

Phenakitiscopes



Module II



Course
Animation



Topic
History and
legacy of
animation



Lesson IV

Activity

- **Short Description:** In groups, make a homemade phenakitiscopes 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:** none
 - **Software:** none
 - **Other resources:** A disk, pencils, paper, device to rotate (it can be a stick and a disk)



Description

- **Text description:** Make a homemade phenakitiscopes
- **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

