

## Chemistry Learning Activities

April 13 - April 18

We worked hard to ensure that the Learning Plan provides accessibility for all learners. We hope that you see that there are options to engage learners at all levels. These activities are not intended to replace the normal school day. ***There is now an expectation for students to turn these documents in to your specific educators.*** We want you to take time to enjoy family, be safe, stay healthy and find time within this week to engage in learning opportunities. Feel free to create a schedule that works for you and your family. We strongly encourage each student to participate in approximately two hours a day. We want your brain working and challenging yourself, while staying safe and having fun. There are additional options for reading.

The Learning Activities Document only provides a brief description of the choices students have to demonstrate their learning. For access to the student documents, please go to GoogleClassroom. When finished, students can submit their work to their teacher on GoogleClassroom. If a parent would like to be added to the Google Classroom, please send an email to your student's teacher.

For Additional Information on Community Resources and Support See:

<http://www.fairhavenps.org/cms/One.aspx?portalId=106528&pageId=27385241>

### Theme of the Week: Carbon In Your World

Learning Activities	Technology or Materials
1. Complete the Concentration phet simulation to investigate what happens when you create a saturated solution. A saturated solution means that no more solid will dissolve. <ul style="list-style-type: none"><li>● Complete worksheet</li></ul>	<ul style="list-style-type: none"><li>● PhET HTML5 simulation</li></ul>
2. Explore making a supersaturated solution and see what happens when it cools, make rock candy. <ul style="list-style-type: none"><li>● Lab handout directions and questions</li></ul>	<ul style="list-style-type: none"><li>● Youtube video instructions</li><li>● Sugar</li><li>● Water</li><li>● Large glass container</li><li>● Smaller glass jar</li><li>● Measuring cups</li><li>● Heavy stirring spoon</li><li>● Pencil</li><li>● Food coloring (Optional)</li><li>● String (new preferred)</li><li>● Scissors</li><li>● Wax or parchment paper</li></ul>

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<p>3. Go for a walk alone or with your family in your neighborhood or at a local trail, beach, or river front. As you are walking, collect rocks. When you return home you will test the rocks to determine if they are limestone or not. Response sheet</p>	<ul style="list-style-type: none"><li>● 5-10 Rocks collected on a walk</li><li>● Vinegar (apple cider or white vinegar)</li><li>● Bowl or cup for each rock</li></ul>
<p>4. Read about the science behind making rock candy and complete the response.</p> <ul style="list-style-type: none"><li>● Response sheet</li></ul>	<ul style="list-style-type: none"><li>● The sweet science of candy making</li><li>● Article in spanish</li></ul>
<p>5. Read and respond to the two newsELA articles provided.</p> <ul style="list-style-type: none"><li>- Dream job: food chemistry</li><li>- Intro to chemical compounds</li></ul> <p>Please submit a 2-4 paragraph response that summarizes what you read. Use at least three supporting details from each article.</p> <ul style="list-style-type: none"><li>● Response sheet</li></ul>	<ul style="list-style-type: none"><li>● Dreamjob: food chemistry</li><li>● Intro to chemical compounds</li></ul>