



TEACHER WARNING

This lesson includes videos of crash test dummies and a human being hit by a slow-moving vehicle. Nobody is injured.

This may evoke heightened emotional states due to related traumatic events that teachers, students, and/or their families may have experienced. Please see the unit front matter, the teacher reference associated with this lesson, and the callouts in the *Teacher Guide* for guidance around how to support social and emotional needs as you move through this unit. Never ask students to share their personal experiences unless they

Student Content Advisory



Today you will take an assessment about solutions designed to keep pedestrians safe. We will watch videos of these designs in action. Nobody will be injured in the videos.

If you need additional social or emotional support to engage with this content for any reason, please let your teacher know privately so that they can connect you to resources.

Be aware that your teacher and/or your classmates may have experienced trauma related to this topic. Approach conversations about car crashes and car safety with respect, guided by your class's community agreements.

Explore Past Designs

Today you will have the opportunity to evaluate two design solutions from the 20th century.



With your class

- Together, we will watch two videos.
- As you watch, jot down your noticings and wonderings in your notebook. They may come in handy later!
- Be ready to share some of your noticings and wonderings with the class.

Explore Past Designs



As a class

Let's watch a
video about
the Safety
Scoop!



Explore Past Designs



As a class

Let's watch a
video about
the
Pedestrian
Catcher!



Explore Past Designs



With your class

- What did you notice?
- What do you wonder?

Complete Assessment



On your own

Complete the assessment. You have the following resources at your disposal as you work:

- Wall artifacts (posters, DQB)
- Science notebook
- Handouts and tools from previous lessons

Revisit the DQB



With your class

Let's revisit the Driving Question Board

- What questions can we now answer?

→ Make a public record of these.

Mindfulness and Reflection



On your own

1. How has learning about the physics of vehicle collisions affected the way you feel when you think about vehicle safety?
2. Has something you learned about during this unit changed the way you will make decisions as a driver, a passenger, a community member, or a pedestrian? If so, how?

→ Be ready to share your ideas about question 2 with the class.

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