

## Lesson 1 Teaching Portal Materials

### Episode Supports

#### Episode 6: Reflecting

**Episode Descriptions:** By acting out races with their hands, Christopher and Kate explain why a car that goes a greater distance than another car in the same amount of time will be faster than that car.

**Focus Questions:** For use in a classroom, pause the video and ask these questions:

1. [Pause video at **0:40**] What did Kate and Christopher just do? Try it for yourself. What do you notice?
2. [Pause video at **1:45**] Describe the two lines in Christopher’s diagram. What do they represent? Make and label your own diagram that shows why the red car is going slower than blue car when they are both traveling for the same amount of time.

**Supporting Dialogue:** When engaging in the tasks in class, invite your students to consider the varied student work in the room on by considering the student diagrams from Focus Question #2:

- As students build their own diagrams, find two different ways that the students are expressing their ideas and ask the students if they would be willing to share their work with the class.
- As students share their work, ask another student in the classroom to compare what they heard. For example: “Can someone say how Selena’s and Alma’s diagrams are different? How are they similar?”

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