



Resources from SDPB



The Brain & the Sense of Smell (Touch, Hearing & Sight)

- ❖ [Shake & Slide](#)
- ❖ [5 Senses Video](#)
- ❖ [Discover Senses Lesson](#)
- ❖ [Additional Resources](#) (searchable)

Intro Demo/Challenge
1. [Object Identification](#)

Sense of Taste/Smell

- ❖ [Video: Sense of Taste](#) - PD
- ❖ [Video: 5 Senses](#)
- ❖ [What Is a Supertaster?](#) - PD
- ❖ [Additional resources](#) (searchable)



Intro Demo/Challenge
1. Sense of [Taste/Smell](#)

Tablecloth vs Inertia (Force/Weight/Friction): This is an awesome activity/lesson that demonstrates inertia (1st Law of Motion) and/or impulse. The classic and magical "pull the tablecloth from under the food demo."

- ❖ [YouTube/ Windows Media](#) (Flash - view in Explorer) - PD
- ❖ Lesson Plan: [PDF Version](#) - PD
- ❖ [Introduction Video](#) - Introduction video (Tommy Tablecloth)

Intro Demo/Challenge
1. [Table Cloth](#)

** Activity Starters ([Link](#))

- ❖ [Intermediate Directions](#)

** PBS LearningMedia: Universe ([Link](#))

- ❖ [Interactive](#)



Surface Tension and Pressure

- ❖ [Floating Paperclips Video](#)
 - [Floating Paperclips Activity](#)
- ❖ [Pennies in Water](#)
- ❖ [Additional Resources](#) (searchable)

Intro Demo/Challenge
Intro - Jar activity
Challenge - [Pennies in Water](#)



Stagecoach Travel: 1st Law of Motion

- ❖ [Newton's Laws of Motion Video](#)
- ❖ [Force and Motion Video](#)

Intro Demo/Activity
Intro - [SpillNot](#)
Challenge - [1st Law of Motion](#)



Native American Studies ([Link](#))

- ❖ [Buffalo Parts](#)
- ❖ [Winter Counts](#)

Volume/Capacity & Momentum

- ❖ [Related Video – CFS](#)
- ❖ [Odd Squad Video](#)
- ❖ [Volume Interactive](#)
- ❖ [3D Paint \(activity\)](#)

Intro Demo/Challenge
1. [Capacity](#)



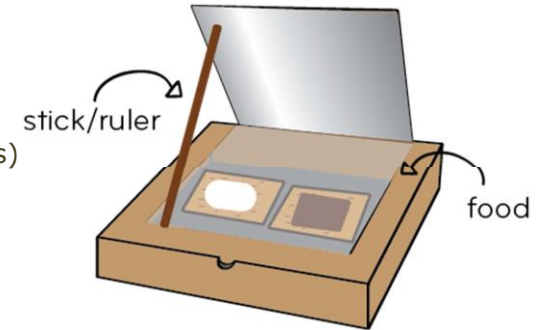
Intro Demo/Challenge
Intro - Fire Balloon
Challenge - [Coffee Cup](#)

Heat Transfer (coffee)

- ❖ [Keeping Ice Frozen Before Refrigeration](#) – Related Video
 - Heat be Gone: Skin as a Thermometer ([Teacher](#) / [Student](#))
- ❖ [Climate Video](#)

Cooking with the Sun

- ❖ [Going Solar](#) (Clip)
 - [Entire Program](#) (Click Season 9 "Going Solar" - 3 Parts)
 - [Lesson Plan](#)

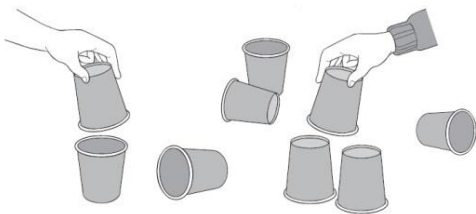


Support Me!

- ❖ [STEM Interactive – Build a Bot](#)
- ❖ [Related Activities](#)

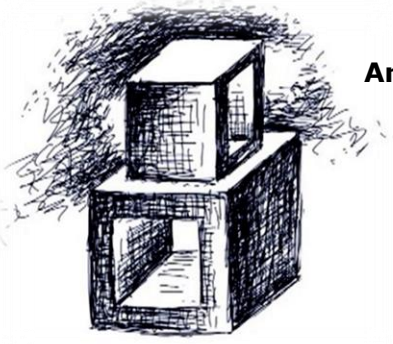
Intro Demo/Challenge
1. [Support](#)

Cup Tower: Curious George & Fetch (engineering)



- ❖ [Cup Towers with South Dakota Connection](#)
 - Ideas for build (follow directions)
 - Dodge Ball
 - Timed challenge (car, water balloon, Zooka)
 - Connect walls / Tallest Structure
- ❖ [Curious George Activities](#)

Challenge
1. [Cup-Fetch](#)
2. [Local](#)



Art Basics with Dick Terres: Drawing (NEW!)

- ❖ Site: <http://www.sdpb.org/art/>
 - ❖ Design it... Build it! - Environmental: Recycle
 - [SDPB's PBS LearningMedia](#) - Activity
 - [SDPB's PBS LearningMedia](#) - Additional Resources (select age, resource type, etc.)

Intro Demo/Challenge
1. [Habitat](#)

I-Spy - That's Not My Habitat

- ❖ [Habitat Sweat Habitat](#) - Related Video

Intro Demo/Challenge
Intro - [Bucket Video](#)
Intro - Oranges
Challenge - [Density Bowling](#)

Density Bowling

- ❖ <http://www.sdpb.sd.gov/oldschoolscience/> - PD

Wind Speed Study - For a Lifetime

- ❖ [SDPB's PBS LearningMedia](#) - Wind Gauge Activity
- ❖ [SDPB's PBS LearningMedia](#) - Measuring Wind Speed Video

Intro Demo/Challenge
Demo - [Air Zooka](#)
Challenge - [Wind Speed Study](#)

Kids' Quest: Making Change Really Counts (Money Math)



- [Main Page](#)
 1. Watch Online ([SDPB](#) / [PBS LM](#))
 2. Lesson I: [Change Relay](#)
 3. Lesson II: [How Much is That?](#)
 4. Handouts: [Worksheets and Interactives](#)
 5. Additional Resources ([Links](#))
- [On PBS LM](#)

Intro Demo/Challenge
1. [Change Relay](#)



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Contact Steven Rokusek for Additional Resources
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