

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>
- Ideas for starting homeschooling <https://www.today.com/parents/how-homeschool-during-coronavirus-crisis-t176020>
- 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-coronavirus-covid-19>
- <https://greatminds.org/math>
- Comprehensive list of Smithsonian Education guides <https://docs.google.com/spreadsheets/d/1ZzL5DxURwtelOKbJ8jBt74fSbFpXiLMtr15fvrt4r5M/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>

DOGOnews <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/>

Learn about art history <https://www.khanacademy.org/humanities/ap-art-history/introduction-ap-art-history>

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+%26amp;+Music](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Art+%26amp;+Music)

Choose a lesson from the National Gallery of Art <https://www.nga.gov/education/teachers/lessons-activities/6-8-lessons-activities.html>

Visit a Virtual Exhibit

- Library of Congress (LoC) Comic Art <https://www.loc.gov/exhibitions/comic-art/about-this-exhibition/#explore-the-exhibit>
- The Islamic World <https://smarthistory.org/islamic/>
- Ancient Mediterranean <https://smarthistory.org/ancient-mediterranean/>
- Modernisms <https://smarthistory.org/modernisms-1900-1980/>
- Africa <https://smarthistory.org/the-art-of-africa/>
- Asia <https://smarthistory.org/asia/>
- Europe <https://smarthistory.org/europe-1300-1800/>
- Prehistoric <https://smarthistory.org/prehistoric-art-landing/>
- Global Cultures 1980-Now <https://smarthistory.org/global-cultures-1980-now/>

Visit an art collection

- Comprehensive list of museums/art collections <https://artsandculture.google.com/partner?hl=en>
- Museum of Modern Art https://www.moma.org/learn/moma_learning/
- Metropolitan Museum of Art <https://www.metmuseum.org/metmedia>
- Kennedy Center (KC) Africa collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/africa/>
- African-American collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/african-american-history/>
- Ancient Civilizations collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/ancient-civilizations/>
- Asia collection <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/>
- Innovators, Inventors, & Explorers collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/>
- Latin America collection <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/>
- Native & Indigenous Cultures collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/native-and-indigenous-cultures/>
- Kennedy Center Sound & Acoustics collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/>
- Kennedy Center Space collection <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/>

Health and Wellness

Yoga

- <https://www.youtube.com/watch?v=Td6zFtZPkJ4>
- <https://www.youtube.com/watch?v=9XBnftTBmAk>
- <https://www.youtube.com/watch?v=7kgZnJqzNaU&list=PL1O2hy0KhvCJVjLmu3vifmZ9gKM7-IckD>

Meditation

- Intro to kids' meditation <https://www.nytimes.com/guides/well/mindfulness-for-children>
- Headspace Meditation <https://www.youtube.com/channel/UC3JhfsGFPLSLNEROQCdj-GO>
- 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>
- Monterey Bay Aquarium meditation <https://www.facebook.com/montereybayaquarium/videos/495169991155930/>

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-b683-6fdb50c9a382>
- 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=PLTfstHhuPAIPaWHPTvleGPq99zPqCKPjQ>
- Elementary PE Resources https://docs.google.com/document/d/1Muvhn-EOfSMih_FMD2f7UOgsTvKEErQzrRKgezIfqa4/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

- African American History [https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:African+American](https://www.zinnedproject.org/materials/?cond[0]=themes_str:African+American)
- Civil Rights Movement [https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Civil+Rights+Movements](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/>
- U.S. National Parks <https://artsandculture.withgoogle.com/en-us/national-parks-service/welcome>

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

Language

Duolingo <https://www.duolingo.com/>

PBS learn a language:

- Spanish <https://iowa.pbslearningmedia.org/subjects/world-languages/spanish/>
- Japanese <https://iowa.pbslearningmedia.org/subjects/world-languages/japanese/>
- German <https://iowa.pbslearningmedia.org/subjects/world-languages/german/>
- French <https://iowa.pbslearningmedia.org/subjects/world-languages/french/>
- Chinese <https://iowa.pbslearningmedia.org/subjects/world-languages/chinese/>

Literacy

Write a book review <https://flipgrid.com/b75972bd>

Complete a journal entry

- Elementary prompts <https://www.journalbuddies.com/>
- Middle and high school <https://eliteessaywriters.com/blog/creative-writing-prompts/>
- Prompts for all ages <https://thinkwritten.com/writing-prompts-for-kids/>

Complete some independent reading response questions:

<https://www.cbsd.org/cms/lib/PA01916442/Centricity/Domain/1034/Independent%20Reading%20response%20questions.pdf>

Improve your grammar <https://www.khanacademy.org/humanities/grammar>

Read some short stories <https://read.activelylearn.com/#teacher/catalog/short-stories>

Explore Language Arts

[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Language+Arts&cond\[1\]=levels_str:High+Scho](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Language+Arts&cond[1]=levels_str:High+Scho)

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

Amazing Kids Magazine (kid-created online magazine) <http://mag.amazing-kids.org/>

Visit the website of a favorite author:

- Anthony Horowitz <https://www.anthonhorowitz.com/>
- Christopher Paul Curtis <https://nobodybutcurtis.com/>
- Dav Pilkey <https://pilkey.com/>
- E.L. Koenigsburg <https://www.scholastic.com/teachers/authors/e--l--konigsburg/>
- Eric Carle <https://eric-carle.com/>
- Jack Prelutsky <http://jackprelutsky.com/>
- James Patterson <https://kids.jamespatterson.com/landing-page/read-kiddo-read/>
- Jan Brett <https://www.janbrett.com/>
- Jeff Kinney <https://wimpykid.com/> ; <https://www.poptropica.com/>
- Joelle Charbonneau <http://www.joellecharbonneau.com/>
- John Scieszka <http://jsworldwide.com/>
- Judy Blume <http://www.judyblume.com/>
- Kevin Henkes <https://kevinhenkes.com/>
- Kevin Sands <http://www.kevinsandsbooks.com/>
- Mary Dowling Hahn <https://www.hmhbooks.com/author/Mary-Downing-Hahn/2233077>
- Melinda Metz <http://www.melindaandlaura.com/>

- 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>
- “Translation for Mama” by Richard Blanco <https://edsitement.neh.gov/student-activities/translation-mamaby-richard-blanco>
- 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>
- Crafting Freedom in the Early 19th Century <https://edsitement.neh.gov/student-activities/crafting-freedom-early-19th-century-america>

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/collections/classical-music/>
- Great Composers Collection <https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/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/#>

Complete a one-week introduction to energy <https://www.need.org/wp-content/uploads/2019/10/Intermediate-Energy-Infobook.pdf>

Conduct a science experiment

Discover a Nova Lab <https://www.pbs.org/wgbh/nova/labs/>
 Do a lesson from Scientists Say <https://www.sciencenewsforstudents.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.sciencenewsforstudents.org/classroom-question>
 Do a Science Explainer <https://www.sciencenewsforstudents.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 NASA e-book <https://www.nasa.gov/connect/ebooks/index.html>
 Read a Technically Fiction <https://www.sciencenewsforstudents.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=PL0hNDLKmZkf0SdK2nchFp80tlkIiszS1e>
- <https://www.sciencenewsforstudents.org/collections/experiments>

Visit a science museum

- National Air and Space 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.montereybayaquarium.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 <https://www.cia.gov/kids-page/>; <https://www.fbi.gov/fbi-kids>

Explore a topic:

- Climate Justice
[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Climate+Justice&cond\[1\]=levels_str:High+School](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Climate+Justice&cond[1]=levels_str:High+School)
- Criminal Justice
[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Criminal+Justice+&+Incarceration](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Criminal+Justice+&+Incarceration)
- Democracy and Citizenship
[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Democracy+&+Citizenship&cond\[1\]=levels_str:High+School](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Democracy+&+Citizenship&cond[1]=levels_str:High+School)
- Economics
[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Economics&cond\[1\]=levels_str:High+School](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Economics&cond[1]=levels_str:High+School)
- Food Issues
[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Food&cond\[1\]=levels_str:High+School](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Food&cond[1]=levels_str:High+School)
- Immigration
[https://www.zinnedproject.org/materials/?cond\[0\]=themes_str:Immigration&cond\[1\]=levels_str:High+School](https://www.zinnedproject.org/materials/?cond[0]=themes_str:Immigration&cond[1]=levels_str:High+School)

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>