

POE & Projects 2 Remote Learning Calendar - D. Larson

June 1 - 5

Quick Links: [Google Classroom](#), [MHS Remote Learning Hub](#), [my.PLTW](#), & [Larson Links Website](#)
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 Mr. Larson's Class Schedule

| Day | To Do | Resources |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monday, 6/1 Projects 2 A Day | Topic: Genius Hour Final Report <input type="checkbox"/> Today's the Day to be sure you've turned in your Genius Hour Project. <input type="checkbox"/> There is a link on Google Classroom where you can submit your final slideshow report (link to make a Screencastify video, but feel free to create a video using other resources if you'd prefer and upload it on Google Classroom). | <input type="checkbox"/> Google Classroom <input type="checkbox"/> my.pltw.org |
| Tuesday, 6/2 POE B Day | Topic: Calculating Truss Forces: The Joint Method <input type="checkbox"/> See Google Classroom for today's assignment <input type="checkbox"/> There are a number of online resources available to help you with this complex process to calculate the angles and all related forces in a truss system. While the video you will watch today is directly based on our POE course, I'd encourage you to spend some time exploring other resources to deepen your understanding. <input type="checkbox"/> On my Larson Links Website , I've linked to a number of helpful video tutorials that I find clear and helpful. | <input type="checkbox"/> Google Classroom <input type="checkbox"/> Google Drive |
| Wednesday, 6/3 Projects 2 A Day | Topic: Put your Design Skills to Work: Squirrel Proof <input type="checkbox"/> Watch the <i>Building The Perfect Squirrel Proof Bird Feeder</i> video. <input type="checkbox"/> To Do: Sketch an idea(s) you have for additional obstacle course elements you think could be added to further squirrel proof their design. Remember to keep it safe for squirrels and don't forget to annotate your sketch(es). | <input type="checkbox"/> Google Classroom <input type="checkbox"/> Google Drive <input type="checkbox"/> Engineering Ntbk <input type="checkbox"/> Passion for something :) |
| Thursday, 6/4 POE B Day | Topic: Calculating Truss Forces Practice <input type="checkbox"/> See Google Classroom for today's assignment <input type="checkbox"/> Watch the video I made. Be sure to record notes on the process and turn in your notes. <input type="checkbox"/> Notice what helpful notes I put on my paper about rules for solving truss forces to help me as I go through the process like: <ul style="list-style-type: none"> <input type="checkbox"/> SohCahToa <input type="checkbox"/> $\sum M=0$ (Sum of Moments must equal zero) <input type="checkbox"/> $\sum F_y=0$ (sum of forces in the y direction must equal zero) <input type="checkbox"/> $\sum F_x=0$ (sum of forces in the x direction must equal zero) <input type="checkbox"/> Also notice the use of specific steps as I work through the process. | <input type="checkbox"/> POE notebook <input type="checkbox"/> my.pltw.org <input type="checkbox"/> MDSolids program on MHS laptop |
| Friday, 6/5 Projects 2 A Day | Topic: <input type="checkbox"/> TBA (To Be Announced) - stay tuned! | <input type="checkbox"/> Google Classroom <input type="checkbox"/> Google Drive <input type="checkbox"/> Engineering Ntbk <input type="checkbox"/> Passion for something :) |