

Grade 8 - Technology Education - Scope and Sequence

Topic	Topic	Topic	Topic	Topic
Tool/Machine/Lab Safety	Construction Technology Systems		Control Systems	
Activity	Activity	Activity	Activity	Activity
Introduction to course; Tool/Machine/Lab Safety Instruction /Safety Tests	Overview of Construction/Structure Types; Model Bridge Design; West Point Bridge Design; Documentation Techniques	Electricity/Electronic components and circuits; Programming With The Arduino; Robotics		

Topic	Topic	Topic	Topic
Systems in a Designed World	Transportation Ssystems		
Activity	Activity	Activity	Activity
Reverse Engieering; Rube Goldberg Machine; Simple Machines; Documentation	Application of Engineering Design Process; Design/Develop/Test/Evaluate CO2 Vehicle		