



AFK ArtReach Video: Made Up Machines

Activity:

Design your own Made Up Machine inspired by the art of Canadian artist **Gordon Smith** and American cartoonist **Rube Goldberg**. In this video an AFK art teacher shares ideas for drawing from observation and using an image transfer technique to create a playful **drawing of an original machine**. This activity connects to learning in **Arts Education** as well as **Applied Design, Skills, and Technologies**.

Inquiry Questions:

How can we combine drawings of shapes, lines, and objects to design our own made up machines?

Big Ideas:

Artists experiment in a variety of ways to discover new possibilities and perspectives. **(Arts Education)**
Works of art influence and are influenced by the world around us. **(Arts Education)**

Pre-Class Preparation:

The teacher will need to prepare the following materials prior to the activity:

- Computer and projector to display video in class
- 8.5" x 11" white paper (1 sheet per student)
- 8.5" x 11" black construction paper (1 sheet per student)
- Pencil
- Vinyl eraser
- White, red, and yellow pencil crayons
- White oil pastel
- Tape

Curricular Competencies: What students will DO

Students will be able to use the following creative process(es):

- Create a drawing of an original machine using ideas inspired by imagination, observation, and purposeful play **(Arts Education, Grades 4-7)**
- Describe and respond to works of art and explore artists' intent **(Arts Education, Grades 4-7)**
- Generate potential ideas for a design and identify the main objective for the design **(Applied Design, Skills, and Technologies, Grades 4-7)**

Concepts and Content: What students will KNOW

Students will know the following concepts and content:

- Elements and principles of art and design including line and shape **(Arts Education, Grades 4-7)**
- Students will know and make use of image development strategies including repetition, simplification, and rotation **(Arts Education, Grades 4-7)**
- Students will know and make use of the processes, materials, and techniques for drawing from observation and transferring drawings from one surface to another **(Arts Education, Grades 4-7)**

Core Competencies (suggested questions for reflection)

- **COMMUNICATION:** What did you learn from discussing your classmates' observations and ideas about Gordon Smith's print and sculpture? How did your classmates' observations contribute to your understanding of these artworks?
- **THINKING:** How did you develop the ideas for your Made Up Machine? What sources did you draw your ideas from?
- **PERSONAL AND SOCIAL:** What differences and similarities did you observe between your Made Up Machine and your classmates' Made Up Machines? What can you learn from the design choices your classmates made in creating their drawings?

Suggested Descriptive Feedback

- Nora contributes her ideas about works of visual art to the group and asks thoughtful questions.
- Nora uses processes and tools required for creating observational drawings and for transferring her drawing from one surface to another.
- Nora has created an original design for a machine using ideas inspired by imagination and observation.
- Nora has used image development strategies to design and draw an original machine including repetition, simplification, and rotation.