



*In order to support families in the St. Louis region staying at home for an extended period of time, STEMSTL has compiled the following list of online educational STEM-related resources to ensure continued learning. If you have more you would like to share, please send links and resources to [nself@stemstl.org](mailto:nself@stemstl.org).*

### **Play and learn.**

Links to STEM-related online games.

- Maryville: [List of STEM-related games for kids elementary through middle school.](#)
- [Another list of Educational Game sites, there are a variety of content-areas, age ranges, and skill levels to choose from.](#)
- How about some [Coding Combat](#)? Or [Launch Code](#)?
- A variety of games that are [out of this world](#).

### **Watch and learn.**

Videos to stimulate thinking and creativity.

- [PBS Learning Media has a lot of great online content, with the ability to narrow down by subject or age group.](#) ([Bonus content.](#)) [Also check out their Educator and Caregiver Toolkit!](#)
- Challenger Center: [Who doesn't love space?! Parents, you can help your students take a trip!](#)
- How about a [virtual museum visit](#)?
- Scholastic has [videos + matching activities](#) for K-6+.
- [The Fab Lab](#) is STEM with style!
- How about live science conversations with [Skype A Scientist](#)?
- <https://www.khanacademy.org/> is posting daily schedules for students ages 4-18, click on the link at the very top of their page.
- [A huge list of virtual field trips, virtual tours, and live webcams, all in one place!](#)
- 150+ educational shows to watch on [Netflix](#).

### **Listen and learn.**

For auditory learners.

- Here is a list of good [science-focused podcasts](#) that are kid-friendly.

### **Hands-on learning.**

Easy activities that can be completed around the house.

- [Easy K-5 Science Lessons](#)
- [How about Making Things?!](#)
- Project Lead the Way + Verizon: [Easy STEM activities to do at home](#)
- Wash U Institute for School Partnership: [Everyday mySci activities for parents + kids at home](#)
- [STEM Activities for parents \(+ how to talk to your children about COVID-19\)](#)
- Downloadable lessons and activities related to [energy](#). Like what you see? Explore what it means to have a [career in energy](#).

### **One stop shop.**

Longer lists for those who like everything in one place.

- St. Louis Science Center's [Gateway to STEM](#).
- [This is a list of organizations that have free offerings in response to our current situation.](#)
- [A very comprehensive list of online resources in STEM learning broken down by age group.](#)
- [Another large comprehensive list of K-12 STEM learning resources broken down by discipline.](#)
- [Ten free K-12 STEM websites.](#)
- National STEM Learning Ecosystems and TIES have put together resources and webinars with [STEM@HOME](#)
- St. Louis Graduates has compiled a similar resource list that can be found [here](#).
- From the Girl Scouts of Eastern MO: [Scouting from Home](#).
- Check out [educate.today](#)'s wonderful and comprehensive list of resources for continued learning!

### **Need a break?**

- Feeling stressed? Here's a [range of helpful tools](#) to reduce anxiety.
- Ready for a break? @westoriestl is planning bedtime Insta reads.

### **Resources for Parents**

It can be hard to know how to talk to kids about coronavirus.

- Organizations like the National Child Traumatic Stress Network have created wonderful guides: <https://lnkd.in/exAEbmx>
- KidsHealth.org also has terrific information available: <https://lnkd.in/eRJS-ZF>
- Here is a [social services directory](#) courtesy of HOME WORKS!
- [That discomfort you're feeling is grief?](#)

### **Local Libraries**

For those with a library card, now is the time to take advantage of the online resources available for free.

- St. Louis County Library: <https://www.slcl.org/content/ecourses> and <https://www.slcl.org/emedial> provide a variety of learning media.
- St. Louis Public Library: go to <https://www.slpl.org/> and click on 'digital content' for a variety of resources.
- St. Charles County Library: check out their [media page](#) for tons of free resources.

### **Public Schools**

- Find food distribution sites [here](#).

### **Internet Services**

Internet providers are making resources available to our community:

- [Learn more about Spectrum's community assistance plan](#). Internet is not available if there is an existing balance.

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*Additionally, the National STEM Learning Ecosystems initiative is compiling a list of home activities for K-12 students they can present in a series of webinars. If you have ideas you'd like to share please fill out the form linked [here](#).*