

Design and Build a Toy Vehicle Sample Single Point Rubric

Next Step	Meets expectations (Level 3)	Exceeds expectations (Level 4)
	The student creates a scale model of their design	
	The student uses a minimum of 2 simple machines	
	The engineering design process shows signs that new knowledge was used to improve on the design	

Evolution of Vehicles Sample Single Point Rubric

Next Step	Meets expectations (Level 3)	Exceeds expectations (Level 4)
	Student identifies the evolution of a vehicle during their presentation	
	Student is able to explain how and why vehicles have changed over time	
	Student is able to explain their vehicle of the future is creative and makes sense.	

The Mobility of Goods Sample Single Point Rubric

Next Step	Meets expectations (Level 3)	Exceeds expectations (Level 4)
	The student is able to use coding in investigations and to model concepts	
	The student is able to successfully create a story of the movement of a particular good	
	The student is able to identify a variety of subsystems within a larger system	

Career Research Sample Single Point Rubric

Next Step	Meets expectations (Level 3)	Exceeds expectations (Level 4)
	The student is able to identify a variety of career pathways related to STEM fields	
	The student is able to identify what some of these career pathways entail and what skills are needed.	