

STEMscopes Math Homework Suggestions K-5

To use at home during these uncertain times

As schools close due to the COVID-19 pandemic, it becomes paramount now more than ever that the education and building of young minds continues at home.

STEMscopes has a unique online learning platform that you can use to support math learning at home, using the 5E + IA model to engage students in hands-on exploration of math concepts.

If you are using STEMscopes for distance learning during school closures, we suggest that you start by assigning scopes that have already been taught in the classroom rather than introducing completely new material at the start. You will want to set up your classroom for digital learning if you haven't done so already. If your students do not have access to the content online, you can also print most of these files to make a homework packet.

If you are teaching third, fourth, or fifth grade, you have the option of assigning Fact Fluency assessments to your class. Your students will be able to continue building their multiplication and division fluency at home. Fact Fluency is located under the SCOPES section. Within the 5 Es, we particularly recommend the use of the following features for home-based math learning.

EXPLAIN



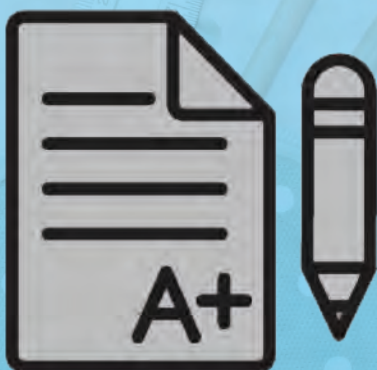
- **Show What You Know:** These are intended to be used for independent practice after your students have learned the content. You can assign this digitally or print as a PDF to create a packet.
- **My Math Thoughts:** This is a good resource that gives your students the chance to review and reflect on their learning. Students are asked to respond to a content-based question, and describe the process they used - and how they feel about the content. This is not available digitally, so you will have to print it out as a PDF.

ELABORATE



- **Math Story:** This reading piece can be assigned digitally or printed out as a PDF. The reading passage is lexiled appropriately for the grade level. Ties reading and math content together seamlessly, the Math Story is a thoughtfully blended mix of comprehension questions and mathematical thinking.
- **Interactive Practice:** This does require that the students have access to the digital platform. All of the interactive practices are TEKS based. You have the option of assigning specific interactive practices, or the students may access any of them when they log into their student accounts. This is an ideal way for students to stay engaged while at home.

EVALUATE



- **Decide and Defend:** This open-ended assignment allows students to reason mathematically and support their ideas with evidence.
- **Skills Quiz:** This short standards-based assessment could be used to review the content learned throughout the scope, although it doesn't address the problem solving aspect of learning. However, it enables students to demonstrate their ability to compute efficiently and accurately.