



MSSD LEARNING RESOURCES

STEAM

Table of Contents:

- [Activities](#)
- [Lessons/Readings](#)



MSSD LEARNING RESOURCES

ACTIVITIES			
Title	Link (if it's a file upload into the folder and link to the file here or write "in folder")	Short description of content	Grade Level/Age Groups
CMU CS Academy	https://academy.cs.cmu.edu/r/34939	CMU CS Academy is a curriculum to introduce your students to Python programming. The curriculum is a free online, interactive high school computer science curriculum. Daily webinars are provided for educators interested in learning more. Free Services Offered: Always Free	9-12
Penjee	https://penjee.com/	Penjee is a place where you can learn how to code with the python language. Start right away with the tutorial. Whenever you solve a challenge, a green button will be shown. Click it to move to the next step. Each task is guided with hints, directions, and solutions if you get stuck! Free Resources Offered: Free access for the remainder of the school year in 2020 (through at least July).	9-12
Tynker	https://docs.google.com/forms/d/e/1FAIpQLSebnn8LJ4rCJgUeRAhGDB-2Aqh7j6Xx9lbOXRmB7CtxCHqfug/viwwform	Tynker is the #1 coding platform for kids – Tynker fuels creativity in thousands of schools and powers the imagination of 60 million kids worldwide. Tynker is broken down into	K-12



MSSD LEARNING RESOURCES

		three age groups: Ages 5-7 (voice instructions); Ages 7-13 (drag and drop coding); and Ages 13+ (real world coding). For teachers looking to utilize this platform, webinars are available to help you use the features in a remote learning environment. Free Services Offered: Free Access to the entire Platform until May 2020.	
Minecraft	https://education.minecraft.net/blog/microsoft-extends-access-to-minecraft-education-edition-and-resources-to-support-remote-learning/		
↑ To section table			

LESSONS/READINGS

Title	Link (if it's a file upload into the folder and link to the file here or write "in folder")	Short description of content	Grade Level/Age Groups
Volume and Data: Build the Biggest Box Using One Piece of Paper	https://docs.google.com/document/d/1sC6-PD35n3-9RdpF9uOVHpGVvtSzBF7yC1SD2bM4sI8/edit?usp=sharing		
How to Build Da Vinci's Bridge with	https://docs.google.com/document/d/1zxNMyEXF2CQ_sKMdiAxj2UaLG7ZnsnLemEuxRx		



MSSD LEARNING RESOURCES

Pencils	DJutU/edit?usp=sharing		
↑ To section table			