



# What is Stop Motion Animation?

- Inanimate object
- Take photo
- Change object location (a little)
- Take photo
- Continue taking incremental photos
- Sequence photos in succession
- Object appears to move



# AGENDA

## FTMS: a 4-step constructionist method

- 1. Follow: direct instruction** · step-by-step procedures or introductory projects guided by a mentor and supported by basic information to create the ‘platform’ on which later steps build;
- 2. Tinker: guided practice** · exploration, testing, and analysis to refine understanding generated in the ‘follow’ phase, involving modification of *existing* features and elements rather than new creation;
- 3. Make: independent practice / performance assessment** · learners develop and demonstrate skills by building, exploring, inventing, and problem-solving, creating *new* projects to illustrate capability;
- 4. Share: critical engagement / authentic & critical 360° assessment** · practice of ‘fusion skills’ via comparison, coordination, collaboration, and competition which builds social and intellectual skills.

# Follow step by step guided procedures

- Tools – ring light /arm, phone, app
- Materials –
  - Paper
  - Lego
  - Whiteboard
  - Clay
- Basic "How-to"



# Tinker

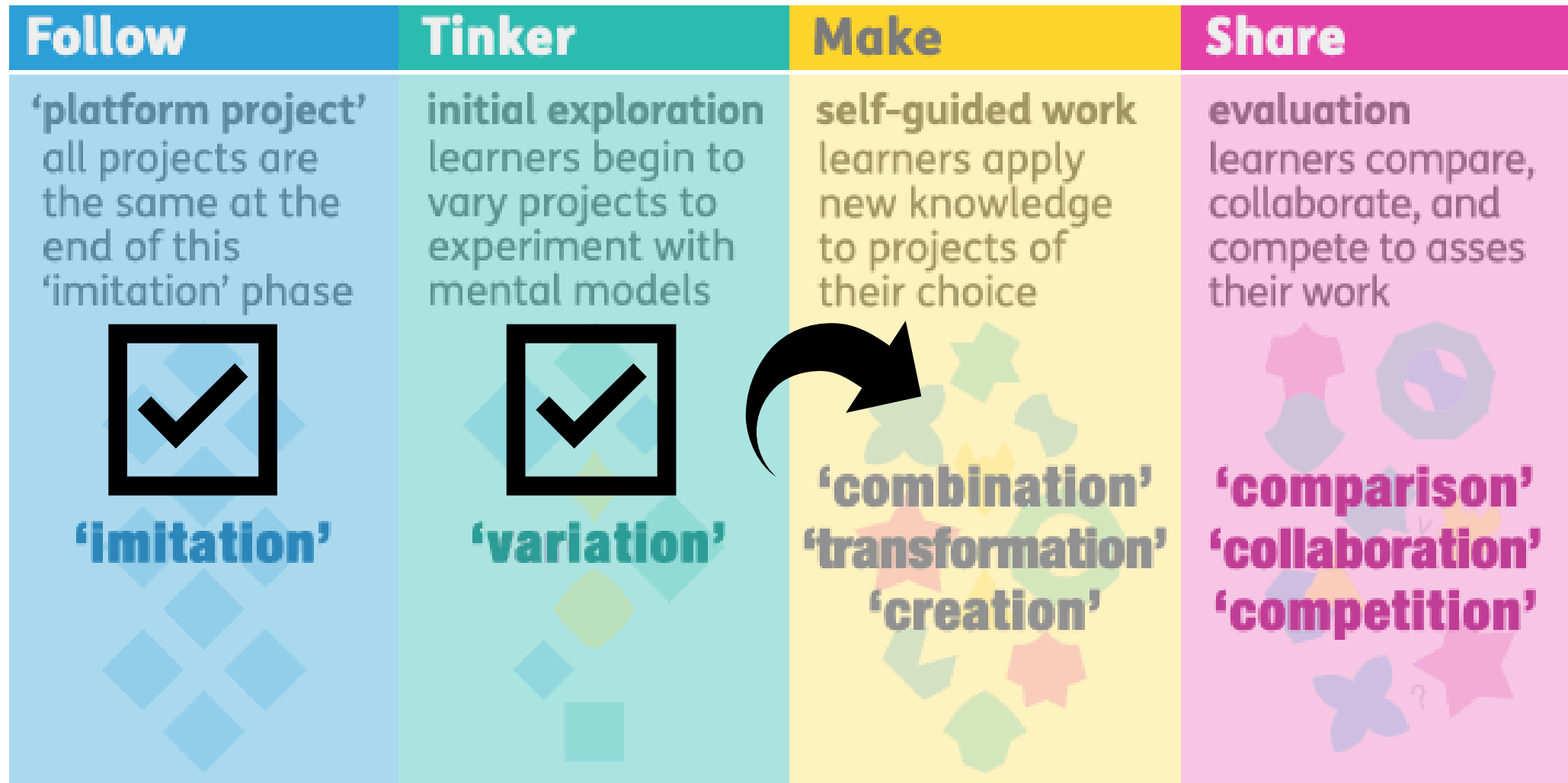
– explore, test, refine understanding  
modify an element from the “follow” phase

- Examples
- Explore Props, objects
- 10 minutes



**CREATE THE ILLUSION OF MOVEMENT**

## FTMS: a 4-step constructionist method

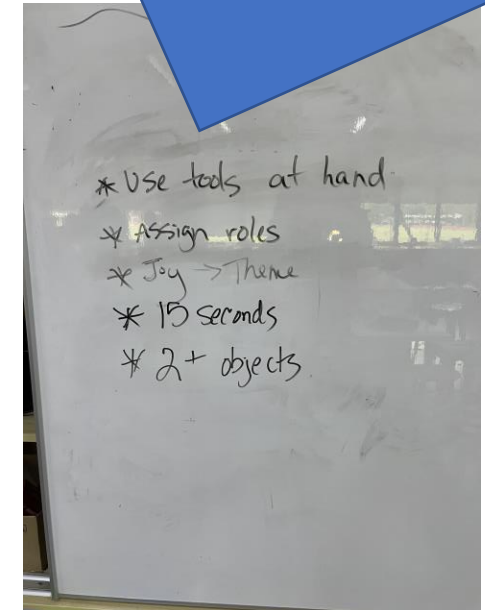


# Make

– independent practice, invent and problem-solve to create new projects, performance assessment

- Establish criteria together
  - What are the expectations of the community?
  - Communicate goals
  - Set expectations
  - What should we expect from
    - The product
    - The experience
    - The process

This is the criteria we agreed upon before they entered the "Make" phase



## CREATE THE ILLUSION OF MOVEMENT

**Make** – independent practice, invent and problem-solve to create new projects, performance assessment

- Handy Items
  - Wire
  - Clay
  - Wadding
  - Tape
  - Blue tack
  - Aluminum foil

**CREATE THE ILLUSION OF MOVEMENT**



**Share** – critical engagement where  
students build social and intellectual skills

- Authentic audience
  - Collaborate
  - Compare
  - compete

# Resources

- <https://drydenart.weebly.com/fugleblog/stop-motion-animation-challenge-526>
- <https://www.oca.ac.uk/weareoca/creative-challenges/oca-creative-challenges-introduction-to-stop-motion-animation/>
- <https://www.commonsense.org/education/lesson-plans/stop-motion-animation>
- <https://www.instructables.com/Make-A-Stop-Motion-Animation-For-Beginners/>