

Grades K-8

Drawing Power! is based on common standards for the visual arts curriculum. Viewers learn how to draw 5 Secret Shapes, and use them to create a variety of objects and characters from life or the imagination.

This material has a wide range of applications in the classroom, and can be integrated into the Math, History and English curriculum.

Vocabulary:

cube - a box shape.

sphere - a ball shape.

cylinder - a soda can shape.

overlap - placing one shape in front of another convincingly in a drawing.

two-dimensional shape - a flat shape, such as a square. three-dimensional shape - a realistic shape you can "reach out and touch", such as a cube or sphere.

Pre-Viewing Discussions:

If you could draw anything you could imagine, what would you draw? What kind of characters or objects would you include in your drawing?

Follow-up Discussion:

Discuss with the students how everyday objects - such a box (cube), a pencil (cylinder), or an orange (sphere)-- are made up of basic shapes. Have students guess the basic 3-dimensional shape of objects in the classroom. (note: try to stay away from 2-d shape descriptions, such as square and circle, and steer toward 3-d terms like cube, sphere, and cylinder.)

Follow-up Activities:

- Narrative writing: Have students make up stories based on characters they create using "Secret Shapes". Read the stories out loud and share the pictures of their characters.
- Geometry / History project: Discuss the pyramids in Ancient Egyptian architecture. Have students cut paper and use tape or glue to construct 3-dimensional shapes, such as a pyramid or cube. In this exercise, students learn how many sides are necessary for a structure, and that the structural integrity of a pyramid is greater than that of a cube. (Note: Pipe cleaners or straws can also be used to create these 3-dimensional shapes.)
- Holiday card project: Using colored pencils or markers, have students use the lessons in the video to create different elements of a holiday card. Students can use sphere shapes to create fun snow-person characters, boxes for houses, etc. Ask students what shape would be used for a gift-wrapped present?
- Puppet-making: Use the techniques from the video to create drawings of characters and props for classroom reading projects. The characters and props can be cut out and glued onto popsicle sticks or paper bags. When students act out the stories, they use their puppet characters to tell the story. Tons of fun!
- Book Reports: Students use techniques from the video to create an object or character from a specific piece of literature for their book report. The drawing can be used as an exciting cover page.
- For uppper grades: Students can use secret shapes to create architecture from life or the imagination. Use math skills to find the area, perimeter and volume of the structure.



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suggested internet resources:

- www.drawingpower.org/drawing-lessons.html The official Drawing Power! website has several free printable drawing lessons for downloading purposes.
- $\hbox{$^\bullet$www.education-world.com/standards/national/arts/index.shtml}$

The National Visual and Performing Arts standards online information.

suggested print resources:

• Bucky For Beginners - This workbook shows how to use shapes to create architectural structures, such as domes.



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