

Physical Science Enrichment

(Week 4) 4/13-4/17

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 only provide a brief description of the choices students have to demonstrate their learning. The links are not live. For live links please go to GoogleClassroom. There the Links will make copies of any documents directly for your student. When finished, they can submit to their teacher on GoogleClassroom. If a parent would like their copy of the Learning Activity with active links, then send an email to your students teacher.

For Additional Information on Community Resources and Support See:

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

Please **choose at least 1 activity** from the list and have fun with it. Please use the associated Google Doc found on Google Classroom to complete and submit your work.

- 1) First of its kind 'teardrop' star discovered. What other kinds of wild star shapes are out there?
Read this article and answer questions on the Google Doc posted on Google Classroom.
- 2) Meteorite, which fell in Australia in 1969, has blue crystals from the sun.
Read this article and answer questions on the Google Doc posted on Google Classroom.
- 3) Why can't anything escape a Black Hole?
Read this article and answer questions on the Google Doc posted on Google Classroom.
- 4) Build your own Stomp Rocket
The resources listed below take you through the process of building and testing your own stomp rocket. Examine the resources below and follow along with the

Google Doc posted on Google Classroom.

- a) <https://www.youtube.com/watch?v=5bO8dpPuG4E>
- b) <https://www.youtube.com/watch?v=iUmkj5XHOaw>
- c) <https://www.jpl.nasa.gov/edu/teach/activity/stomp-rockets/>