Wright State University
Teacher Education Department
Resources for Parents whose Children are Learning at Home during COVID-19

- https://www.weareteachers.com/free-online-learning-resources/ - this website has a list of over 250 resources for parents – they are listed in 2 categories K-5 and 6-12 and there is a brief description of each resource

- https://qz.com/1819166/how-to-teach-your-kids-at-home/ -- this article list various resources for parents – it includes various content areas, including art, languages, home-structure, and overall well-being. For each area, there are multiple resources listed with brief descriptions, grade levels, and links.

- Ohio Department of Education
    - Remote Learning Resource Guide: http://education.ohio.gov/getattachment/Topics/Student-Supports/Coronavirus/Remote-Learning-Resource-Guide.pdf.aspx?lang=en-US
    - Sciences: http://education.ohio.gov/Topics/Learning-in-Ohio/Science/Resources-for-Science
    - Mathematics: http://education.ohio.gov/Topics/Learning-in-Ohio/Mathematics/Resources-for-Mathematics
    - Social Studies: http://education.ohio.gov/Topics/Learning-in-Ohio/Social-Studies/Resources-for-Social-Studies

- https://www.infohio.org/ which has lots of info around different content areas, especially English/Language Arts.

- starfall.com – skill and drill practices

- https://www.indypl.org/ - Indianapolis Public Library. Much of the site is open to anyone and is free

- https://watch.vooks.com/browse - a streaming service that brings children's storybooks to life with animated illustrations and narrated story.

- The Boonshoft Museum of Discovery is also offering free virtual science experiences at http://www.boonshoftmuseum.org/experience-more/digital-programming/

- https://www.khanacademy.org/ - various content areas and includes resources for high school AP courses

- http://www.watchknowlearn.org/ - provides supplemental videos for all levels and subjects; like an educational youtube

- www.grammarly.com and https://www.paperrater.com - some of the best online 'editors' available

- https://www.audible.com/ - offering a lot of free audiobooks for kids right now

- http://www.amle.org/ServicesEvents/COVID-19Resources/tabid/1179/Default.aspx?_cldee=bG9ycmllLmt1YmFzemV3c2tpQHdyaWdodC5lZHU%3d&recipientid=contact-94586bd43b57e5119efc0050569142af-f715875779dc46c0a4f76783fc64e984&esid=36ec561a-de75-ea11-8107-000d3a0de1a1 - AMLE – Association of Middle Level Educators list of resources for various content areas

- https://classroommagazines.scholastic.com/support/learnathome.html - scholastic has a list of resouces. Theres a specific section for "Resources for Families" if you scroll near the bottom of the page

- https://www.commonsensemedia.org/blog/the-best-podcasts-for-kids - podcasts for kids

- https://www.startwithabook.org/summer-reading-learning

- https://www.readingrockets.org/article/when-school-closed-resources-keep-kids-learning-home -Resources to keep kids learning at home

- https://www.getepic.com/ - unlimited access to books and learning videos for kids 12 and under

- https://qz.com/1819166/how-to-teach-your-kids-at-home/ - how to quiz your students at home

- https://www.thecraftycrow.net/a-book-a-craft-series/ - Craft connections to literature and much more for toddlers to 12+

- http://scrumdillydo.blogspot.com/ - Great craft website for early childhood students

Social Studies Specific
http://education.ohio.gov/Topics/Learning-in-Ohio/Social-Studies/Model-Curriculum-for-Social-Studies - Ohio Social Studies Standards

https://www.councilforeconed.org/ - Economics
https://www.councilforeconed.org/k-12-resources/ - Economics

https://ncge.org/ - Geography
https://ncge.org/resources/ - Geography
https://kids.nationalgeographic.com/ - Geography
https://classroom.ricksteves.com/ - Geography

http://www.oclre.org/aws/OCLRE/pt/sp/home_page - Government
https://www.icivics.org/ - Government

https://sheg.stanford.edu/ - History
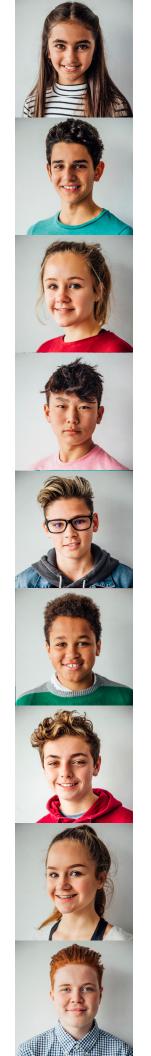http://www.c3teachers.org/inquiry-design-model/ - History
https://teachingamericanhistory.org/collections/50-core-documents/ - History
https://www.nche.net/blog - History

77 Simple STEM Activities for Families #3

- ☑ Invent a machine to sort LEGOs
- ☐ Find something in your yard from every rainbow color
- ☐ Drop 2 items to see which falls fastest (use slo-mo camera if necessary)
- ☐ Fold a sheet of paper different ways to see how to make it fall faster
- ☐ Watch *Wall-E*
- ☐ Track & graph your family's daily garbage output
- ☐ Set up a recycling station in your home or school
- ☐ Build the longest paper chain using 1 piece of paper & tape
- ☐ See how many times you can fold a piece of paper in half
- ☐ Plant seeds in a clear water bottle to watch the roots grow
- ☐ Make Pixel art using piskelapp.com
- ☐ Test the strength of different size rubber bands
- ☐ "Invent" your own island
- ☐ Build a racetrack or obstacle course for toy cars
- ☐ Pick up garbage using the Litterati app
- ☐ Build a device to safely grab litter
- ☐ Read an inventor's biography
- ☐ Watch a video from The Slow Mo Guys on YouTube
- ☐ Try 5 different recipes for the same type of cookies
- ☐ Learn which science words come from Latin language
- ☐ Make Anamorphic drawings
- ☐ Find the area of various chip and cracker shapes
- ☐ Make puppets
- ☐ Turn a cardboard box into a pet playground
- ☐ Set up dominoes and record a video
- ☐ Find the oldest item in your home
- ☐ Draw what you think cars will look like in 10 or 20 years

- ☐ Look up Frank Stella art and make your own STEM art
- ☐ Sort and graph the colors in a bag of M&M's or Skittles
- ☐ Put seeds in wet paper towel in a Ziploc bag & hang in a window to sprout
- ☐ Compare nutrition facts for food items in your kitchen
- ☐ Watch *October Sky*
- ☐ Build a famous building in Minecraft
- ☐ Make a cardboard pinball game
- ☐ Test different foods to see if they float or sink
- ☐ Learn how movies are made using Pixar In a Box
- ☐ Test Double Stuf Oreos to see if they're actually double
- ☐ Turn an old shirt into a pillow
- ☐ Recycle plastic grocery bags into a ball, bag, or artwork
- ☐ Draw your favorite movie character in a STEM career
- ☐ Make a flip book
- ☐ Use the FlipaClip app to make a digital flip book
- ☐ Make a zip-line for a LEGO mini-figure
- ☐ Design a gadget for a favorite TV character
- ☐ Play a game of Shut-the-Box
- ☐ Put leaves under a sheet of paper & rub over their shape with a crayon
- ☐ Paint or draw a picture, build a frame, & hang it on the wall
- ☐ Calculate how many books would reach your ceiling or fill your room
- ☐ Make a robotic arm using cardboard, straws, & yarn
- ☐ Make a prosthetic arm out of LEGOs or other items
- ☐ Make art using graph paper
- ☐ Build a catapult
- ☐ Make hidden messages using lemon juice
- ☐ Make your own Diet Coke and Mentos experiment

- ☐ Put a chicken bone in vinegar for 5 days & see what happens
- ☐ Learn to tie knots
- ☐ Make a "stained glass" pattern using tape and sidewalk chalk
- ☐ Keep track of the cars that go by (how many each hour, what colors, etc)
- ☐ See who can find the most polygon shapes in your home
- ☐ Pick 10 things (pinecones, stop signs, squirrels, etc) & tally how many you see on a walk
- ☐ Construct an igloo out of sugar cubes or mini marshmallows
- ☐ Build a ramp for a toy car, then change the angle to make it go faster & farther
- ☐ Research different pets before getting one
- ☐ Turn paperclips, pen caps, or milk jug rings into pictures
- ☐ Watch *Spare Parts* & build an underwater robot
- ☐ Build a marble roller coaster using paper towel tubes
- ☐ Make your own song using Chrome Music Lab
- ☐ Learn to carve a bar of soap with a popsicle stick
- ☐ Go for a walk and use an app to identify plants
- ☐ Record a bug, butterfly, or spider in slow motion
- ☐ Make constellations on the wall by poking holes in a paper cup & shining a flashlight through it
- ☐ Make homemade ice cream
- ☐ Make a model of your home
- ☐ Watch Joseph's Machines on YouTube & create your own
- ☐ Have a cake design contest
- ☐ Make a Density Column
- ☐ Use an inkpad to make fingerprints, then compare to your family

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dailystem.com/resources

Quick Tips
for Supporting your Middle Schoolers at Home

Curated by Jack Berckemeyer

1. Identify and share with your child the non-negotiable items that must be done for the day or the week.

2. Create a daily schedule.

3. Break the day down into 20 minute tasks. This helps make the day go by faster.

4. Beyond the assignments given by the school, have your child work on other critical skills. This can include manners, kindness, writing Letters, cooking, creating a game to play, sewing, ironing, and basic car repair.

5. Limit gaming time.

6. Set up a daily reward system.

7. Create a Learning Log.

8. Find funny videos and share them as a family.

9. Do 10 positive things a day.

10. Have a family member be a guest teacher via technology.

11. Keep tasks short and easy to accomplish.

12. Be honest and open about what is going on and why.

13. "No" is an option.

14. When things are crazy just ask "Do you want me to Listen, React, or Solve?"

To view Jack's entire presentation, visit amle.org/webinars

For more information and resources to support your students during the COVID-19 school closures, visit *amle.org/covid19*

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