

Grade 7

Optional Spring Break Learning Activities

April 10th - April 19th 2020

Math: Review 7th grade math content with these IXL videos and interactive activities!

- [Identify representative, random, and biased samples \(7-CC.8\)](#)
- [Calculate mean, median, mode, and range \(7-CC.1\)](#)
- [Probability of simple events and opposite events \(7-DD.2\)](#)

(Attached here is an [optional problem set](#) for you to work on if you would like to do more!)

ELA - NewsELA: Log into your **Clever** account and select four articles *of your choice* from **NewsELA** and answer the multiple choice and short response question.

- [Clever](#) ([NewsELA](#))

Science: Click on the link to this [Phases of Matter simulation](#) (Phase changes). Then adjust the settings for air, pressure, temperature, and the types of molecules to understand the impact on the phases of matter. Which molecule do you think is safest and under what conditions?

Virtual Field Trips for Middle School Families Spring Break 2020

If you are looking for something fun to do, try taking a virtual field trip. Click on the link and explore the site. Share three interesting things with someone at home! Try one or try them all!

Monday	Tuesday	Wednesday	Thursday	Friday
4/13 Women's History Museum Future U. - Visit	4/14 Kenai Fjords National Park, Alaska	4/15 Yosemite National Park, California	4/16 Powering the Planet - Renewable Energy	4/17 Dry Tortugas National Park, Florida

<u>Johnson Space Center and meet Boeing employees</u>	<u>Van Gogh Museum, Netherlands</u>	<u>The Louvre in France - The Apollo Gallery</u>	<u>National Museum of Modern and Contemporary Art, South Korea</u>	<u>J. Paul Getty Museum, California</u>
<u>Guggenheim Museum, New York</u>	<u>Stanley Black and Decker Makerspace</u>	<u>Celebrate 400 Years of Shakespeare</u>	<u>Smithsonian's National Zoo</u>	<u>Dig into Mining</u>
<u>Bryce Canyon National Park, Utah</u>	<u>Star Atlas - explore over 60,000 stars</u>	<u>The Great Wall of China</u>	<u>Space Shuttle Discovery</u>	<u>Colonial Williamsburg Webcams</u>