

Renee Cunningham

Take Me On A Ride 40 min

Objective:

Students will be able to:

- *understand the science-specific vocabulary related to roller coasters.
- *make a real-world connection to their force and motion study.

Big Idea:

What is the science behind roller coasters?

1. Warm Up / Anticipatory 5 min

Show the "live" videos of roller coasters riding from the Wonder article.

Ask students to share any roller coaster experiences of their own.

2. Investigation and New Learning 30 min

Read the Wonder article.

Assign each student a vocabulary word (some may duplicate).

Each student will make a Trading Card. A picture and the word on one side; definition on the other.



Have students line up in pairs facing each other. Students will teach their partner the vocabulary word, then trade cards. After students have taught and traded one line will move one person to the right, and repeat the teach and trade. Repeat for 5-8 rotations so students become familiar with multiple words.

3. Review & Check for Understanding 30 min

Have students complete the WonderWord challenge on the Wonderopolis website to review vocabulary.

Note: An excellent extension of this lesson would be the Hot Wheels Speedometry Kit. It is free, and includes lesson plans. <http://www.hotwheels.com/en-us/speedometry.html>