



## Gifted and Online Enrichment Resources

March 23, 2020

The Minnesota Department of Education (MDE) defines distance learning as “students have access to appropriate educational materials and receive daily interactions with their licensed teachers.” Supporting gifted learners in the period where students are working from home provides some challenges and opportunities. MDE has provided a document to help districts set up distance learning. This document builds on those delivery systems and applies them to distance learning for gifted and talented learners.

Considerations Classroom Teachers and Gifted Education Specialists (K-12):

- Where are you now in your unit planning?
- Which standards are you working on now?
- What standards are aligned with the next learning?
- How might you bundle standards for distance learning lessons?
- What delivery system(s) will be used and how can instruction be aligned and differentiated for that delivery system?
- How will you pre-assess prior knowledge and understanding?
- How will you differentiate the content, process and demonstration of mastery for students able to move at a faster pace?
- What materials are available to augment instruction and learning?
- How will instructional feedback be given within the distance learning model? class? Do they have access to these same platforms and tools at home?
- How will you pre-assess prior learning and understanding?
- How will you use formative assessment(s) to drive your instruction?

### Links to Resources from Gifted and Talented professional organizations:

[Kentucky Association for Gifted Education \(KAGE\) Curated Resources](#)

[Massachusetts Association for Gifted Education \(MAGE\) Project Menus](#)

[Minnesota Council for Gifted and Talented](#)

[Minnesota Department of Education Gifted and Talented](#)

[Minnesota Educators of Gifted and Talented](#)

[National Association for Gifted and Talented Children](#)

[Ohio Association for Gifted Children \(OAGC\) COVID-19 Links for GISs and Parents](#)

[Paradise Valley USD Gifted Education Teacher Project Menu](#)

[Texas Association for the Gifted \(TAGT\) G/T Resources for School Closures](#)

## Web Sites of Interest by Topic

### Advanced Placement (AP) Supports from the College Board

[Supporting AP Student Learning During School Closure](#). A quick reference sheet for educators teaching Advanced Placement courses, including flexible testing options and instructional supports for teachers.

[AP Updates for Schools Impacted by Coronavirus](#). Ongoing updates from the College Board related to AP testing deadlines, instructional support, and resources.

[AP Teacher Community](#). More than 32 online communities for all AP courses so AP teachers can discuss teaching strategies, share resources, and connect.

[AP Coordinator Community](#). A professional learning network connecting AP coordinators worldwide.

[AP YouTube Channel](#). College Board's dedicated You Tube channel, with teacher tips, student stories, and course resources.

### Animal Live Cameras and Park Tours

Atlanta Zoo [panda cam](#)

Georgia Aquarium [whale webcam](#)

Houston Zoo [gorilla habitat cam](#)

[Minnesota Zoo animal webcam](#)

[National Zoo webcams](#)

Monterey Bay [Aquarium live cam](#)

Prague Zoo [live gorilla cam](#)

[Stories at the San Diego Zoo](#)

[Virtual tour at the Yellowstone National Park](#)

### Arts

Download Coloring Books: [Color Pictures from 113 Museums](#)

Google Arts and Culture, [explore iconic locations in 3D](#)

[Home-based Art Lessons](#)

Music and Art curriculum [Leave Your Sleep for Education](#)

Kennedy Center arts education resources [Kennedy Center Artist-in-Residence Virtual Workshop](#)

Metropolitan Opera Nightly [Met Opera Streams](#)

[Minneapolis Institute of Art teacher resources](#)

[National Gallery of Art lessons and activities](#)

## Field Trips: Museums

Art museums in Washington, DC, Paris, New York, Amsterdam, Florence, Italy: [nine museums online tours](#)

[Minneapolis Institute of Art teacher resources](#)

National Women's History Museum [virtual tour](#)

Smithsonian Museums Distance Learning [Resources from the Smithsonian](#)

## Free subscriptions

[Educational Companies Offering Free Subscriptions Due to School Closings](#)

## General Resources /Multiple Topics

ABC to ACTs is a [list of apps for children with special needs](#)

Acessibyte [will provide free access to its entire cloud platform of special needs apps](#) for blind, low vision, deaf and reading impaired students during school closure.

Houghton Mifflin [will provide temporary free access to virtual learning resources](#)

*Khan Academy:*

[Imagineering in a Box](#) is a collaboration between Disney and Khan Academy series of videos in which Imagineers share how they use a wide-range of skills.

Khan Academy provides free [high quality materials](#) for educators, districts, and students.

Khan Academy Kids in a [free education program for children 2-7](#) with an offline version available for when internet access is difficult.

Partner links to [content by topic](#).

*Open Culture Resource:*

Audiobooks: [Online Audiobooks](#) – classics

Courses: [1,300 Online Free Courses](#) from Stanford, Massachusetts Institute of Technology (MIT), Harvard and more

Educational Resources: [Online Educational Resources](#) – Video lessons, apps, books, websites

Textbooks: [Online Textbooks](#)

[Ranger Rick](#), and [Ranger Rick, Jr.](#) Parent Reading Guides in English and Spanish.

Public Broadcasting Service [PBS Learning Media](#).

[Raising LifeLong Learners website has resources](#) for curriculum, activities, book lists and more for parents and educators of gifted learners.

## **Projects/Activities**

Day-by-day projects to keep kids reading, thinking, and growing by [Scholastic Learn at Home](#)

Download Coloring Books: [Color Pictures from 113 Museums](#)

Three weeks of [Maker Station Ideas](#)

[National Gallery of Art lessons and activities](#)

Prufrock Press [Prufrock Press At-Home Student Activities and Worksheets](#)

[50 Activities you can do at home with your kids](#)

## **Science/Science, technology, engineering, and mathematics (STEM)/Computer**

[Code.org provides opportunities for learning computer science](#) at home during school closures via computer or smart phone.

*National Aeronautics and Space Administration (NASA):*

[National NASA educational resources](#) offers a wide variety of educational materials for students and educators.

[NASA Jet Propulsion Lab: STEM activities](#)

[NASA STEM @ Home](#)

[Projects at Mouse.org](#) provide steps for students to create technology projects

[Ranger Rick](#) and [Ranger Rick, Jr.](#) Parent Reading Guides in English and Spanish.

[STEM resources](#), activities for educators, students and families.

## **Blogs**

[Alternative Method of Learning: Supporting Parents and Students at Home](#). Debbie Dailey, NAGC STEM Network chair and co-chair of the NAGC Professional Standards Committee, provides insight regarding how and why gifted students need challenge when learning from home. Offers augmented reality and virtual reality resources, and a link to home science experiments and other teaching resources. (March 17, 2020).

[Just in Time: 20 Terrific Free Content Resources](#). Brian Housand, Ph.D., and former Teaching for High Potential columnist, has curated his favorite list of resources to help educators deliver meaningful learning experiences to students in various curricular disciplines.

[Low-Prep \(and Teacher Approved\) Activities YOU Can Do with Your Children](#). Ruth Lyons, Teaching for High Potential columnist, offers some great ideas parents can do with their young gifted children at home.

[Resources for Learning from Home during COVID-19 School Closures](#), by Michael J. Pettrilli, Flypaper, The Fordham Institute. The author suggests best educational You Tube channels, educational videos (Netflix, Hulu, and Amazon Prime), podcasts, and free online instructional materials for kids. (March 16, 2020).

[Take a Hike Part 2: The Encyclopedia of Life](#). Jeff Danielian, NAGC teacher resource specialist and editor of Teaching for High Potential, shares his lesson plans using The Encyclopedia of Life, an online “open-science” database and website of over one million species, with aggregated text, descriptions, video clips, and sound files from over 180 scientific organizations and scientists around the world. (April 2014).

Address any questions to Wendy Behrens, Gifted and Talented Education Specialist at [mde.academicstandards@state.mn.us](mailto:mde.academicstandards@state.mn.us)