

## Summer Education Updates

### Math Starts Today on KERA!

Starting today, students in grades K-8 and Algebra 1 can tune into KERA TV for math lessons taught by teachers from the Dallas Independent School District, who are creating them from home. The lessons are designed to reduce academic losses that researchers are predicting for students this year, particularly in math, as the impact of COVID-19 school closures compounds normal summer learning losses.

**The televised classes will run on weekdays from noon to 2:30 p.m., from Monday, July 6, through Friday, August 7.**

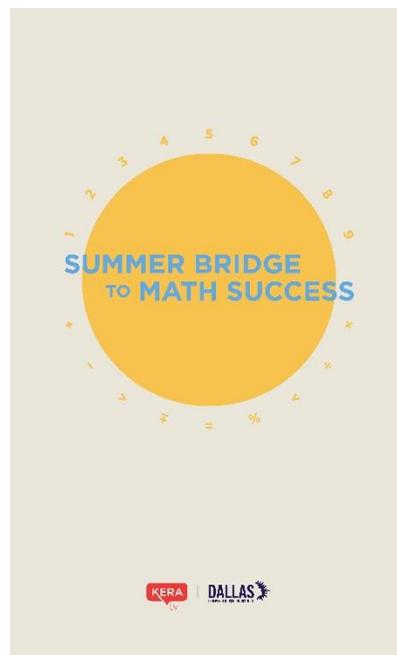
Times	Content taught
12-12:30 pm	Kindergarten & First Grade
12:30-1 pm	Second & Third Grades
1-1:30 pm	Fourth & Fifth Grades
1:30-2 pm	Sixth & Seventh Grades
2-2:30 pm	Eighth Grade & Algebra I

**KERA will continue to provide PBS Kids shows from 6 am – 12 pm and 2:30 pm – 6 pm on KERA TV channel 13.1.**

Families can still access around-the-clock educational children’s programming on KERA Kids 24/7, which is available over-the-air on Channel 13.2 or by streaming on any device at [kerakids.org](http://kerakids.org).

**KERA will return to its regular daytime schedule on Channel 13.1 on August 10.**

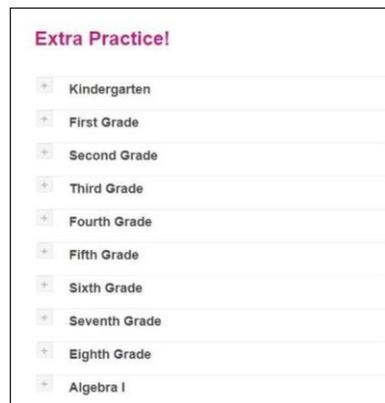
**NOTE:** The math lessons are produced by Dallas ISD, which is responsible for their content. If you have a question about a particular lesson, please contact STEM Math Director Stej Sanchez at [stsanchez@dallasisd.org](mailto:stsanchez@dallasisd.org).



# Practice = Math Success!

[KERA's webpage about the summer math lessons](#) has videos, activities and other resources from PBS to help students practice the math skills they are learning on TV. Just go to the bottom of the page and click on the right grade level to find links to resources that introduce the same skills being covered by the math teachers this summer.

**Below are examples of practice resources for each grade.**



## Kindergarten & First Grade

**Meatball Launcher** – Kindergarten - This game from the PBS Kids show *Curious George* rewards children for adding the right number of meatballs ordered by different customers to a big plate of spaghetti. It's a great way to practice counting to 5.

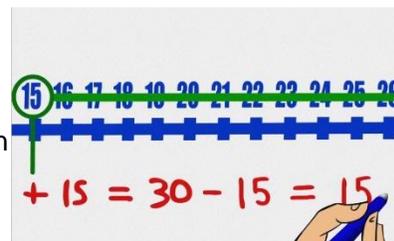
**Do You See My Seahorse?** – Grade 1 - This game from *The Cat in the Hat* asks children to count the number of baby seahorses each dad seahorse is looking for. You can choose easy, medium and hard levels as your child's counting improves.



## Second Grade & Third Grade

**Chicken Coop** – Grade 2 - This interactive game from the PBS Kids show *Peg + Cat* guides kids as they count to 100 – with fun little rewards along the way. Instructions are in English and Spanish.

**Halfway From 30** – Grade 3 - This video from *Odd Squad* reminds kids how to use a number line to figure out the halfway point from 30.



## Fourth Grade & Fifth Grade

**Rounding to Whole Numbers** – Grade 4 - This fun, interactive lesson from PBS LearningMedia uses a skit about a Number Line Party to teach kids how to round decimals to the nearest whole number. Hint: Only whole numbers can get into the party.

**Rounding to the Tenths Place** – Grade 5 - This video skit takes you to the same Number Line Party that fourth-graders had to figure out above – except it's a little harder. Now the party admits only numbers rounded to tenth place – a trickier calculation. This interactive lesson will teach you how to figure it out!



## Sixth Grade & Seventh Grade

**Keep, Change, Flip** – Grade 6 - A hip-hop song for dividing fractions? Sure – and you won't forget the steps after listening a few times. Check the "Support Materials" beneath the video for a worksheet with practice problems and a downloadable page with several activities.



**Multiplying and Dividing Fractions: Expressions with Rational Numbers** – Grade 7- This video from Khan Academy uses several problems to explain how to compare expressions with positive and negative fractions. There's a transcript to refer back to when you want a refresher.

## Eighth Grade & Algebra I

**Intro to Rational & Irrational Numbers** – Grade 8 - This video from Khan Academy gives a clear explanation of the difference between rational and irrational numbers. There's also a transcript to refer back to later.

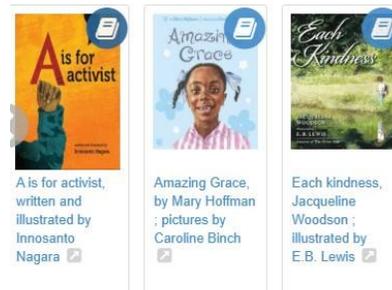


**Galileo's Falling Bodies** – Algebra I - Yes, math IS useful in real life! This video from the PBS show *NOVA* shows how Galileo used math to determine how fast objects fall. Follow the video's explanation of the relationship between distance and time for falling objects and see if you can figure out how far the ball would travel in the next time interval.....and the one after that. For a deeper dig, go to the "Support Materials" to read the Background Reading and answer the last two discussion questions.

## In Addition to Math....

### **Dallas Library Book Suggestions**

Each month, the Dallas Public Library and KERA team up to create virtual carousels of books the library staff recommends on chosen themes. The themes for July are anti-racism and global adventures. [Click here to find links to the recommended books for children, teens and adults](#), as well as provisions for Dallas residents to reserve books. You will also find recommendations from previous months on themes like friendship and heroism – as well as an invitation to join KERA's **Summer Learning Challenge** for daily activities, virtual events and other fun ideas for learning at home!



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