

## **Happy week 12 of online distance learning student/families**

Welcome to the second week of “ Transformation” unit. In this Unit, children conclude the year by investigating how things change over time. It is an opportunity to apply knowledge and skills children learned in previous units, and to help children prepare for upcoming transitions. In week two, there are opportunities to investigate how objects change and why. Building on skills they learned in Unit 7: Water, children will explore changes in state (e.g. water to ice) as well as repurposing, reusing and recycling materials.

**\*Parents if you can, please take pictures of your child's completed work/activity and sent it to Google Classroom or email us!**

All families can visit the nearest DOE District School to pick up grab-and-go breakfast starting at 7:30 AM and lunch starting at 11:30AM. Families can find the nearest District School by visiting <https://www.nycenet.edu/schoolsearch> or calling 311.

### **Unit Title: Transformation**

**Essential Question: What is transformation and how do things change?**

**Focus Question: How can objects change?**

**Monday June 8, 2020**

**Letters of the day: A and B (please review)**

**Vocabulary words of the day: after, bigger, camouflage, combine, continue, darker, develop**

Book of the Week:

**ebook/youtube story of the week: *Joseph Had a Little Overcoat***

*by Simms Taback*

**Youtube link to story: <https://www.youtube.com/watch?v=HYT4OUgDflw>**

\* Parents review with your child what an author is and what an illustrator is.

-Author writes the story, illustrator draws & paints the pictures in the story.

After reading the story, here are some questions to consider with your child:

1. How did Joseph change or reuse his overcoat?
2. What are some of the things Joseph made from his overcoat?
3. What did Joseph do when he lost his button?

\*Please write down what your child's response and send.

### **Art Activity:**

Weather Art: Gather materials that your child can use to represent a variety of weather such as yellow poms for the Sun, blue pipettes for the rain, cotton balls for clouds, etc. On a large piece of paper or multiple sheets ask your child to create different type of weather on each section. Here are some ideas below.





### **Gross motor Activity:**

Children should exercise in a fun and interactive way everyday. Click the youtube link and you and your child can both engage in a singing and movement activity that both will enjoy.

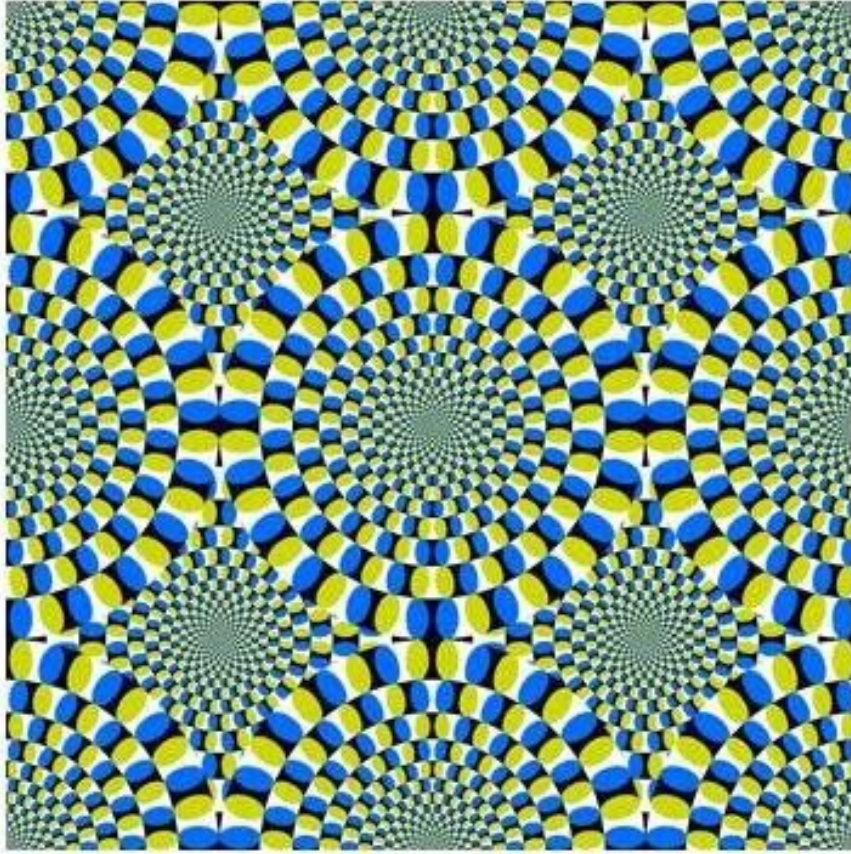
**Youtube Link:** <https://www.youtube.com/watch?v=Fv1UTnSsRPM>  
<https://www.youtube.com/watch?v=DP9jd1Ug2y4>

### **Science Activity:**

Optical Illusions: What is an Optical Illusion?

Optical Illusions can use color, light and patterns to create images that can be deceptive or misleading to our brains. The information gathered by the eye is processed by the brain, creating a perception that in reality, does not match the true image. Perception refers to the interpretation of what we take in through our eyes. Optical illusions occur because our brain is trying to interpret what we see and make sense of the world around us. Optical illusions simply trick our brains into seeing things which may or may not be real.

**Moire : Look at the picture for 5 seconds. Are the pinwheels moving?**



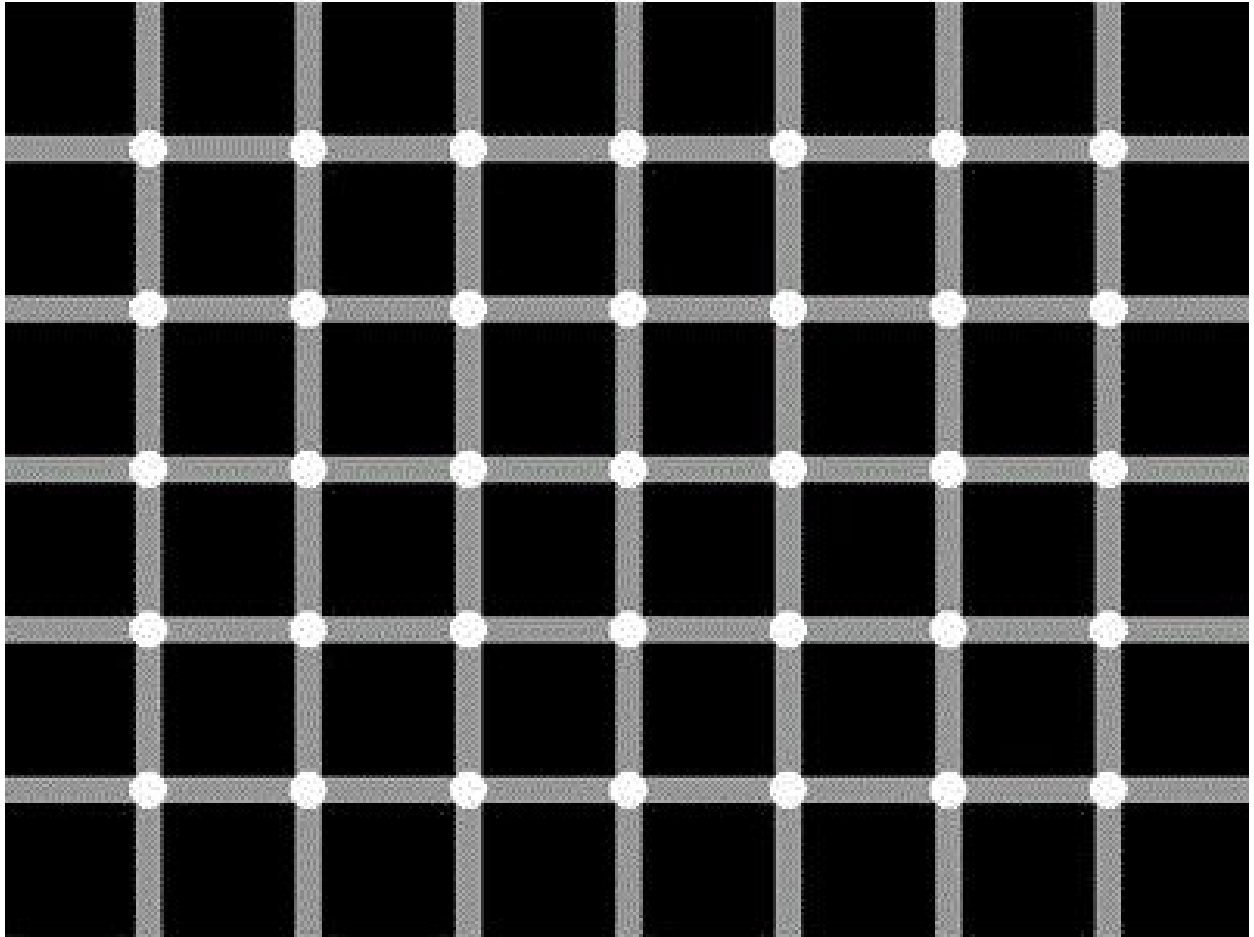
Answer: No, the wheels are not turning. The **Moiré** effect can produce interesting and beautiful geometric patterns.

**Light Bulb:** Stare closely at this light bulb for 20 seconds. Then immediately stare at a white wall or sheet of paper. What do you see?



Answer: You should see a glowing light bulb!

## Hermann Grid Illusion: Count all the black dots you can see



Answer: There are no black dots. If you focus directly on each dot, you'll see that all of them are white.

**Pretty Cool!!!**

**Math Activity:** look at the number on the left and match it on the right. If you can not print, please have your child practice writing the number by copying what is on the worksheet.

Name: \_\_\_\_\_

Math

# Number Match

Directions : Look at the number on the left and draw a line to the matching number on the right.

1

4

4

3

8

1

3

10

10

8

Writing activity: Look at the letter on the left in the first column of each row. Circle the same letter in the second column. If you can not print, please have your child practice writing the letters by copying what is on the worksheet.

Name: \_\_\_\_\_ Language Arts

## Find the Letter

Directions : Look at the letter in the first column of each row.  
Circle or dab that letter in the second column.

E	H	E	U	E	E
B	B	K	B	D	B
A	M	A	A	C	A
D	O	D	B	D	D
C	P	C	C	Q	E