

## CONSTRUCTION FORUM - MARCH 20, 2020

**Please add short descriptions and links here. Try to keep info to a Short paragraph.**

MTEEA Distance Learning web page at

<https://www.mteea.net/index.php/resources/distance-learning-education>

### **SDC Publications:**

In our effort to support students affected by COVID-19, we have partnered with RedShelf to provide all students free access to our textbooks, as eBooks, for the remainder of the current school year. To participate in this program please call 913-262-2664 or email [service@sdcpublications.com](mailto:service@sdcpublications.com).

### **Curriculum Template**

#### **Google Doc for sharing.**

[https://docs.google.com/document/d/1Y9368-ZPZ9Inu7\\_qIT5raCUJCklugssaAP0pK4quXNY/edit](https://docs.google.com/document/d/1Y9368-ZPZ9Inu7_qIT5raCUJCklugssaAP0pK4quXNY/edit)

#### **Architecture:**

**LucidChart;works on ipad and chromebooks**

**Chief Architect-All platforms**

**OSHA training? Is there any free sites out there?**

<https://www.geiglesafety.com/> OSHA safety training only costs if you print certificates

<https://www.oshatrain.org/>

I have been doing SP2 safety training also has soft skills. <https://sp2.org/>

Hello, Productivity Inc/MMT, LLC Educators:

In light of the COVID-19 outbreak, most school are closing temporarily and I have been asked from some of you about any online or alternative materials you could use. I received the following email today from EdgeFactor with links to FREE tools for you to utilize and wanted to share with you as soon as possible. There are also a few other things you can do to help with “no-contact” lessons – Jim Weber’s Work Ethic Lessons and Mark Terryberry’s Tip of the Day Skillset List of Videos. Here is a link to the Lessons and Video list: [HTEC Suggested Lessons](#)

**Woodworking Classes:**

**Simbuild**

<https://simbuild.com/carpentry/> -Free demo students can’t use LMS no tracking of completed activities.

**woodworking simulator-free**

<https://irregularcorp.itch.io/woodwork-simulator-prototype> woodworking simulator-free

**Heavy Equipment Training:**

**Construction loader simulation**

[https://play.google.com/store/apps/details?id=com.trimcogames.constructionloadersimulator&hl=en\\_US](https://play.google.com/store/apps/details?id=com.trimcogames.constructionloadersimulator&hl=en_US)

**Construction Management:**

<https://www.oxfordhomestudy.com/courses/construction-management-courses-online/free-online-construction-courses>

**Other Ideas:**

## **Gamesgames.com**

### **Minecraft**

**The Ruler Game** - <https://www.rulergame.net/new-english-ruler-game.php>

I have my students track progress and improvement over 5 days through a schoology discussion - 6 minutes per day or 3 games - whichever lasts longer. Great warm-up - consistent and easy for everyone to do and see improvement in. Added to Manufacturing and Construction docs...

### **Google Sketch-up**

### **WisWeb.. isometric visual games**

<https://paperrollercoasters.com/>

### **ITEEA Safety Resources: Videos and Tests**

[https://www.iteea.org/Resources/Safety/Safety\\_Tests.htm](https://www.iteea.org/Resources/Safety/Safety_Tests.htm)

Have students create a timeline for a project before they start.

Complete the project, record the time it takes.

Compare and Reflect.

### **Pro Tips for Distance Learning:**

- Try to keep any videos you create to five minutes or less. Chunk bigger topics into small ones (reduce cognitive load with video as well!).
- Block a personal number if you need to call a family: \*67 + the phone number (a trick from the '90s that still works).

Maybe add home maintenance to google parent survey "are you ok with you kids doing at home maintenance?" Have students plan and record project.

4-30-20

Construction

Wild Wonderful Off-grid - <https://www.youtube.com/channel/UCX49PVIb4bpvee5mZe1LlyA>

CAD

Onshape CAD, <https://www.onshape.com/>

Safety

<https://www.geiglesafety.com/> - OSHA safety training only costs if you print certificates

Home inspection

Home inspection check list.

<https://www.totalhomeinspection.com/totalhomeinspectionchecklist.pdf>

Energy audits

[https://www.xcelenergy.com/programs\\_and\\_rebates/residential\\_programs\\_and\\_rebates/home\\_energy\\_efficiency/home\\_energy\\_audit](https://www.xcelenergy.com/programs_and_rebates/residential_programs_and_rebates/home_energy_efficiency/home_energy_audit)

4-30-20

<https://www.totalhomeinspection.com/totalhomeinspectionchecklist.pdf>

<https://www.oshatrain.org/>

Sample Energy Audit -

<https://www.seattle.gov/Documents/Departments/OSE/GreenHomeGuide-FY1energyaudit.pdf>

OSHA Guide Cleaning & Disinfection - <https://www.osha.gov/Publications/OSHA3990.pdf>

Youtube construction videos - NSM Construction

[https://www.youtube.com/channel/UC\\_tXuCxjzMoXiR4MauKcsAg](https://www.youtube.com/channel/UC_tXuCxjzMoXiR4MauKcsAg)