



Resources from SDPB

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

- ❖ [Shake & Slide](#) - Find Activity (Search - Sound, Learning Centers, Indoors)
- ❖ [Related Lesson - Touch and Vision](#)
- ❖ [Discover Senses Lesson](#)
- ❖ [Touch Video: Whiskers](#)
- ❖ [Additional Resources](#) (searchable)
- ❖ [Smell Memories Lesson](#)

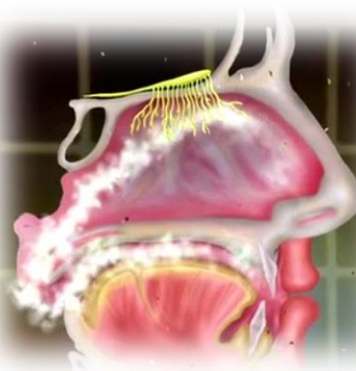
Intro Demo/Challenge

1. [Object Identification](#)



Sense of Taste/Smell

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



Intro Demo/Challenge

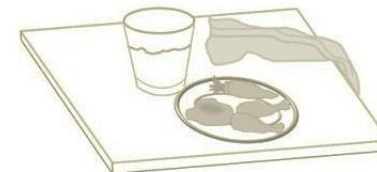
1. New ([Taste](#))
2. New ([Skittles](#))

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."

- ❖ [View in Windows Media \(YouTube\)](#)
- ❖ Lesson Plan: [PDF Version](#)
- ❖ [Introduction Video](#) - Tommy Tablecloth

Intro Demo/Challenge

1. [Table Cloth](#)



Surface Tension and Pressure

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

Intro Demo/Challenge

1. Jar activity
2. [Pennies in Water](#)

Stagecoach Travel: 1st Law of Motion

- ❖ [Images of the Past | Stagecoach Travel: 1st Law of Motion Activity](#)
- ❖ [Newton's Laws of Motion Video](#)
- ❖ [Force and Motion Video](#)

Intro Demo/Activity

1. [Activity](#)
2. [SpillNot](#)



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

Volume/Capacity & Momentum

- ❖ [Capacity \(volume\): Gallon, Quart and More](#) (Related Video - CFS)
- ❖ [Volume Interactive](#)
- ❖ [Odd Squad Video](#)
- ❖ [3D Paint](#)

Heat Transfer (coffee)

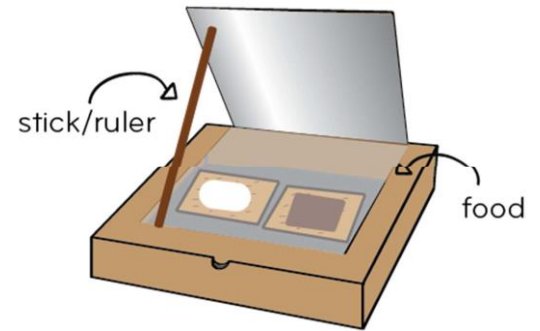
- ❖ [Coffee Cup Challenge](#)
- ❖ [Keeping Ice Frozen Before Refrigeration](#) – Related Video
 - Heat be Gone: Skin as a Thermometer ([Teacher](#) / [Student](#))
- ❖ [Climate Video](#)



Intro Demo/Challenge
1. Fire Balloon
2. [Coffee Cup](#)

Cooking with the Sun (Quick Overview)

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



Support Me! (Websites)

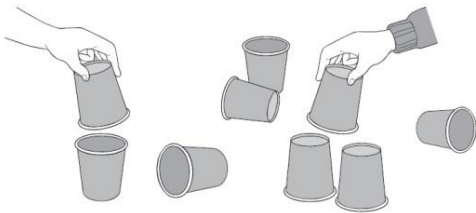
- ❖ [Lesson Plan](#) - Land Subsidence: Support (Earth Science)
- ❖ [STEM Interactive – Build a Bot](#)
- ❖ [Related Activities](#)

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)
 - Connect walls / Tallest Structure
- ❖ [Curious George Activities](#)

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



Art Basics with Dick Termes: Drawing (NEW!)

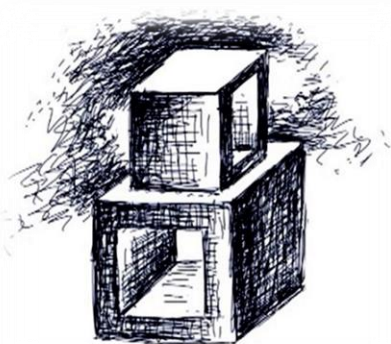
1. SDPB Website: <http://www.sdpb.org/Learn>
2. Art Website: <http://www.sdpb.org/Art>

- **Overview of System (micro/macro - structure)**
- Videos: Explain Options
(Flash Issue)

1. [Introduction](#)
2. [Sphere Basic](#) (12:30 - 14:30)
3. [Contour Line II](#) (2:01 - 5:50)

- Lessons (Preview)

1. [Surface Area: Lung](#)
 - Newsletter: IOTP ([Polio](#))
2. [Design/Build](#)
 - Newsletter: IOTP ([Elevation](#))
 - Newsletter: IOTP ([Battleship](#))
3. [The Colors We See](#)
 - a. [Eye Dissection](#)
4. [Geometric Forgery](#)
5. [Form Photo Activity](#)



I-Spy - That's Not My Habitat

- ❖ [SDPB's PBS LearningMedia](#) - Habitat/Observation Activity
 - [Habitat Sweet Habitat](#) - Related Video

Intro Demo/Challenge

- [Habitat](#)

Density Bowling

- ❖ [SDPB's PBS LearningMedia](#) - Density Activity
- ❖ <http://www.sdpb.sd.gov/oldschoolscience/> - Related Resources

Intro Demo/Challenge

1. [Density Bowling](#)
2. Bowling Balls
3. [Bucket](#) (Liquid Flax)
4. Oranges

Intro Demo/Challenge

1. [Wind Speed Study](#)
2. [Air Zooka](#)

Wind Speed Study - For a Lifetime

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

Activity Starters (New)

- ❖ [Cardinal Directions](#)
- ❖ [Map Borders](#)
- ❖ [Intermediate Directions](#)
- ❖ [Past, Present, and Future](#)
- ❖ Native American Studies: Boarding Schools, Reservations, Etc.

Into the Field

- ❖ [Chavin de Huantar "like" Art](#)
- ❖ [Archaeology: Field Bag](#)



Notes

Goals:

1. Newsletter/Interest
2. One Resource
3. Sleep/Facebook



Additional Resources



SDPB - <http://www.sdpb.org/learn/>

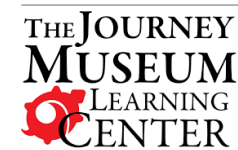
- [Newsletter Registration](#)
- PBS Parents
 - Development - <http://www.pbs.org/parents/child-development/>
 - Crafts/Activity - <http://www.pbs.org/parents/crafts-for-kids/>
 - Science - <http://www.pbs.org/parents/education/science/activities/>
- PBS KIDS - <http://pbskids.org/> (Daniel, Cat, SID, Etc.)
- Affies4Kids - <http://www.sdpb.org/affies4kids/>
- Search Engine - <http://sdpb.pbslearningmedia.org/>

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](#)



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Contact Steven Rokusek for Additional Resources
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Online Form – www.sdpb.org/scienceig