



NGSS Standards & Curriculum Alignment

Unit 1	Focus
1.0 1.1	Introduce Accident Challenge Analyze the Problem Components Consider Possible Solutions and Ask Questions
1.2 1.3 1.4	Design and Conduct Investigations About Collisions
1.5 1.6	Analyze Investigation Results and Connect to Challenge
1.7	Design and Conduct Investigations Modeling Vehicle Speed and Mass
1.8	Core Idea Direct Instruction and Discussion: Potential and Kinetic Energy, Conservation of Energy
1.9	Address the Challenge Evaluate Solution Arguments (C-E-R Framework)