

# Science Remote Learning Module Week 2: 4/6 - 4/9

## Procedure for week 2

1. Complete the [feedback survey](#) for last week, if you have not yet done so.
2. Complete any two activities from the choice board below.
3. You will need to make a copy of any included Google Doc, or if the activity does not include a Doc, start your own.
4. Spend no more than 60 minutes on any one task. Here is a [suggestion as to how you can schedule your week](#).
5. Even if you haven't finished, submit what you have completed to the Google Classroom post, "Science Remote Learning Module 2."

Current events	Science Content	Science Practice	Engineering
<b>Read a NEW <a href="#">NEWSela</a> science article</b> <ul style="list-style-type: none"> <li>You are now the news reporter for the <i>Lexington Minuteman</i>! Summarize all the key points of the article in 150-250 words.</li> <li>At the end of your summary, attach the link of the article.</li> </ul>	<b>Simulation of the Week</b> <ul style="list-style-type: none"> <li>Use the "states of matter" simulator found <a href="#">here</a> to look at how the atoms that make up an element react to heat.</li> <li>Complete the simulation guide found <a href="#">here</a> and attach it to Classroom.</li> </ul>	<b>Cooking/baking</b> <ul style="list-style-type: none"> <li>Cook or bake something <b>with an adult</b> at home</li> <li>Write out:               <ol style="list-style-type: none"> <li>1. A material list for your project</li> <li>2. A procedure for making what you did.</li> <li>3. A picture of the finished product!</li> </ol> </li> </ul> <a href="#">Example!</a>	<b>Rube Goldberg Challenge for Week 2!!!</b> <ul style="list-style-type: none"> <li>Design a RGM with a minimum of 5 separate parts <b>found in your house now</b> that finishes with the final object <b>increasing</b> its gravitational potential energy.</li> <li><a href="#">Example of RGM</a></li> <li>When done, post a video of your machine!</li> </ul>
<b>Read a NEW <a href="#">NEWSela</a> science article</b> <ul style="list-style-type: none"> <li>You are now a local news anchor! Summarize all the key points of the article in a 30 second video.</li> <li>When you upload your video summary, include the link of the article to the classroom entry.</li> </ul>	<b>Advanced Reading of the Week</b> <ul style="list-style-type: none"> <li>Read the article about <a href="#">The Science of Heat vs Temperature</a> and how it relates to cooking</li> <li>Complete a <a href="#">3-2-1</a> about what you have read.</li> </ul>	<b>Making observations and asking questions</b> <ul style="list-style-type: none"> <li>Watch the <a href="#">Drinking Bird</a> video.</li> <li>Record 3 observations and 3 questions from the video</li> <li>Make a prediction and try to explain how the drinking bird works using the following vocab words               <ul style="list-style-type: none"> <li>○ Energy transformation</li> <li>○ Kinetic energy</li> <li>○ Gravitational potential energy</li> </ul> </li> </ul>	<b>Coding!!!</b> <ul style="list-style-type: none"> <li>Choose a <b>NEW</b> activity from <a href="#">Hour of Code</a> to complete from either the grades 6-8 or grade 9+ section.</li> <li>After you completed the activity, share the link of your creation on classroom.               <ul style="list-style-type: none"> <li>○ An example of this looks like <a href="#">this</a>.</li> </ul> </li> </ul>

### **Suggested time management strategy for the week:**

- Monday - Look at the choices and pick your two activities for the week. Spend 15 - 25 minutes to start activity one
- Tuesday - Spend 15 - 25 minutes to finish activity one
- Wednesday - Spend 15 - 25 minutes to start activity two
- Thursday - Spend 15 - 25 minutes to finish activity two.
- Remember to submit what you have done on Google Classroom

### **Want more? Optional extension activities**

- Complete more of the activities on the choice board.
- Try these home-based experiments of the week:
  - MOTION SAND: [https://www.youtube.com/watch?v=PUy42\\_m4D1U](https://www.youtube.com/watch?v=PUy42_m4D1U)
    - Share a photo of your product
  - PROPELLER CAR: <https://www.youtube.com/watch?v=YSqj1c8fBns>
    - Design a course for your propeller car! Share a photo!