



# Resources from SDPB

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

- ❖ [Shake & Slide](#) - Find Activity (Search - Sound, Learning Centers, Indoors)
- ❖ [Object Identification](#)
- ❖ [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

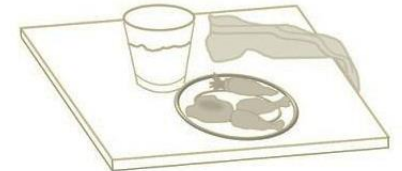
- ❖ [Video: Sense of Taste](#) (PD)
- ❖ [Video: 5 Senses](#)
- ❖ [What Is a Supertaster?](#) (PD)
- ❖ [Additional resources](#)

Intro Demo/Challenge  
1. Taste: No sight/smell ([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  
2. Jar activity  
3. [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)**

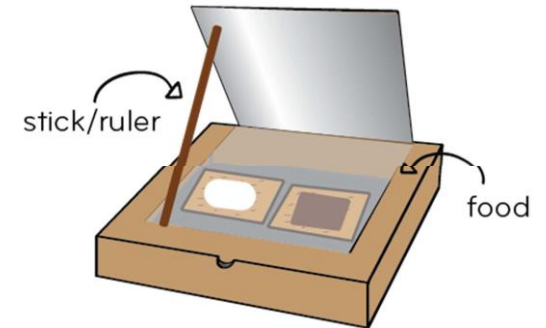
- ❖ [Coffee Cup Challenge](#)
- ❖ [Keeping Ice Frozen Before Refrigeration](#) – Related Video
  - Heat be Gone: Skin as a Thermometer ([Teacher](#) / [Student](#))
- ❖ [Climate Video](#)



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

**Cooking with the Sun** (Quick Overview)

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



**Support Me! (Websites)**

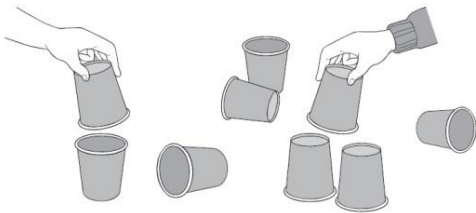
- ❖ [Lesson Plan](#) - Land Subsidence: Support (Earth Science)
- ❖ [STEM Interactive – Build a Bot](#)
- ❖ [Related Activities](#)

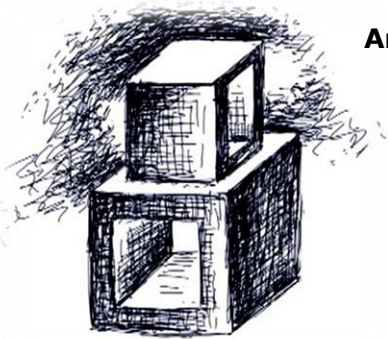
Intro Demo/Challenge  
1. [Support](#)

**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 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

- [Habitat](#)

## I-Spy - That's Not My Habitat

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

## 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

## 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

### Intro Demo/Challenge

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

## Notes

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### 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)

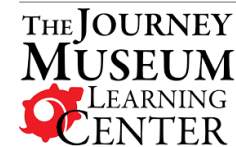
- [Main Page](#)
  1. Watch Online ([SDPB](#) / [PBS LM](#))
  2. Lesson I: [Change Relay](#)
  3. Lesson II: [How Much is That?](#)
  4. Handouts: [Worksheets and Interactives](#)
  5. Additional Resources ([Links](#))
- [On PBS LM](#)



## Sesame Street

- Let's Find Out - <http://www.sesamestreet.org/parents/topicsandactivities/topics/science#>
  - Activity Idea - <http://www.sesamestreet.org/parents/topicsandactivities/crafts/animal>
  - Interactive - <http://www.sesamestreet.org/games?uuid=6b31ef26-f792-4b52-96fd-174fa2265524>

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Contact Steven Rokusek for Additional Resources  
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Online Form – [www.sdpb.org/scienceiq](http://www.sdpb.org/scienceiq)