



## Desmos 2019-2020 STEM Scale-Up Program

**Grade Level:** 8, available in school

**Information Session:** 9/10/19 • 4PM Central • <https://zoom.us/j/109719482>

**Curriculum Sample:** [bit.ly/desmos-iowa-sample](http://bit.ly/desmos-iowa-sample)

**Video Link:** [https://www.youtube.com/watch?v=-J7YXl5\\_ows](https://www.youtube.com/watch?v=-J7YXl5_ows)

### **Award Provides:**

One year of digital access to the Desmos Middle School Math Grade 8 curriculum.

A two-hour webinar training.

Access to ongoing support and professional development via email and webinar.

\$50 stipend for attending the two-hour webinar training.

**Additional Cost(s) to Awardee In 2019-2020:**  
None.

### **Approximate Sustainability Cost After Award Period:**

The per-student cost of a curriculum license will not exceed \$24.

### **Program Summary:**

Desmos Middle School Math Grade offers full, daily curriculum for 8<sup>th</sup> grade. It is a digital upgrade of the widely-adopted and highly-rated middle school math curriculum authored by Illustrative Mathematics and published by OpenUp Resources in grade 8. Desmos has added to IM's curriculum a) engaging game-like feedback, b) a powerful activity dashboard that helps teachers assess and respond to student learning, c) and a continuous professional development model supporting teachers throughout the year.

This curriculum is problem-based which means it's full of tasks designed to engage and challenge *all* learners. You won't start lessons by pre-teaching mathematical ideas. You won't see students start class bored and disengaged. Instead, our curriculum will draw out student ideas through engaging activities that involve sketching, predicting, brainstorming, creating, and arguing, all with digital feedback that helps students learn and develop their math identities.

Many lessons have a paper component to keep students balanced between online and offline activities. All lessons support the Iowa Core Practice Standards and the Characteristics of Effective Instruction.

A collection of digital supplemental materials (one lesson per week) for grades 6-7 are available at no additional cost.

Learn more at the video link above! Email [dan@desmos.com](mailto:dan@desmos.com) with questions.

### **Requirements to Implement the Program:**

Educators must attend a two-hour web-based professional development session. Students must have access to at least one device for every two students. A memorandum of understanding signed by the building administrator is required before training or materials can be delivered.

### **Professional Development:**

**Duration:** 2 hours

**Date(s):** Dates offered throughout the fall. Exact dates are TBD.

**Location:** Webinar

**STEM Scale-Up Program Application Link:** [www.iowaSTEM.gov/Scale-Up-Application](http://www.iowaSTEM.gov/Scale-Up-Application)