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](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](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://www.techlearning.com/resources/free-online-learning-resources-for-schools-affected-by-coronaviruscovid-19)
- [https://greatminds.org/math](https://greatminds.org/math)
- Comprehensive list of Smithsonian Education guides [https://docs.google.com/spreadsheets/d/1ZzL5DxURwteI0KbJ8jBt74fSbFpXIMttrL5fvt4r5M/edit#gid=942645106](https://docs.google.com/spreadsheets/d/1ZzL5DxURwteI0KbJ8jBt74fSbFpXIMttrL5fvt4r5M/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](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](https://read.activelylearn.com/#teacher/catalog)
- Have kids complete a Safe Online Surfing (SOS) training for their grade level [https://sos.fbi.gov/en/](https://sos.fbi.gov/en/)

News Sources for Children (all ages)

- CBC (Canadian Broadcasting Corporation) Kids [https://www.cbc.ca/kidsbc2/](https://www.cbc.ca/kidsbc2/)
- DOGO News [https://www.dogonews.com/](https://www.dogonews.com/)
- Newseum [https://www.newseum.org/](https://www.newseum.org/)
- Scholastic News Online [https://scholasticnews.scholastic.com/](https://scholasticnews.scholastic.com/)
- Science News [https://www.sciencenewsforstudents.org/](https://www.sciencenewsforstudents.org/)
- Smithsonian Tween Tribune [https://www.tweentribune.com/](https://www.tweentribune.com/)
- Time for Kids [https://www.timeforkids.com/](https://www.timeforkids.com/)
- Youngzine [https://youngzine.org/](https://youngzine.org/)

Art

- Watch or read about an artist [https://art21.org/](https://art21.org/)
- Do a Doodle with Mo Willems [https://www.youtube.com/watch?v=RmzjCPQv3y8](https://www.youtube.com/watch?v=RmzjCPQv3y8)
- Visit a collection in the National Museum of African Art [https://africa.si.edu/education/online-video/](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](https://www.ustream.tv/recorded/125825554)
- Explore an art & history theme: [https://www.zinnedproject.org/materials/?cond[0]=themes_str:Art+&amp;+Music](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/innovators-inventors-explorers/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/innovators-inventors-explorers/)
- 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 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=9XBnTBTmAk](https://www.youtube.com/watch?v=9XBnTBTmAk)
- [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/UC3JhfsgFPLSLO6QdG
- Insight Timer meditation app (an outstanding free app with every kind of meditation for every age) https://www.howsciencepowers.us.com/education-resources/virtual-field-trip

PE – How to make fitness fun at home
- Just Dance Workouts https://www.youtube.com/watch?v=RefJ2QOsWLo
- NFL Play 60 http://www.nfl.com/play60
- Take a field trip to the NFL https://aha-nflplay60.discoveryeducation.com/?EC=a0d9699e-2500-4eaf-b683-6f6b50e9a382
- 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/1MuvheEOFSmih_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](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](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](https://sourcebooks.fordham.edu/mod/modsbookfull.asp)
Arts, crafts, recipes, magic tricks, projects are available at: [http://capstonekids.com/make-stuff/index.html](http://capstonekids.com/make-stuff/index.html)

**Independent Study**

Getting started

• National Archives Getting Started With Research [https://www.archives.gov/research/start](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/](https://learninglab.si.edu/)
• KQED [https://www.kqed.org/deeplook](https://www.kqed.org/deeplook)
• CK12 [https://www.ck12.org/student/](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/

Improve your grammar https://www.khanacademy.org/humanities/grammar
Read some short stories https://read.activelylearn.com/#teacher/catalog/short-stories
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.anthonyhorowitz.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/
- 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/](http://www.mowillems.com/)
• Rick Riordan [http://rickriordan.com/](http://rickriordan.com/)
• Roald Dahl [https://www.roalddahl.com/](https://www.roalddahl.com/)
• Scott Westerfeld [https://scottwesterfeld.com/](https://scottwesterfeld.com/)
• Shakespeare for Kids [https://www.folger.edu/shakespeare-kids?cid=588](https://www.folger.edu/shakespeare-kids?cid=588)
• Sharon Draper [http://sharondraper.com/](http://sharondraper.com/)
• Tomie DePaola [https://www.tomie.com/](https://www.tomie.com/)
• Troy Cummings [http://www.troycummings.net/](http://www.troycummings.net/)
• Walter Dean Myers [https://walterdeanmyers.net/](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](https://edsitement.neh.gov/student-activities/every-day-we-get-more-illegal-juan-felipe-herrera)
• Veterans Speak: War, Trauma, and the Humanities [https://edsitement.neh.gov/student-activities/veterans-speak-war-trauma-and-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/](https://www.ixl.com/math/)
Khan Academy [https://www.khanacademy.org/math/cc-seventh-grade-math](https://www.khanacademy.org/math/cc-seventh-grade-math)

Music
Visit a Kennedy Center collection
• Classical Music collection [https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/classical-music/](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/](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/collections/jazz-blues/](https://www.kennedy-center.org/education/resources-for-educators/classroom-resources/collections/collections/jazz-blues/)

Science
Check out Physics Classroom [https://www.physicsclassroom.com/class](https://www.physicsclassroom.com/class)
Check out the Brain Scoop Channel [https://www.youtube.com/user/thebrainscoop](https://www.youtube.com/user/thebrainscoop)
Check out the surface of Mars [https://accessmars.withgoogle.com/#](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.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=PL0hNDLKmZk0SdK2IehFp80tlkJiszS1e]
  - [https://www.sciencenewsforstudents.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.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/]

7
Complete an activity at Scholastic at Home  
https://classroommagazines.scholastic.com/support/learnathome/grades-6-12.html


Learn about the CIA or FBI https://www.cia.gov/kids-page/; https://www.fbi.gov/fbi-kids

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