

WSD Middle School STEM 7th Grade Curriculum Map 2017

Timeframe	Activity	Assessment	Materials	Power Standards
Week 1-6	Simple Machines	Presentation/Project Graded	Legos	Simple Machines/STEM
Week 7-9	Applied Simple machines	Projects Graded	Legos	Simple Machines/STEM
Week 10	How to Think Creatively	Teacher Observation	Paper/Pencils	Creative Thinking/Problem Solving
	Environmentally Friendly School	Class Presentation/Project Graded	Paper/Scissors/Colored Pencils	CT/PS, Cooperative Learning Presentation Skills/Writing Skills
Week 11-12	New Skateboard Design	Class Presentation/Project Graded	Shop Supplies/Basic Power Tools	CT/PS (Familiar) Presentation Skills
	Using the Scroll Saw/Drill Press	Teacher Observation	Basic Power Tools	Basic Power Tool Usage/Writing Skills
Week 13-14	Designing New Activity or Sport for Baby Boomers	Class Presentation/Project Graded	Paper/Scissors/Colored Pencils	CT/PS (Unfamiliar) Presentation Skills Writing Skills
Optional Activity	Designing your own Theme House	Class Presentation/Project Graded	Paper/Pencils	CT/PS Writing/Presentation Skills
	Planning a House	Teacher Observation	Paper/Pencils	Multiview Drawing
	Drawing Floor Plans	Class Presentation/Project Graded	Paper/Pencils	Multiview Drawing
	Drawing Front Elevations	Class Presentation/Project Graded	Paper/Pencils	Multiview Drawing
Week 15-18	Designing your own Theme Park	Class Presentation/Project Graded	Paper/Pencils	CT/PS Cooperative Learning
	Planning all that is involved in a Park	Teacher Observation	Paper/Pencils	CT/PS Cooperative Learning
	How to Draw Three Dimensional Objects	Teacher Observation	Paper/Pencils	Isometric Projection
	Creating your Theme Park with Written Description	Class Presentation/Project Graded	Paper/Poster Board/Colored Pencils	CT/PS Cooperative Learning Writing/Presentation Skills