<u>**Robotics Enrichment (Week 4)**</u>
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

CODE.org is a free website to learn computer science by trying the lessons below at your own pace! Learn to create computer programs, develop problem-solving skills, and work through fun challenges! Make games and creative projects to share with friends, family, and teachers.

This online resource <u>***Express Course (2019)***</u> provides a way to practice the programming skills you use for robotics. With a complete list of projects for an entire programming class.

Please **choose at least 1 activity** from the list and have fun with it. Please feel free to jump to the next activity when you finish.

1) Basic coding to get used to the website. Walks you through each step of the way.

2) Slightly more interesting program with Angry Birds: Watch the video and then click continue for the programming activity.

3) Debug this existing program: Most of the time spent programming is actually tweaking the program to get it just right.