

Category	Description	Matching Content Areas	Great Free (or Free-ish) Resources	Tutorials	
3D Modeling	Any digital three-dimensional creation	Math Science Social Studies Engineering Computer Science	Tinkercad (beginner) Onshape (advanced)	Tinkercad	Onshape
Animation	series of "moving pictures" to create a video. example: stop motion	ELA Science Social Studies Computer Science	Scratch Canva	Canva Animation	Scratch Animation
Audio Production	Any original audio produced with digital tools. Music, podcast, sound effects, etc	Music/Band/Chorus ELA Social Studies	Soundtrap	Soundtrap Music	Soundtrap Podcasting
Device Modification	Make something that does something.	Engineering Science Computer Science	Makey Makey (beginner) Arduino (advanced)	Makey Makey	Arduino
Digital Game Design	Must have original content, be a playable game, with rules.	Computer Science Social Studies Math	MS Make Code Arcade Code.org	Code.org	MS MakeCode Arcade
Digital Photo Production	A single original student photograph edited with digital tools	Visual Art ELA Science Social Studies Math Computer Science	Canva Photopea	Canva Photo Editor	Photopea
Graphic Design	A combination of static images and/or words in a single design	Visual Art ELA Science Social Studies Math Computer Science	Canva	Canva	General Graphic Design for Kids
Internet Applications	Anything on the internet: website, blog, forum, wiki, YouTube channel, etc.	All Core All Fine Arts All CTAE	Canva	Canva Web Design	
Mobile Apps	Any application specifically designed for a mobile device	Computer Science	Code.org App Lab	App Lab Code.org	How to teach kids App Design
Multimedia Applications	Any multi-page creative presentation on any topic the student chooses.	All Core All Fine Arts All CTAE	Powerpoint Canva	Canva Presentation	
Productivity Design	non-multimedia projects created with productivity software: Office, Word, Excel, Forms, Etc.	Business Math ELA Social Studies Computer Apps	MS Word MS Excel MS Forms		
Project Programming	Any executable program using any programming language	All Core All Fine Arts All CTAE	MS Make Code: Microbit Code.org	MS Make Code: Microbit	Code.org
Robotics	Any autonomous machine (NO REMOTE CONTROL)	Engineering Math Science Computer Science	Lego Vex Roborobo Botley Finchbot Sphero	Botley	Finch robot
Video Production	Any original Video project edited using video editing software	All Core All Fine Arts All CTAE	Canva iMovie (apple only)	Canva Video Editor	