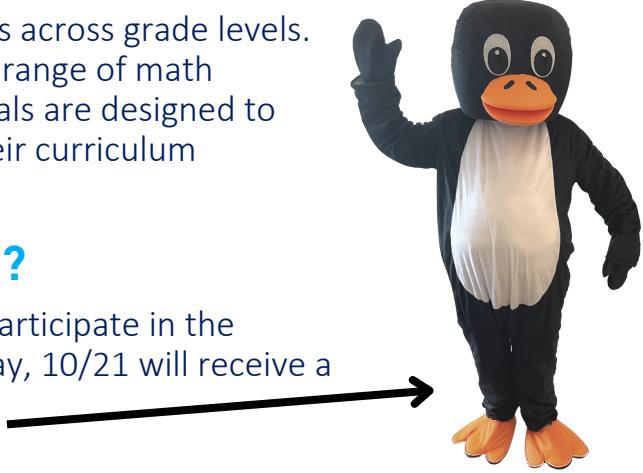
The challenge comes with student facing materials so there is limited prep time needed for educators. In Monday's lesson, students take a survey about their ST Math problem solving habits, read a story, reflect on class data, and come up with a visual showing their class goal for the week. On Friday, students will take the survey again and reflect on the problem solving habits they started to build this week. We encourage schools to continue this cycle even after STEM Week!

Is this activity aligned to grade level standards?

This activity can align to Measurement & Data standards across grade levels. We recognize that teachers & coaches are using a wide range of math curricula and are still early in the year, so survey materials are designed to allow teachers to collect data in a way that supports their curriculum progression and student readiness.

Wait, we really get a Penguin costume?

Yes, really. All schools that have at least 5 classrooms participate in the challenge and submit their student action plans by Friday, 10/21 will receive a penguin costume. See a picture of the costume here



What do I need to submit?

ST Math School Champions will submit one visual of all classroom problem solving practice goals for their school. We suggest creating a bulletin board, showcase window, or other visual to share with your school community throughout STEM Week. We will also be checking out survey use on the google forms, but realize many classrooms may use other survey methods.

What is STEM Week?

STEM Week is a state-wide program in Massachusetts during the third week of October.

I have more questions, who can I talk to?

Reach out to Heather at Mass STEM Hub! hhaines@mass-stemhub.org