

The logo for MTG (Museum of Teapohi) is located in the top left corner. It consists of the lowercase letters 'mtg' in a white, sans-serif font on a black rectangular background.

Hawke's Bay  
Tai Ahuriri

# OPTICAL ILLUSIONS

THAT TRICK YOUR BRAIN.....

# OPTICAL ILLUSIONS LESSON

- This lesson plan can be used to introduce students to optical illusions. Students will discuss optical illusions, and make their own illusions based on what they have learned.

## Learning Objectives

After this lesson, students will be able to:

- Define the term optical illusion.
- Describe different types of optical illusions.
- Create their own optical illusion.

## Links to NZ Curriculum

- English.
- the arts.
- mathematics and statistics.
- science.
- technology.

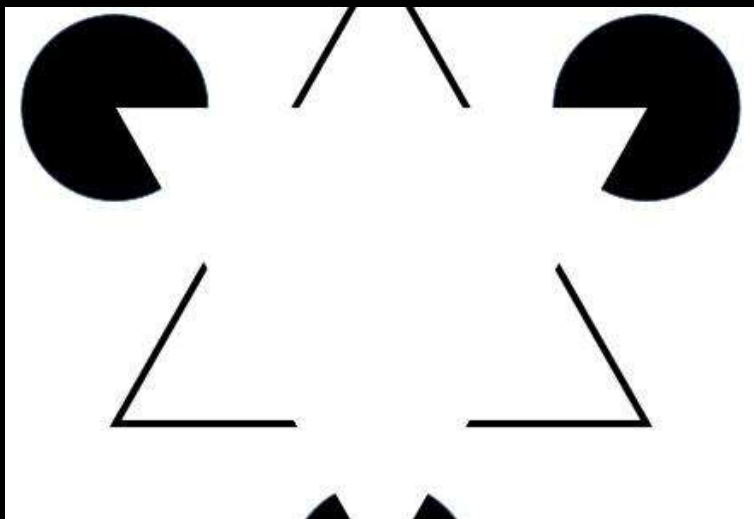
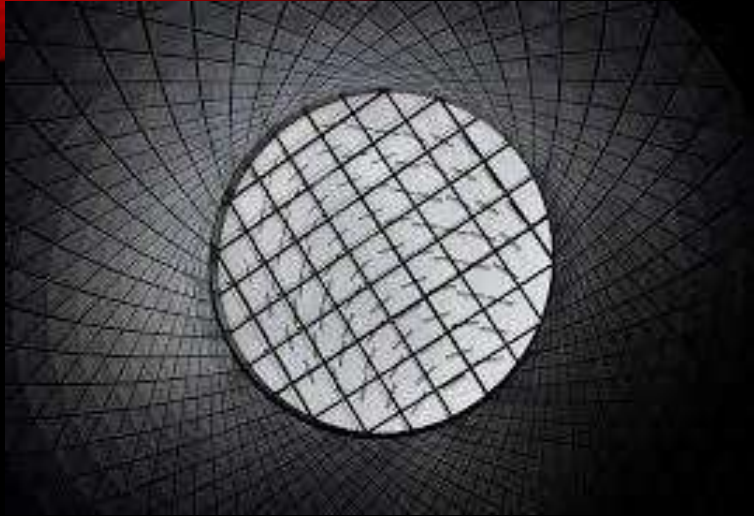


# WHAT CAUSES OPTICAL ILLUSIONS?

- An **optical illusion** occurs when the way you see something is different from what the object really is.
- **Optical illusions** occur when there is an error in how the brain interprets what the eyes are seeing.



# HOW DOES AN OPTICAL ILLUSION TRICK YOUR EYES?



- Most **optical illusions** take advantage **of** how **our eyes** and brain process visual information to **trick** us into seeing, or not seeing, certain patterns or images. ...
- **Illusions** take advantage **of** this by having you close an **eye** and look at an object, which makes something else, located in **your** blind spot, disappear.

# MAKE YOUR OWN OPTICAL ILLUSION

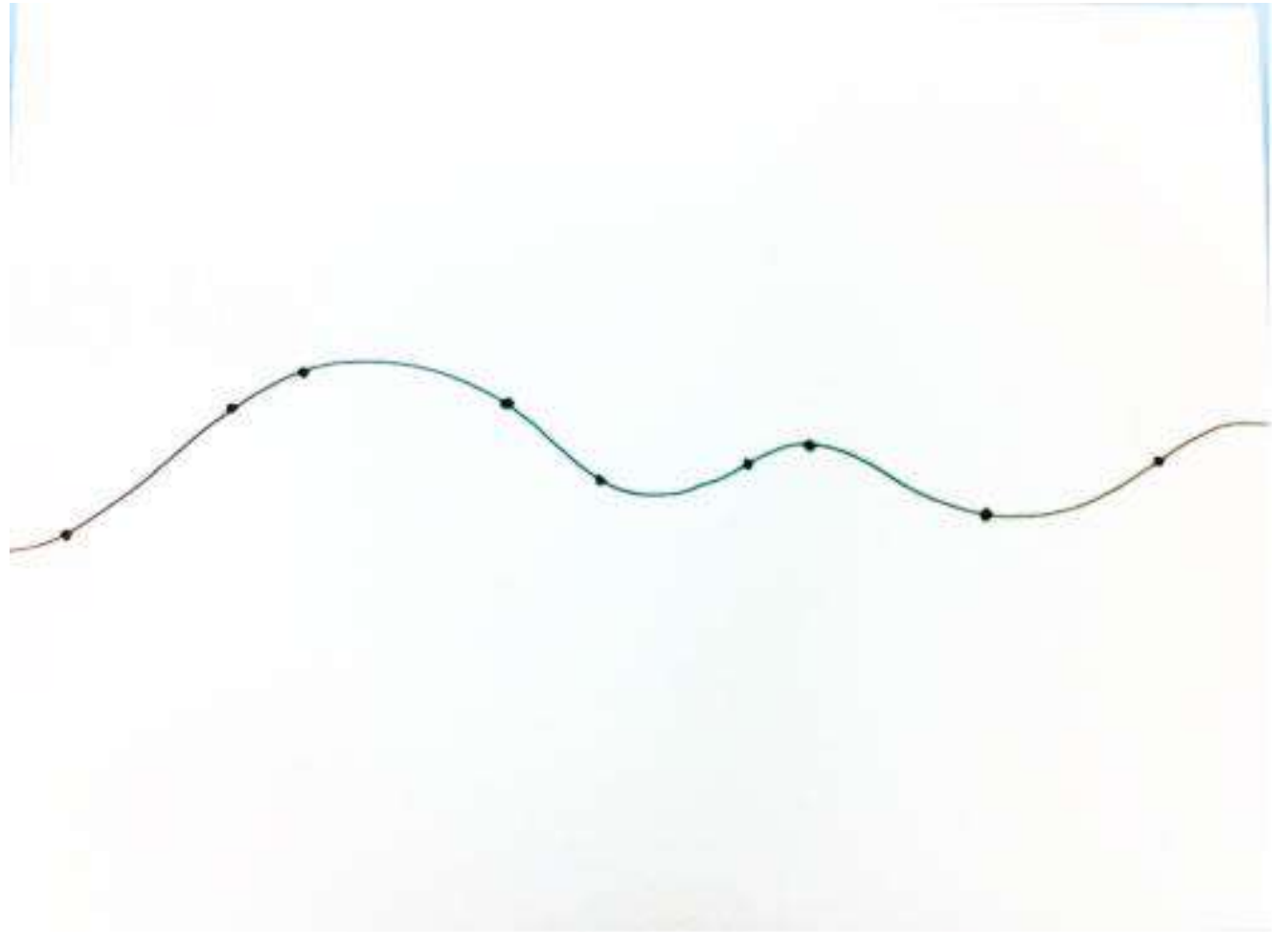
When something plays tricks on your eyes it is called an Optical Illusion. Op Art is artwork that plays tricks on our eyes.

- What You Need:
- 9"x12" white paper
- Sharpie markers
- pencil crayons



- Start by drawing a curved line across the paper with a Sharpie marker. Think rolling hill... not roller coaster!

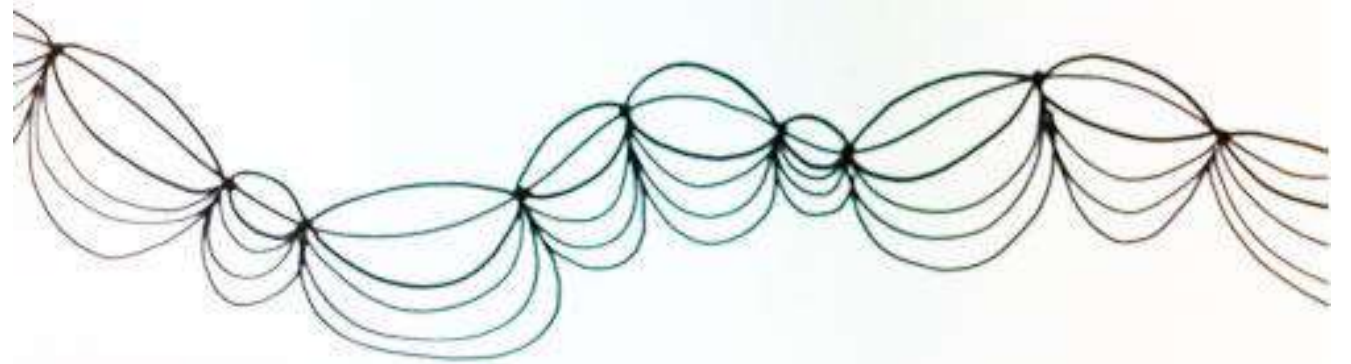
- Add 8 dots across the line.
- They should be different lengths apart.
- You need a dot close to the edges of your paper.



- Start connecting the dots with bumps.
- The lines from the dots close to the edge will go off the edge of the paper to an imaginary dot.

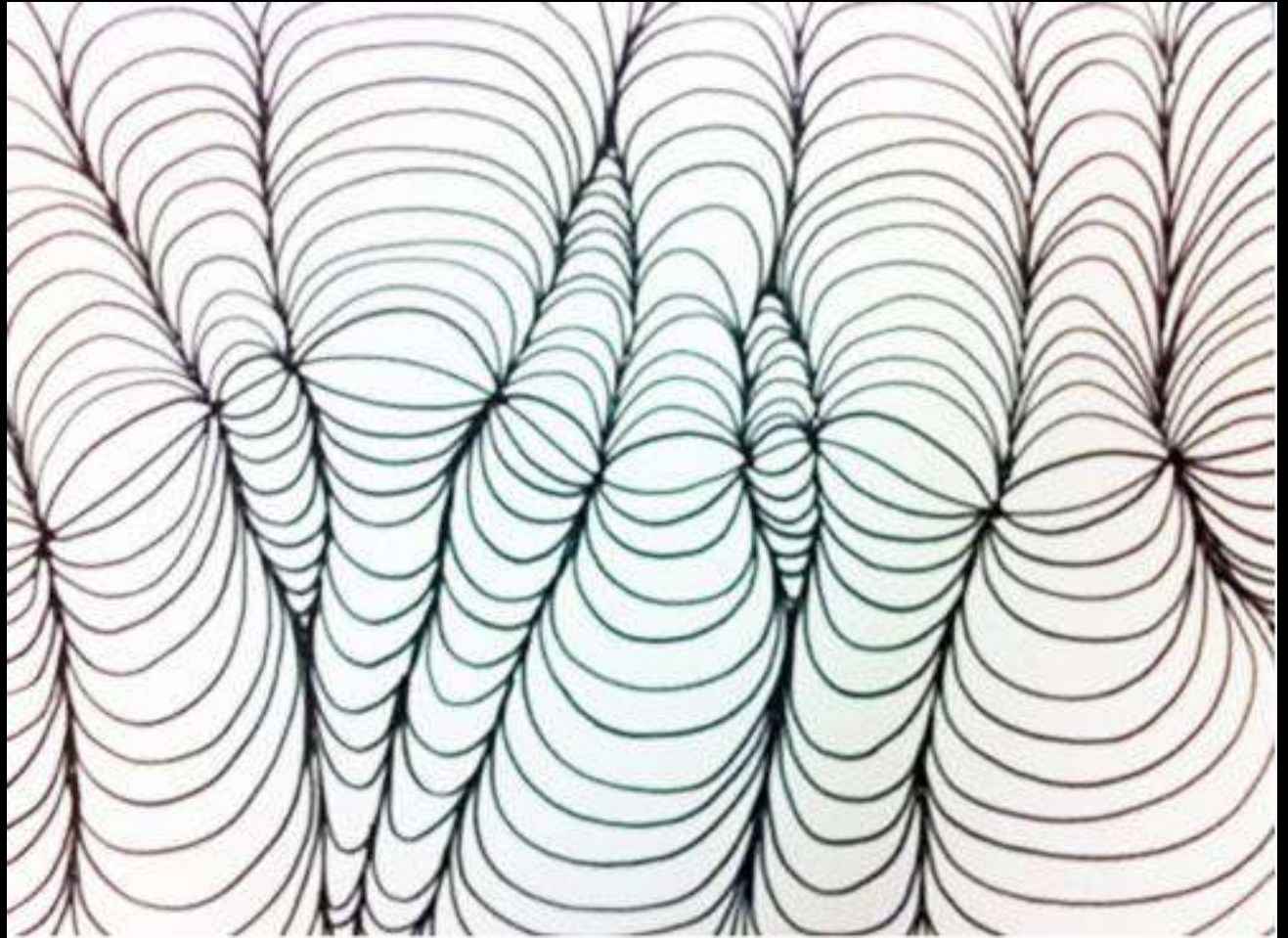


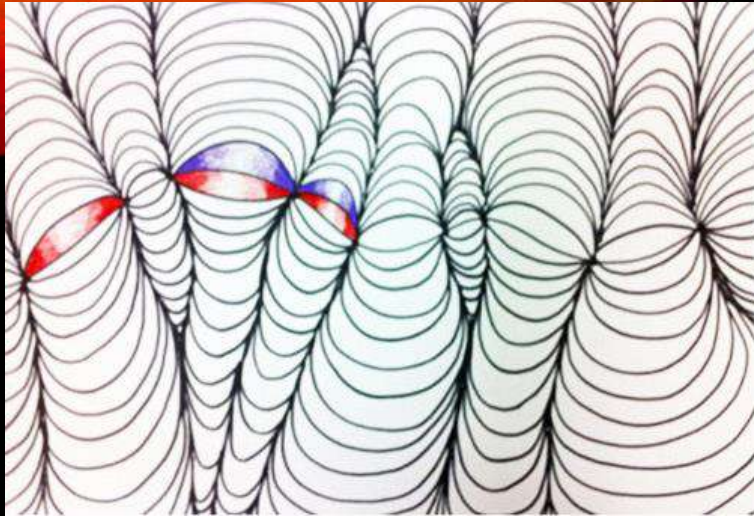
- THE LINES WILL EVENTUALLY GO OFF THE TOP AND BOTTOM OF THE PAPER .



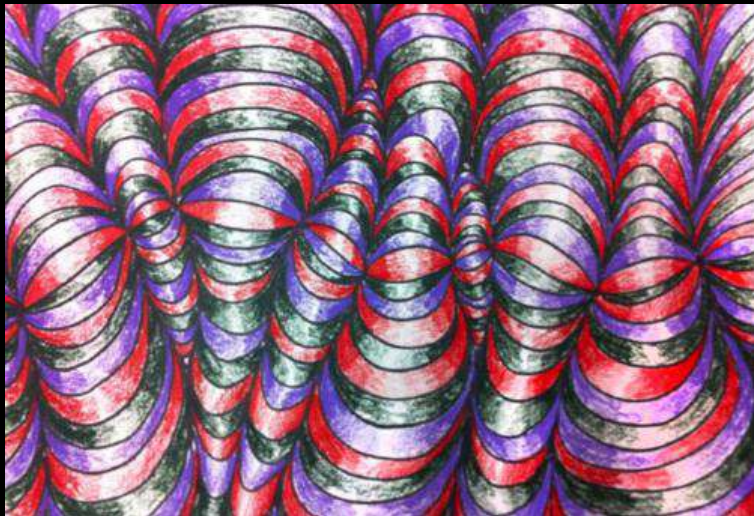


- FILL THE WHOLE PAGE UP





- Pick a group of colors you feel work well together (2 or 3).



- Using pencils or crayons, fill in the spaces. Press harder in the corners. As you get near the top of each bump, press lighter and lighter. Woohoo! You have created your own optical illusion!



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THANKS FOR  
WATCHING