

## INTEGRATE TEACHING STRATEGY

Name of Curriculum: MOTION AND DESIGN

Grade Level: 4

Where in the curriculum will you include a CER learning task (e.g. topic, lesson, pages)?

End of Lesson 7: TESTING AFFECTS OF RUBBER BAND ENERGY.

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What question will you ask students?

~~How~~ Does the number of turns on the rubber band affect the distance the vehicle travels?

Write an example of the Claim, Evidence, and Reasoning (if applicable Rebuttal) that you would like your students to construct.

**Claim:** Yes the number of turns on the rubber band does affect the distance the vehicle travels.

**Evidence:**

Using data table  
Give

Number of turns	Average Distance traveled.
2	
4	
8	

Average distance traveled

**Reasoning:** The more the <sup>more</sup> energy ~~was wrapped~~ stored. Therefore the more stored energy, the farther vehicle travels.  
(Newton's 2nd law)

times rubberband is wrapped around axle

## Integrate Teaching Strategy

Use the table with teaching strategies to consider a strategy to incorporate into your next lesson. Describe below the teaching strategy you will integrate into the lesson.

- Discuss the Framework
  - Have student Engage in Peer Critique
- ~~Peer review~~

(HW) Pull information from graphic organizer and write in ~~essay~~ Paragraph form.

## VOCABULARY

- Potential energy
- Kinetic energy