# Phenakitiscope

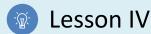




Module II







## Activity

- **Short Description**: In groups, make a homemade phenakitiscope to understand how continuous movement generates the sensation of animation.
- Methodology: Inductive Learning.
- Duration: 6h
- Difficulty (high medium low): hard
- Individual / Team: team
- Classroom / House: Classroom/house
- What do we need to do this activity?
  - Hardware: noneSoftware: none
  - Other resources: A disk, pencils, paper, device to rotate (it can be a stick and a disk)







### Description

- **Text description**: Make a homemade phenakitiscope
- Illustration: https://www.youtube.com/watch?v=2rzwdRqsuVM&ab\_channel=Howcast

#### Instructions

- 1. Come up with the idea for an animation.
- 2. Make illustrations with short movements so that the circular movement generates the sensation of animation.
- 3. Position it on the disk to rotate it.
- 4. Share the animation with colleagues.

#### **Expected outcomes**

- Understand how movement speaks more about objects than the objects themselves.
- Understand how circular movement generates less retinal resistance to generate movements
- Understand animation cycles as perpetual animations.

This activity can be used in other (module, course, topic, lesson):

• Module, Course, Topic, Lesson

**DIGICOMP (Competences developed): 2.3** Engaging in citizenship through digital technologies

**ENTRECOMP (Competences developed): 1.2** Creativity; **3.4** Working with others

Example (when necessary):

https://www.youtube.com/watch?v=VLVFohmUYMM&ab\_channel=KazuhiroGoshima





