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## Integration Doc: Flipgrid in Grades 3-5 (Ages 8-10) Mathematics

January 01, 2018



**Flipgrid** Integration Doc

# Mathematics

Grades 3 to 5

## What is Flipgrid?

Flipgrid is the leading video discussion platform for millions of PreK to PhD educators, students, and families around the world. Flipgrid promotes fun and social learning by giving every student an equal and amplified voice on the Topics you define!

## Flipgrid Basics

When you set up your account, you'll first create a **Grid** for your learning community. Grids are the canvas you will use to post discussion **Topics**, to which your students will post short video **Responses**. That's how they share their voice! Students can then view and **Reply** to each other's Responses, infusing your class with a dose of social and emotional learning! Flipgrid is available [on the web](#) or via our [Windows 10](#), [iOS](#), or [Android](#) apps.

If you're just getting started, we recommend checking out the [Flipgrid Educator Innovation Station](#). It's filled with everything you need to become a Flipgrid pro!

# Flipgrid in 3-5 Mathematics



In grades 3-5, students understand problem solving is a way of life. Time is spent developing a deeper understanding of mathematical concepts including basic operations as a building block to algebraic thinking. Students also build number sense as it relates to fractions, multiplication, and division scenarios. In mathematics, as students read to understand, model to represent, communicate their ideas in writing and through discussing their thinking with others, they also inquire and take note of more effective and efficient strategies for problem solving in real life situations. Here are a few ways Flipgrid can foster a love of mathematics, encourage mathematical discourse, support critical thinking skills, and help students to become effective problem solvers at this age:

- ★ Use inquiry to recognize mathematical patterns and explain reasoning
- ★ Solve problems involving the four operations
- ★ Reflect on mathematical fluency progress
- ★ Recognize, represent, and compare fractions
- ★ Collect, represent, and interpret various forms of data
- ★ Use properties to classify figures

Using Flipgrid for students to share their thoughts about problems and capturing their perseverance through the problem solving process is a great way to assess and provide feedback on learning. As students reason, they make their thinking visible by showcasing their representation in words, pictures, models, or actions using Flipgrid. Since all videos are housed on the same grid, the students are able to not only share and justify their arguments but using the Reply feature critique the reasoning of others.

Once you're ready to create your first discussion Topic, you can dive right in from your [Educator Admin](#) or head to the [Disco Library](#) for inspiration. Here is a sampling of 3-5 Mathematics Topics currently available in the Disco Library, all created by your peers and ready to be used with your learners!

### **Disco Library: 3rd Grade**

[Telling Time](#) by Suzie Williams: A Topic to for students to demonstrate their knowledge of telling time using an analog clock.

[Act Math Cookies](#) - [Act 1](#), [Act 2](#), [Act 3](#) by Janis Leach A Topic for making text to text, text to self, and text to world connections.

[How'd You Get That](#) by Stacy Farmer: A Topic to encourage students to share their mathematical thinking as they apply problem solving skills while also learning from others.

### **Disco Library: 4th Grade**

[Would You Rather Math](#) by Kristin Merrill: A Topic for students to apply mathematical skills to make a logical decisions.

[Finding the Area of Composite Figures](#) by Teresa Ronco: A Topic for students to apply the formula for finding area in both mathematical and real life problems.

[Time Number Talk](#) by Jolianne Boucher: A Topic for students to explore time intervals, including adding and subtracting the time intervals to solve problems.

## **Disco Library: 5th Grade**

[Fractions](#) by Laurie Guyton: A Topic for students to use equivalent fractions to explain how to effectively add fractions while critiquing incorrect mathematical reasoning.

[Multiplying Strategies](#) by Destiny Huggins: A Topic that encourages students to apply various multiplication strategies to solve and attend to precision when multiplying.

[What's the Secret Code](#) by Kate Perardi: A Topic to apply multiple math skills acquired to find a number.

# Consider this: ISTE Standards for Students

**Computational Thinker 5** - Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions. *5B: Students collect data or identify relevant data sets, use digital tools to analyze them, and represent data in various ways to facilitate problem-solving and decision-making.*

**Creative Communicator 6** - Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals. *6C: Students publish or present content that customizes the message and medium for their intended audiences.*

## Want even more!? ☐

☀️ Connect your students with their peers around the world through [#GridPals](#)!

☀️ Join the #FlipgridFever educator community on [Twitter](#) and [Facebook](#)! Follow educators like [Joe Merrill](#), [Eric Garcia](#), [Michael Hughes](#), and [Bonnie McClelland](#) for tons of mic-drop Flipgrid ideas.

☀️ While you're at it, say hi to Flipgrid Education Innovation Leads [Jornea Erwin](#), [Jess Boyce](#), and [Ann Kozma](#). Jornea, Jess, and Ann are always here to support you!

☀️ Bookmark our [monthly newsletter](#) for the latest happenings and check out our [Educator Innovation Station](#) for classroom integration ideas.

☀️ Explore the [Help Center](#) for answers to most common questions.

☀️ Become a Level One [Flipgrid Certified Educator](#).

There is no limit to the ways you can use Flipgrid with younger learners. Dive in and help your students define their voice, share their voice, and respect the diverse voice of their peers. We are here to support you as you engage and amplify!

♥️ Team Flipgrid in Minneapolis, MN