

# Forces & Motion Essay Prompts

## ***Prompt 1***

1. All across the country, state laws require drivers to wear seatbelts. Not everyone believes the use of seatbelts should be mandatory. What do you think? Make a case for or against mandatory seatbelt use. Use specific reasons and examples and physics to support your position.

## ***Prompt 2***

2. The safety and well-being of our athletes is a major concern. You are in charge of designing uniforms and equipment to help protect the football team while they play. Use specific reasons and examples and physics to support and rationalize your design.

## ***Prompt 3***

3. Car safety has evolved tremendously over the years. What design changes have been made to cars over the past 30 years in the effort to improve safety? How do these changes protect the driver and passengers? To what degree were these changes successful? Use specific reasons and examples and physics to support your explanations.