**6-8 Supplementary Science and STEAM Resources for Home Learning**

Above all, we want to keep students at this grade level curious and questioning. Where possible students should be encouraged to investigate areas of personal interest and relevance. At this grade level students should be asking questions that lead to scientific investigations. Their investigations should be becoming more sophisticated as well. Journaling at this stage is a vital part of investigating in Science and STEAM. Please encourage students to keep a journal each week of their investigations. Here is a site to help get started: [How to Keep a Science Journal.](https://www.superchargedscience.com/how-to-keep-a-science-journal/)

* Global Goals: World’s Largest Lesson: <https://worldslargestlesson.globalgoals.org/resources-for-online-and-at-home-learning/>
* OpenSciEd Middle School Science Units: <https://www.openscied.org/access-the-materials/>
* TeachEngineering:

<https://www.teachengineering.org/>

* PhET simulations: <https://phet.colorado.edu/en/simulations/category/by-level/middle-school>
* Demonstration / Making - Home Science/STEAM activity ideas:
  + <http://dailystem.com/resources/>
  + <https://www.tinkercad.com/>
  + <https://apps.apple.com/ca/app/fingercad/id364926834>
  + <https://www.nasa.gov/stem-at-home-for-students-5-8.html>
  + <https://www.exploratorium.edu/snacks>
* Video Resources:
  + Mark Rober: <https://www.facebook.com/MarkRoberYouTube/posts/3129485350395544>
  + Joseph’s Machines (Rube Goldberg style)

<https://www.youtube.com/user/allonewordplease>

* BrainPOP.com:

<https://www.brainpop.com/>