Resources for Homeschooling during Coronavirus

Getting Started
For you:

- Tips for homeschooling https://www.npr.org/2020/03/23/820228206/6-tips-for-homeschooling-during-coronavirus
- Resources that support distance learning https://www.cde.ca.gov/ls/he/hn/appendix1.asp#ela
- Free online learning resources https://www.techlearning.com/resources/free-online-learning-resources-for-schools-affected-by-coronaviruscovid-19
- https://greatminds.org/math
- Comprehensive list of Smithsonian Education guides https://docs.google.com/spreadsheets/d/1ZzL5DxURwteiOKbJ8jBt74fSbFpXiLM1fvr5rM/edit#gid=942645106
- How to talk to your child about the coronavirus (covers all ages) https://www.nytimes.com/2020/03/18/opinion/coronavirus-children.html

For your children:

- To help students get ready to learn from home, they can read “Student Guide: 9 tips for working from home” at https://read.activelylearn.com/#teacher/catalog
- Have kids complete a Safe Online Surfing (SOS) training for their grade level https://sos.fbi.gov/en/

News Sources for Children (all ages)
CBC (Canadian Broadcasting Corporation) Kids https://www.cbc.ca/kidscbc2/
CNN 10 https://www.cnn.com/cnn10
DOGO News https://www.dogonews.com/
Newseum https://www.newseum.org/
Scholastic News Online https://scholasticnews.scholastic.com/
Science News https://www.sciencenewsforstudents.org/
Smithsonian Tween Tribune https://www.tweentribune.com/
Time for Kids https://www.timeforkids.com/
Washington Post https://www.washingtonpost.com/lifestyle/kidspost/
Youngzine https://youngzine.org/

Art
Watch or read about an artist https://art21.org/
Lean about art history https://www.khanacademy.org/humanities/ap-art-history/introduction-ap-arthistory
Do a Doodle with Mo Willems https://www.youtube.com/watch?v=RmzjCPQv3y8
Visit a collection in the National Museum of African Art https://africa.si.edu/education/online-video/
Watch a recorded presentation from the National Museum of African American History and Culture https://www.ustream.tv/recorded/125825554
Explore an art & history theme:
https://www.zinnedproject.org/materials/?cond[0]=themes_str:Art+&amp;+Music
Choose a lesson from the National Gallery of Art [https://www.nga.gov/education/teachers/lessons-activities/6-8-lessons-activities.html](https://www.nga.gov/education/teachers/lessons-activities/6-8-lessons-activities.html)

Visit a Virtual Exhibit
- The Islamic World [https://smarthistory.org/islamic/](https://smarthistory.org/islamic/)
- Ancient Mediterranean [https://smarthistory.org/ancient-mediterranean/](https://smarthistory.org/ancient-mediterranean/)
- Africa [https://smarthistory.org/the-art-of-africa/](https://smarthistory.org/the-art-of-africa/)
- Asia [https://smarthistory.org/asia/](https://smarthistory.org/asia/)
- Europe [https://smarthistory.org/europe-1300-1800/](https://smarthistory.org/europe-1300-1800/)
- Prehistoric [https://smarthistory.org/prehistoric-art-landing/](https://smarthistory.org/prehistoric-art-landing/)

Visit an art collection
- Comprehensive list of museums/art collections [https://artsandculture.google.com/partner?hl=en](https://artsandculture.google.com/partner?hl=en)
- Museum of Modern Art [https://www.moma.org/learn/moma_learning/](https://www.moma.org/learn/moma_learning/)
- Metropolitan Museum of Art [https://www.metmuseum.org/metmedia](https://www.metmuseum.org/metmedia)
- Kennedy Center (KC) Africa collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/africa/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/africa/)
- Asia collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/asia/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/asia/)
- Dance collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/dance/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/dance/)
- Innovators, Inventors, & Explorers collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/)
- Latin America collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/latin-america/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/latin-america/)
- Math & Art collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/math/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/math/)
- Kennedy Center Sound & Acoustics collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/sound-acoustics/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/sound-acoustics/)
- Kennedy Center Space collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/space/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/space/)
- Visual Arts collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/visual-arts/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/visual-arts/)

Health and Wellness

Yoga
- [https://www.youtube.com/watch?v=Td6zFtZPkJ4](https://www.youtube.com/watch?v=Td6zFtZPkJ4)
- [https://www.youtube.com/watch?v=9XBnftTBmAk](https://www.youtube.com/watch?v=9XBnftTBmAk)
- [https://www.youtube.com/watch?v=7kgZnJqzNaU&list=PL1O2hy0KhvCJVjLmu3vifmZ9gKM7-lckD](https://www.youtube.com/watch?v=7kgZnJqzNaU&list=PL1O2hy0KhvCJVjLmu3vifmZ9gKM7-lckD)
Meditation
- Intro to kids’ meditation https://www.nytimes.com/guides/well/mindfulness-for-children
- Headspace Meditation https://www.youtube.com/channel/UC3JhsfFPL5L5NOQOcd-GQ
- Insight Timer meditation app (an outstanding free app with every kind of meditation for every age) https://www.howsciencepowersus.com/education-resources/virtual-field-trip

PE – How to make fitness fun at home
- Just Dance Workouts https://www.youtube.com/watch?v=RefJ2QOsVLo
- NFL Play 60 http://www.nfl.com/play60
- Take a field trip to the NFL https://aha-nflplay60.discoveryeducation.com/?EC=a0d9699e-2500-4eaf-b683-6feb50c9a382
- Towel fitness & challenges https://www.wevideo.com/view/1614597216
- Balloon challenges & activities https://www.wevideo.com/view/1614427122
- Paper plate tabata https://www.wevideo.com/view/1614233931
- Follow-Along Dances https://www.youtube.com/playlist?list=PLTfstHhuPAlPaWHPTvleGPq99zPqCKPjQ
- Elementary PE Resources https://docs.google.com/document/d/1Muvn-EOsmih_FMD2f7UOGsTvKEErQzRKgezIfqa4/view

PE – Go outside (but maintain your distance!)
- Walk, jog, run, skip, hike, bike, rollerblade, SwagCycle, PlasmaCar, jump rope, pogo stick, kayak, hula hoop
- Pick a “sit spot” outside, a special place in nature, and get to know it day by day and night by night
- Play games outside (walkie-talkies, spyderball, lawn twister, water balloons, lawn jarts, giant Jenga, flashlight tag)
- Nature activities: bug hunting, nature scavenger hunt
- Garden, or dig in the dirt, or set up and maintain a birdfeeder and bird bath, or plant a family tree

History
Check out Today’s Day in History https://www.archives.gov/education/research/primary-sources
Choose a video from Crash Course on History https://www.youtube.com/user/crashcourse
Listen to ForeverAgo podcast https://www.brainson.org/pages/foreverago
A brief introduction to U.S. history https://www.khanacademy.org/humanities/us-history
Check out one of America’s 100 Milestone Documents https://www.ourdocuments.gov/content.php?flash=true&page=milestone
Study pandemics: Forgotten Flu – America and the 1918 Pandemic https://edsitement.neh.gov/media-resources/backstory-forgotten-flu-america-and-1918-pandemic
Explore a movement
- Civil Rights Movement https://www.zinnedproject.org/materials/?cond[0]=themes_str:Civil+Rights+Movements
- Women Fight for the Vote https://www.loc.gov/exhibitions/women-fight-for-the-vote/about-this-exhibition/

Take a Field Trip
- Discovery Education (DE) Tundra Connections https://www.discoveryeducation.com/learn/tundra-connections/

Visit a Virtual History Exhibit
• Library of Congress, Rosa Parks In Her Own Words https://www.loc.gov/exhibitions/rosa-parks-in-her-own-words/about-this-exhibition/#explore-the-exhibit
• Hope for American: Performers, Politics & Pop Culture https://www.loc.gov/exhibits/hope-for-america/exhibititems.html

Full texts of history sources are available at https://sourcebooks.fordham.edu/mod/modsbookfull.asp
Arts, crafts, recipes, magic tricks, projects are available at: http://capstonekids.com/make-stuff/index.html

Independent Study
Getting started
• National Archives Getting Started With Research https://www.archives.gov/research/start
• Template:
  1. One-sentence statement of topic of interest
  2. State your independent study project goal
  3. State your project end product
  4. What steps will you take to reach your project goal? Make a plan for each day of the week.

Sources for independent study ideas
• Smithsonian Learning Lab https://learninglab.si.edu/
• KQED https://www.kqed.org/deeplook
• CK12 https://www.ck12.org/student/

Some Ideas:
• Art
  o Recreate a famous work of art
  o Create “visibility” for something beautiful, useful, or otherwise worthy of attention
  o Artfully illustrate human and civil rights
  o Do a new drawing, painting, sculpture, or photography
  o Create a PPT on a favorite artist or artwork
• History/Social Studies
  o Study the U.S. Constitution and create a Constitution for the modern U.S
  o Choose a historical event and look at its effect on our world today
  o Film a documentary on a social issue that is important to you
  o Create a family tree with voice overs from family members
  o Create a PPT on an important historical event
• Science
  o Plan a Mars colony using current data of the Martian landscape and atmosphere
  o Develop a feasible response to an earth-asteroid collision
  o Research roller coasters and design a new one
  o Film a documentary on something in nature that matters to you
• Literacy
  o Write a play
  o Create a PPT on your favorite book
  o Create a photo-documentary and turn it into a film
  o Create a children’s book with illustrations
  o Define, analyze, and visualize an abstract concept (wisdom, freedom, goodness, justice, etc.)
  o Write a biography on a historical figure who interests you
  o Solve a problem that your Mama currently has
Or: Take an Ivy League course on a topic of your choice [https://www.freecodecamp.org/news/ivy-league-free-online-courses-a0d7ae675869/](https://www.freecodecamp.org/news/ivy-league-free-online-courses-a0d7ae675869/)

### Language

**Duolingo** [https://www.duolingo.com/](https://www.duolingo.com/)

**PBS learn a language:**
- Spanish [https://iowa.pbslearningmedia.org/subjects/world-languages/spanish/](https://iowa.pbslearningmedia.org/subjects/world-languages/spanish/)
- Japanese [https://iowa.pbslearningmedia.org/subjects/world-languages/japanese/](https://iowa.pbslearningmedia.org/subjects/world-languages/japanese/)
- German [https://iowa.pbslearningmedia.org/subjects/world-languages/german/](https://iowa.pbslearningmedia.org/subjects/world-languages/german/)
- French [https://iowa.pbslearningmedia.org/subjects/world-languages/french/](https://iowa.pbslearningmedia.org/subjects/world-languages/french/)
- Chinese [https://iowa.pbslearningmedia.org/subjects/world-languages/chinese/](https://iowa.pbslearningmedia.org/subjects/world-languages/chinese/)

### Literacy

**Write a book review** [https://flipgrid.com/b75972bd](https://flipgrid.com/b75972bd)

**Complete a journal entry**
- Elementary prompts [https://www.journalbuddies.com/](https://www.journalbuddies.com/)
- Middle and high school [https://eliteessaywriters.com/blog/creative-writing-prompts/](https://eliteessaywriters.com/blog/creative-writing-prompts/)
- Prompts for all ages [https://thinkwritten.com/writing-prompts-for-kids/](https://thinkwritten.com/writing-prompts-for-kids/)


**Improve your grammar** [https://www.khanacademy.org/humanities/grammar](https://www.khanacademy.org/humanities/grammar)

**Read some short stories** [https://read.activelylearn.com/#teacher/catalog/short-stories](https://read.activelylearn.com/#teacher/catalog/short-stories)


**ACHUKA** (news, reviews, profiles of British authors & poets) [https://www.achuka.co.uk/blog/](https://www.achuka.co.uk/blog/)

**Amazing Kids Magazine** (kid-created online magazine) [http://mag.amazing-kids.org/](http://mag.amazing-kids.org/)

**Visit the website of a favorite author:**
- Christopher Paul Curtis [https://nobodybutcurtis.com/](https://nobodybutcurtis.com/)
- Dav Pilkey [https://pilkey.com/](https://pilkey.com/)
- E.L. Koenigsburg [https://www.scholastic.com/teachers/authors/e--l--konigsburg/](https://www.scholastic.com/teachers/authors/e--l--konigsburg/)
- Eric Carle [https://eric-carle.com/](https://eric-carle.com/)
- Jan Brett [https://www.janbrett.com/](https://www.janbrett.com/)
- Jeff Kinney [https://harrypotter.com/](https://harrypotter.com/)
- Kevin Henkes [https://kevinhenkes.com/](https://kevinhenkes.com/)
- Mary Dowling Hahn [https://www.hmhbooks.com/author/Mary-Downing-Hahn/2233077](https://www.hmhbooks.com/author/Mary-Downing-Hahn/2233077)
• Mo Willems http://www.mowillems.com/
• Neil Gaiman’s Mouse Circus http://www.mousecircus.com/
• Neil Schusterman http://www.storyman.com/
• Rick Riordan http://rickriordan.com/
• Roald Dahl https://www.roalddahl.com/
• Scott Westerfeld https://scottwesterfeld.com/
• Shakespeare for Kids https://www.folger.edu/shakespeare-kids?cid=588
• Sharon Draper http://sharondraper.com/
• Tomie DePaola https://www.tomie.com/
• Troy Cummings http://www.troycummings.net/
• Walter Dean Myers https://walterdeanmyers.net/

Grades 6-12 Student Activities from NEH EdSite (site has activities for all ages):
• “Every Day We Get More Illegal” by Juan Felipe Herrera https://edsitement.neh.gov/student-activities/every-day-we-get-more-illegal-juan-felipe-herrera
• Tale as Old as Time: Archetypes in Beauty and the Beast https://edsitement.neh.gov/student-activities/tale-old-time-archetypes-beauty-and-beast
• The Alphabet is Historic: The Evolving Alphabet https://edsitement.neh.gov/student-activities/alphabet-historic-evolving-alphabet
• Veterans Speak: War, Trauma, and the Humanities https://edsitement.neh.gov/student-activities/veterans-speak-war-trauma-and-humanities

Math
IXL (this is what Ames Middle School currently uses) https://www.ixl.com/math/
Khan Academy https://www.khanacademy.org/math/cc-seventh-grade-math
Learn financial literacy at The Mint http://www.themint.org/

Music
Visit a Kennedy Center collection
• Classical Music collection https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/classical-music/
• Great Composers Collection https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/great-composers/
• Jazz & Blues collection https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/

Science
Check out Physics Classroom https://www.physicsclassroom.com/class
Check out the Brain Scoop Channel https://www.youtube.com/user/thebrainscoop
Check out the surface of Mars https://accessmars.withgoogle.com/#
Conduct a science experiment
Discover a Nova Lab https://www.pbs.org/wgbh/nova/labs/
Do a lesson from Scientists Say https://www.scienencenewsforstudents.org/article-type/scientists-say
Do a Mensa Lesson https://www.mensaforkids.org/teach/lesson-plans/mission-to-mars/
Do a NASA lesson https://www.jpl.nasa.gov/edu/teachable-moments/
Do a National Geographic Brain Booster https://kids.nationalgeographic.com/
Do a PhET interactive simulation https://phet.colorado.edu/
Do a reading comprehension around a science news story https://www.scienencenewsforstudents.org/classroom-question
Do a Science Explainer https://www.scienencenewsforstudents.org/article/explainer-what-the-ph-scale-tells-us
Do an online Space Exploration http://amazingspace.org/
Download and print NASA 3D models https://nasa3d.arc.nasa.gov/models
Learn about earthquakes https://earthquake.usgs.gov/learn/kids/
Learn about viruses https://www.exploratorium.edu/learn
Listen to a Radiolab podcast https://www.wnycstudios.org/podcasts/radiolab
Play a game about climate https://climatekids.nasa.gov/menu/play/
Play science and math games at Edheads https://edheads.org/default.aspx
Read a Technically Fiction https://www.scienencenewsforstudents.org/article-type/technically-fiction
Read an article about astronomy https://kids.frontiersin.org/specialties/astronomy-and-space-science
Try SkypeAScientist https://www.skypeascientist.com/for-families.html
Watch a Bill Nye episode https://www.billnye.com/the-science-guy
Watch a video about climate https://climatekids.nasa.gov/menu/watch/
  • Adler Planetarium “Let’s Do Science”
    https://www.youtube.com/playlist?list=PL0hNDLKmZk0SdK2IchFp80tlkIszS1e
  • https://www.scienencenewsforstudents.org/collections/experiments
Visit a science museum
  • National Air and Science Museum https://airandspace.si.edu/
  • The Air and Space Museum https://airandspace.si.edu/learn/educator-resources/activities
  • Chicago Adler Planetarium virtual exhibits https://artsandculture.google.com/partner/adler-planetarium
Visit a zoo or aquarium
  • https://www.aqua.org/
  • https://kids.sandiegozoo.org/animals
  • https://nationalzoo.si.edu/webcams
  • https://zoo.sandiegozoo.org/live-cams
  • https://www.houstonzoo.org/explore/webcams/
  • https://www.monomeronbayaquarium.org/animals/live-cams
Take a field trip
  • Discovery Education (DE) Navigating Nuclear https://www.navigatingnuclear.com/nuclear-reimagined-vft/
  • DE Tech for Tomorrow virtual field trip https://techfortomorrow.com/virtual-field-trip/
  • Visit a pharmaceutical lab https://www.howsciencepowersus.com/education-resources/virtual-field-trip
  • Visit University of Michigan’s Animal Diversity Web https://animaldiversity.org/accounts/Insecta/
  • Visit Arizona State University’s biology collection https://askabiologist.asu.edu/images

Social Studies
Take a Library of Congress Online Tour https://www.loc.gov/visit/online-tours/
Complete an activity at Scholastic at Home  
https://classroommagazines.scholastic.com/support/learnathome/grades-6-12.html

Do a New York Times Lesson of the Day  
https://www.nytimes.com/column/learning-article-of-the-day

Play a game on the Bureau of Labor Statistics K-12 site  
https://www.bls.gov/k12/games/

Learn about the CIA or FBI  

Explore a topic:
- Climate Justice  
- Criminal Justice  
  https://www.zinnedproject.org/materials/?cond[0]=themes_str:Criminal+Justice+&+Incarceration
- Democracy and Citizenship  
- Economics  
- Food Issues  
- Immigration  

Tech

Learn or practice coding
- CODE  
  https://code.org/
- Codecademy  
  https://www.codecademy.com/
- SoloLearn  
  https://www.sololearn.com/
- Scratch  
  https://scratch.mit.edu/
- BlocksCAD  
  https://www.blockscad3d.com/parents