

Using Video Resources in the Classroom

Diane Riendeau

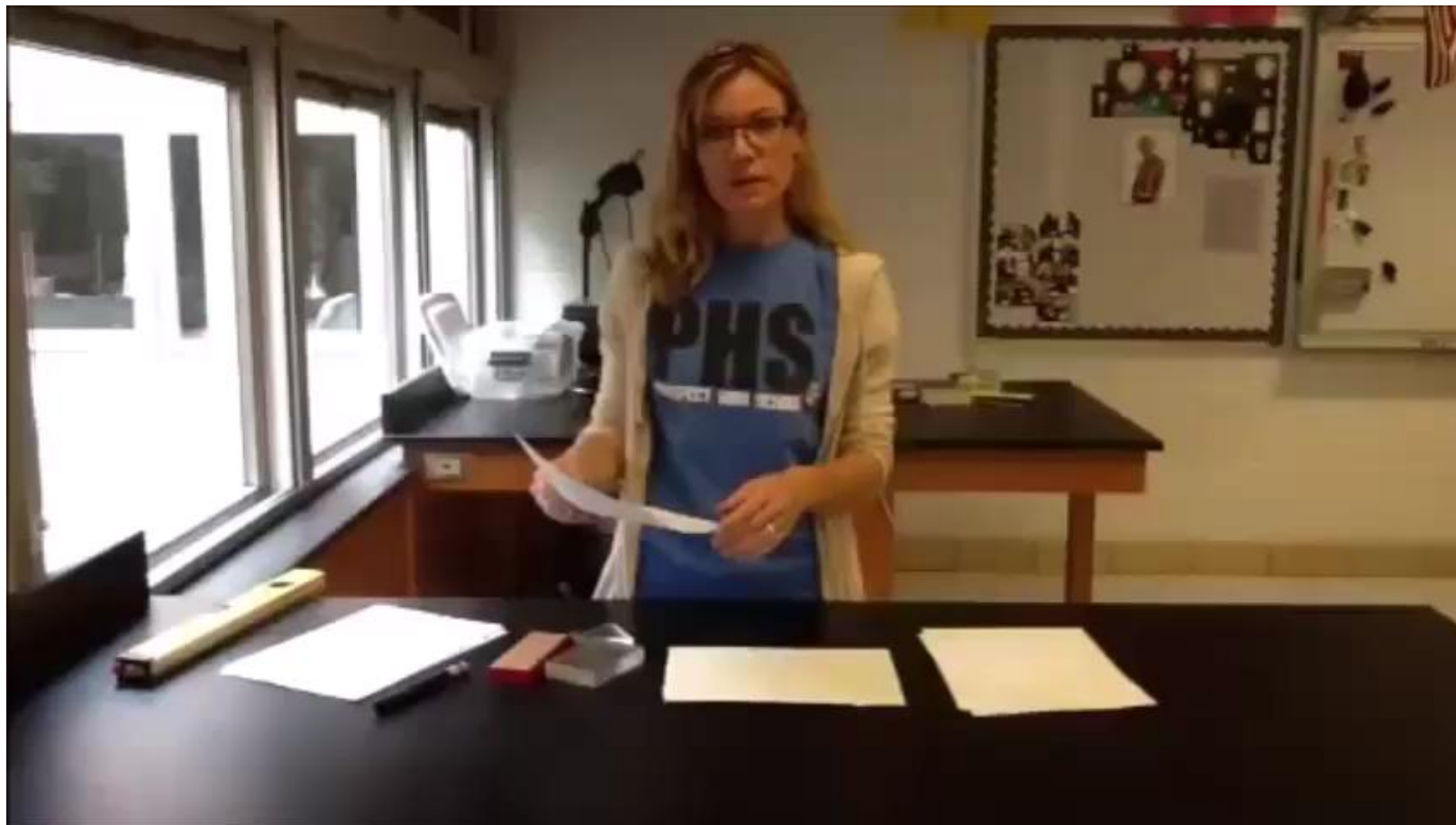
Deerfield HS

driendeau@dist113.org

Videos for Lab

- The PreLab Video
- Direct Measurement Videos
- Video Analysis

Thanks to Katie Page!



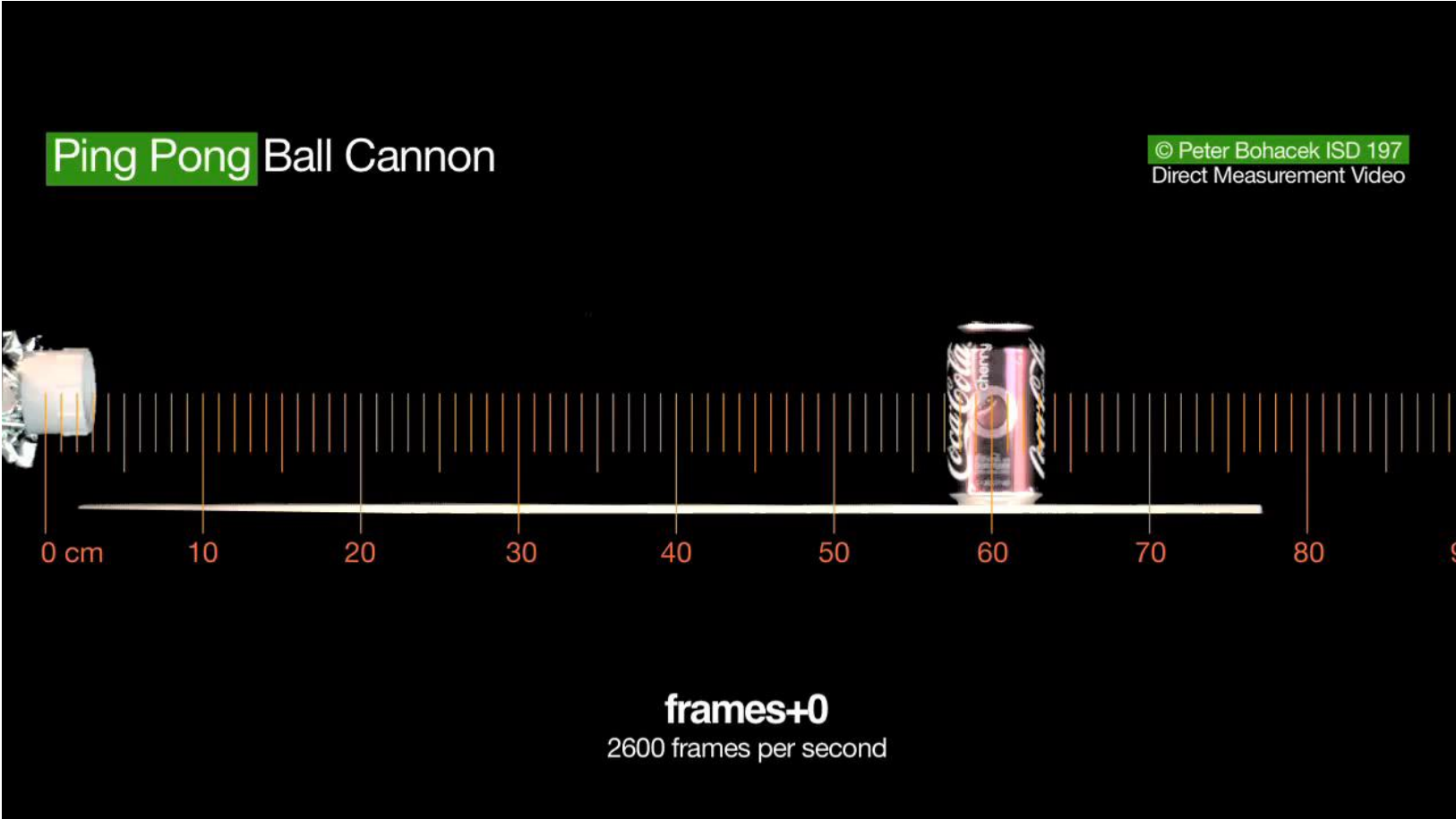
Thanks to Shannon Feineis



Lab Analysis Videos

- Direct Measurement Videos
- Peter Bohacek

Thanks to Peter Bohacek



- Direct Measurement and Linear Motion
- Ping Pong Ball Cannon
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- Watch this [video](#).
-
- Write a description of the motion of the ping pong ball from launch until it leaves the screen. Use words like velocity and acceleration.
- Draw a motion map for the ping pong ball. Your motion map and description should be the same motion.
- Do you think the ball travels at a constant speed for the entire time? Explain.
- Devise a way to analyze the video to prove/disprove your answer to #3. (There are tabs to get measurement devices. You can advance the video frame by frame using the arrow keys.)
 - Write your procedure here.
 - Show your data here.
 - Show your analysis here.
 - Write your conclusion here.
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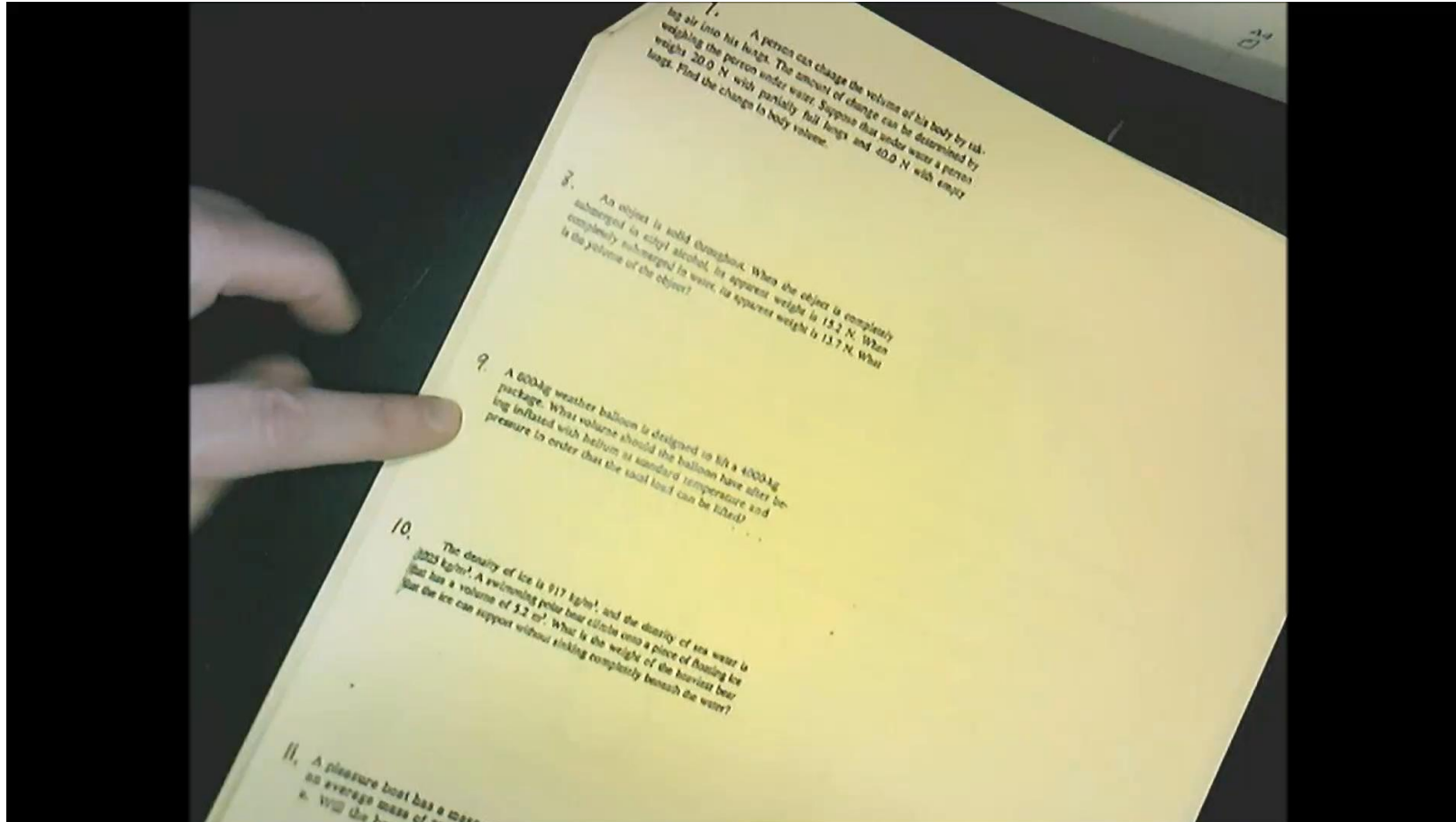
Analyzing Videos







Distance Tutoring



Distance Tutoring



Interactive Lecture Videos

- Thanks to Trevor Register for this first example

Interactive Lecture Video: Impulse

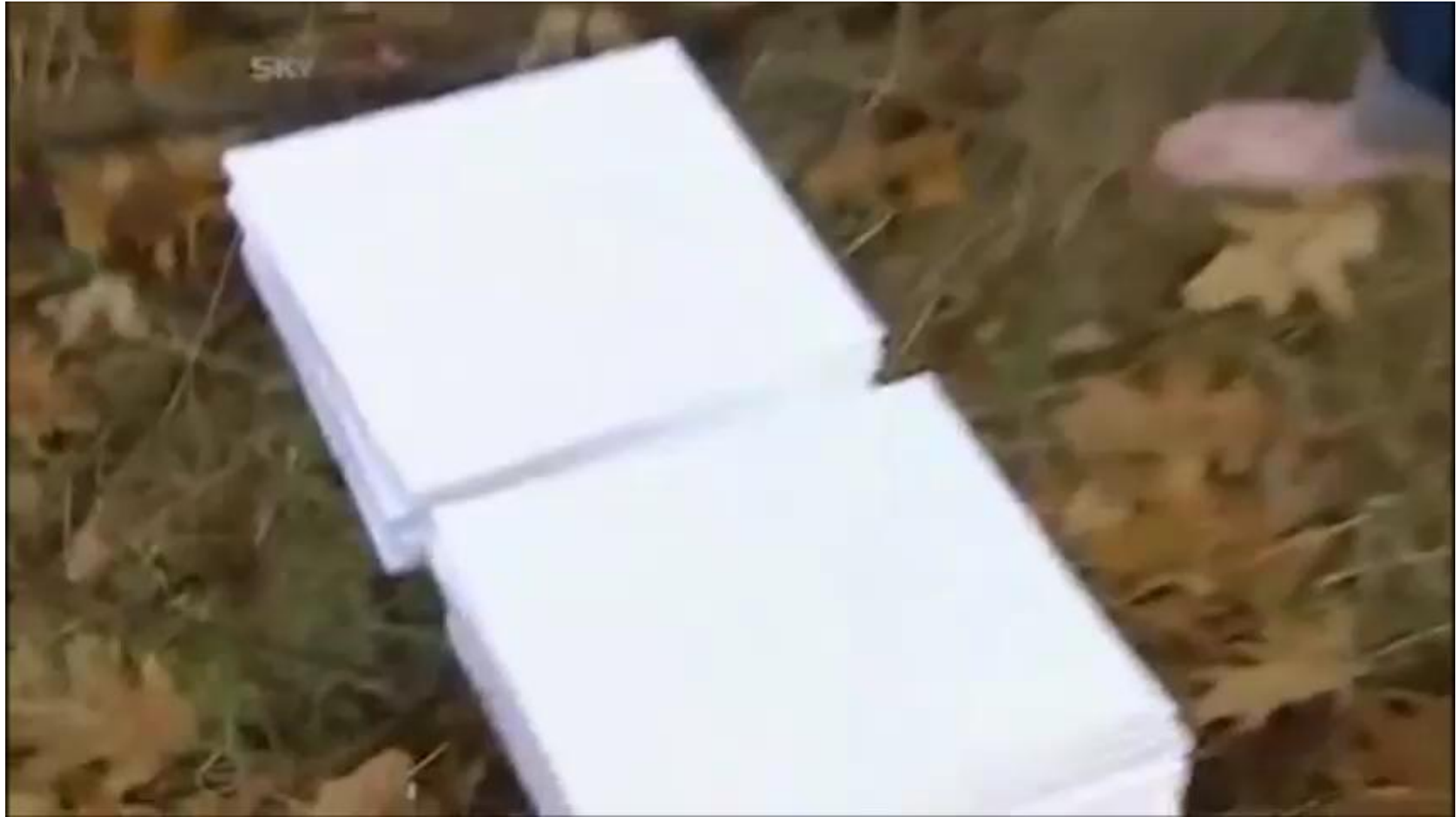






Interactive Lecture Video: Circuits













Some other Favorites: Bowling ball vs. Car



Wall of Death



Thank You!

- I fully acknowledge that I am merely standing on the shoulders of giants!

- Diane Riendeau, Deerfield HS
- driendeau@dist113.org