Middle School

Technology Applications
At-Home **Resources**

Online or screen time resources ⬤   Offline/no screen time resources ✎

TECHNOLOGY APPLICATIONS RESOURCES (SCREEN TIME OR WITH TECHNOLOGY)		
Name of Site and Link	**Description/Directions/Explanation**	**Course**
The Creative Computing Curriculum http://scratched.gse.harvard.edu/guide/curriculum.html (Parents, you will need to create a free Scratch Account so that your child can work on and save their projects.) https://scratch.mit.edu/join	This site gives students experience using the Scratch programming language.	6-8
Code.Org Computer Science Discoveries - a Middle School Computer Science curriculum https://curriculum.code.org/csd-19/	Engage students in Computer Science Discoveries, a Middle School Computer Science curriculum from Code.Org.	6-8
Try Engineering sponsored by IEEE Engaging Engineering Games https://tryengineering.org/students/games/	Experience engaging engineering games. Explore the world of engineering!	6-8

Digital Media WeVideo (In Schoology tools on the left in any course) or another video editing software. https://www.wevideo.com/academy What Makes A Good News Report? https://d12grbbaljejv6.cloudfront.net/app/uploads/2018/09/Worksheet1.2A.pdf Create your own Newscast https://d12grbbaljejv6.cloudfront.net/app/uploads/2018/09/Worksheet1.2B_1.pdf	What Makes A Good News Report? Watch a news report, answer the questions, and create your own newscast about what is happening in your community. You can edit your film using WeVideo (In Schoology tools on the left in any course) or another video editing software.	6-8
Digital Citizenship Watch Your Photo Fate. Read these tips for social media https://youtu.be/d5b1XZAkTIk Tips for social media https://cdn.netsmartz.org/tipsheets/tips_for_teens.pdf Play Digital Compass for more online safety tips https://www.digitalcompass.org/	Watch Your Photo Fate. Read these tips for social media posting and clean up your online profiles if it is needed. Share this information with a friend you see posting too much. Play Digital Compass for more online safety tips.	6-8
Digital Citizenship: Watch Split Decisions. https://www.youtube.com/watch?v=HLUv8DHt_R4&feature=youtu.be	Watch Split Decisions. Think about a time you had a conflict with a friend. What are some ways they could have handled it differently? Think of 2-3 things they could have done to resolve the situation in a more positive way. Post or send	6-8

Play Digital Compass for more online safety tips. https://www.digitalcompass.org/	something nice to one of your friends. Play Digital Compass for more online safety tips.	
Digital Citizenship: Watch Two Kinds of Stupid https://www.youtube.com/watch?v=T6ulH2bWCnY&feature=youtu.be Play Digital Compass for more online safety tips. https://www.digitalcompass.org/	**Digital Citizenship**: Watch Two Kinds of Stupid. Search for news articles where teenagers had consequences at school, jobs, or sports for what they posted. Think about how your online profiles may impact your future in a negative way. Make any changes now before you enter high school. Play Digital Compass for more online safety tips.	6-8
CILC Center for Interactive Learning and Collaboration Interactive Streamed Curriculum Content	Interactive Live Stream content from professional content providers. Learn interesting concepts from professionals like authors, television host and more.	

TECHNOLOGY APPLICATIONS RESOURCES/ACTIVITIES (NO SCREEN TIME OR TECHNOLOGY)	
Description	**Course**
Project Based Learning PBL Works https://my.pblworks.org/ Project ideas that cover a variety of STEAM subjects PBL Works. (Parents register for free to access projects	6-8
Create your own blog. Use paper, color, colored pencils, etc. Let the blog represent you. **Learning To Blog** http://www.notesfrommcteach.com/2010/09/learning-to-blog-using-paper.html	6-8
The Box Variable Project. Run simple programs that involve variables and assignment on a computer made of students. **Computer Made of Students**	6-8

https://teachinglondoncomputing.org/resources/inspiring-unplugged-classroom-activities/the-box-variable-activity/	
Explore how brakes use force and Friction to work. https://tryengineering.org/wp-content/uploads/givemeabrake.pdf	6-8