

Lesson 1 Teaching Portal Materials

Episode Supports

Episode 4: Exploring

Episode Descriptions: Kate and Christopher form and test a rule for choosing the number of miles for the red car to go if it is slower than the blue car, and the two cars both travel for 6 minutes.

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

1. [Pause video at **0:42**] What distance do you think Kate and Christopher should enter to make the red car go slower than the blue car when both cars travel for 6 minutes?
2. [Pause video at **1:56**] What is Kate’s idea? What is Christopher’s idea? Who do you agree with and why?

Supporting Dialogue: Allow students the opportunity to revoice others’ ideas by asking students to:

- Talk to a neighbor about Focus Question #2. Invite the students to prepare their observations for sharing with the class.
- When students share, ask another student to revoice what they heard by asking: “Who can revoice what Natalie just shared?”

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