

## Season 2, Episode 11: Mismatched Shoe (or Sock!) Day



**The WNET Group** | Media Made Possible by All of You

Join head counselor Zach wearing shoes (or socks!) that don't match! Ride the rounding roller coaster, make a treasure chest, meet tortoises & squirrels. Content partners include Carnegie Hall, Koo Koo Kangaroo, Liberty Science Center, Memphis Zoo, NJ DOE, New Victory Theater, NY Public Library, San Antonio Zoo, Sketch with Jeff at the Guggenheim Museum, Story Pirates, The Metropolitan Museum of Art.

### Activity Guide

Treasure Chest .....	1-2
Moving Molecules .....	3
Origami Samurai Hat .....	4-6

### ***PARTICIPATE!***

How many pairs of shoes do you have in your home? Count them all then mix them up and see how many different mismatched pairs you can make!

**Camp TV** is a production of The WNET Group.

Major funding for **Camp TV** is provided by the Corporation for Public Broadcasting. Additional funding is provided by The Peter G. Peterson and Joan Ganz Cooney Fund and the Pine Tree Foundation of New Y





## Treasure Chest

### Materials List:

- shoebox with an attached lid
- paper fasteners
- black paint
- paintbrush
- foil paper
- glue
- scissors

**\*This activity should be done with the help of a trusted adult\***

### Instructions:

**1. First, pain the outside of the shoe box black. Let dry.**



**2. Cut strips of foil and glue them onto the box.**



**3. With the help of an adult, use scissors to poke holes along the sides of the box and put some of the fasteners in.**



**4. Add whatever else you would like to decorate your box. Now your treasure chest is ready to hold all of your valuables!**





## Moving Molecules

### Materials List:

- 2 different colors of food coloring
- 2 clear cups
- hot water – *about 122 °F*
- cold water

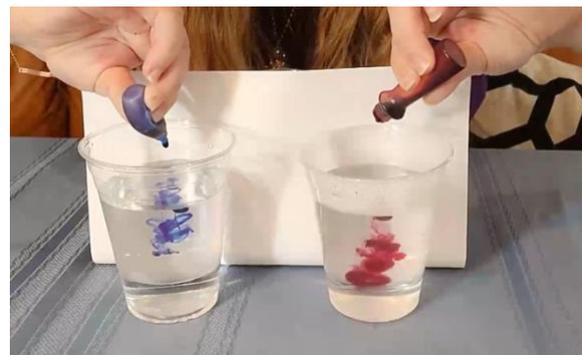
**\*This activity should be done with the help of a trusted adult\***

### Instructions:

**1. Fill one cup with cold water and the other with hot water. Be sure that both cups are filled with an equal amount of water. *\*Ask an adult for help when working with hot water. Do not pour hot water into plastic cups or drink it.\****



**2. Add a few drops of food coloring to each of the cups. You may want to put a white sheet of paper behind the cups so that you can better observe what happens**



**3. Observe how the colors move in each cup. Is there any difference in the way the food coloring moves in the hot water verses the cold water?**

Activity courtesy of Liberty Science Center

<https://www.camptv.org>



# Origami Samurai Hat

## Materials List:

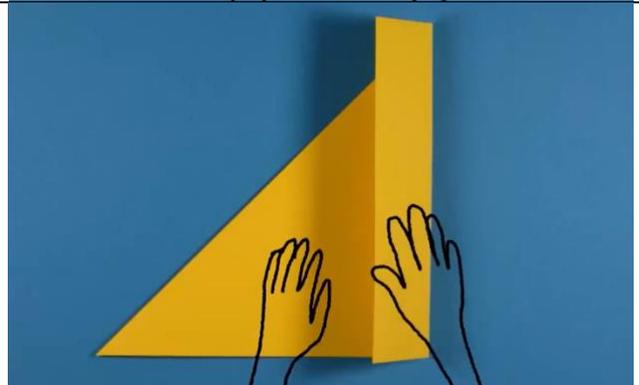
- Large sheet of paper - *try recycled newspaper or wrapping paper*

## Preparing the Paper:

**1. Lay paper flat, folding one corner up against the opposite edge to form a double-layered triangle and a remaining rectangle.**

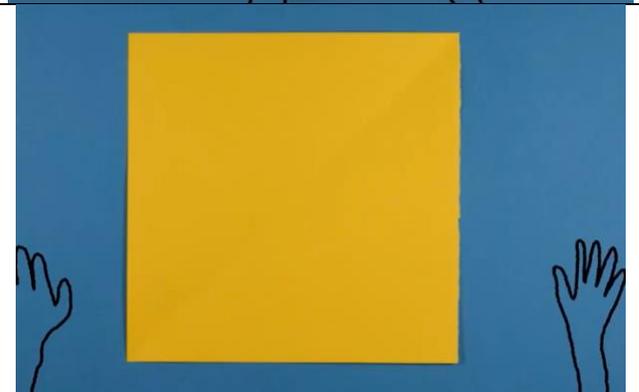


**2. Fold the remaining rectangle over the triangle.**



**3. Repeat this fold over the triangle a few times to create a crease.**

**4. Lay paper flat and tear along the crease to remove the remaining rectangle.**



**5. Open the triangle to a square with equal sides about 20 inches (50.8 cm) long.**

## **Origami Folding Technique:**

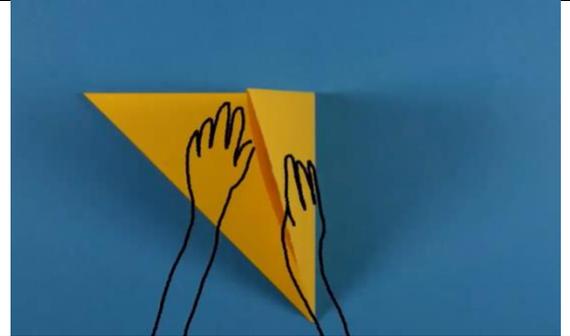
**1. Rotate the paper so you're working with a diamond shape.**

**2. Fold the diamond in half, top to bottom, into a triangle.**

**3. Then fold the triangle in half to create a crease.**



**4. Fold in half, side to side, and open.**



**5. Fold the outer corners down to meet the center crease.**



**6. Now fold the top layer corners upwards in half.**



**7. Fold flaps outwards.**



**8. Now fold the top layer below upwards into a small triangle covering the bottom of the horns.**



**9. Then fold the triangle again to make the bottom band of the helmet.**



**10. Fold the remaining single-layered triangle below up to the top to create a crease, and then open.**



**11. Tuck that triangle inside the helmet. Puff it up and try it on!**



Activity courtesy of The Metropolitan Museum of Art - #MetKids

<https://www.metmuseum.org/art/online-features/metkids/videos/Fold-an-Origami-Samurai-Helmet>

<https://www.camptv.org>