EH

4

9. Hologram

Topic: Visuals and projection

Objective: Students will learn to make a structure that can project visuals.

Vocabulary: project, visuals, structure

Materials:
- A ruler
- A marker
- Cold silicone
- An old CD cover
- Some cardboard
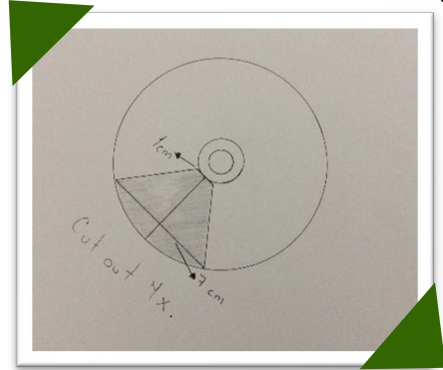
Development:

- **Read and look at the pictures.**

Step 1. Get the cover of an old CD and get it cleaned.

Step 2. Draw the template on the CD cover and cut the shaded part– you will need four pieces.

Step 3. Use some small pieces of cardboard and silicone to join the four pieces.

Step 4. Use some more silicone – add some in some resistance points.

Step 5. Set the structure on a cellphone and project different visuals.
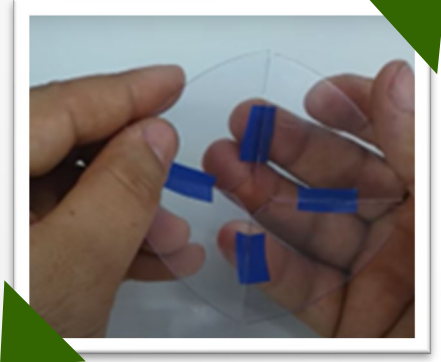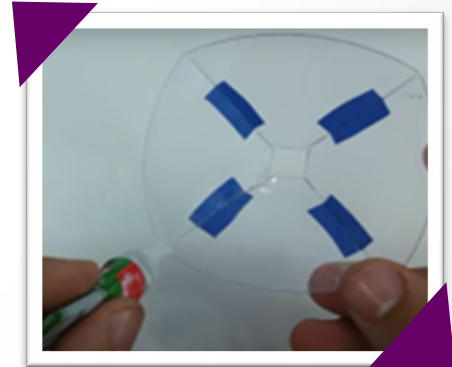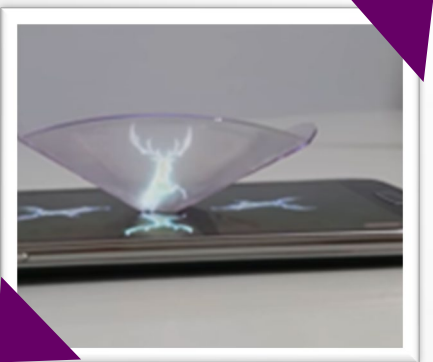
Step 1.

Step 2.

Step 3.

Step 4.

Step 5.

Tell us…

Read and write YES or NO.

1. Everybody used cold silicon.   _____
2. You made a hovercraft.   _____
3. The experiment worked.   _____
4. You played in teams.   _____
5. A big box was needed for this experiment.   _____

Glue a picture of your project finished!

Hologram

Glue your
picture here
:)

1. What was your favourite part of the project? _____.

2. What, exactly, did you like the most?
_____.

3. Extra notes on what you observed during the project. _____
_____
_____.

4. Can you see or apply the information from the project in real life? YES / NO
Explain: _____
_____.

5. Was it easy to get the materials for the project? YES / NO
Explain: _____
_____.