CER: When driving in a sedan, what is the difference between colliding with an SUV versus a motorcycle?

GRAPHIC ORGANIZER

Introduction (Paragraph 1):	
What is the guiding/problem question? When driving in a self driving car, is it better to collide with an SUV or a motorcycle?	List scientific terms/vocabulary that can be used in your explanation. Inertia Friction Velocity Newton's laws Force Mass Acceleration

Claim (End of Paragraph 1):

State the best explanation

Evidence #1 (Paragraph 2): Newton's 1st Law or Inertia
Describe an activity, video, or discussion from class that supports your claim. Safety car race Spring scale box and cart tablecloth scooter
Identify what about the activity, video, or discussion supports the claim.

Evidence #2 (Paragraph 3): Newton's Second Law

Describe an activity, video, or discussion from class that supports your claim.
F=ma
Scooters
Force, mass, and acceleration lab

Identify what about the activity, video, or discussion supports the claim.

Evidence #3 (Paragraph 4): Newton's 3rd Law
Describe an activity, video, or discussion from class that supports your claim. Khan academy reading scooters
Identify what about the activity, video, or discussion supports the claim.

Reasoning (Paragraph 5):

Tie together your claim and the evidence you identified. This is the how or why your evidence supports your claim.

Give an everyday example of how this **_Scientific Principle_** applies to your life and how this ties back to our overall question.