# Lesson Plan: Shapes All Around (Grades K – 1)

**Overview:**

In this lesson, students will identify basic geometric shapes in the world around us, and then create an animal by putting shapes together. Kindergarten students will use physical manipulatives and first graders will use Google Draw to create their animals. The following lesson has been adapted from, and uses portions of, teacher.net lesson plan “[Animal Shapes](https://teachers.net/lessons/posts/4724.html)”.

**Subject Areas**: Math, Art

**Objectives:**

* Students will identify basic geometric shapes
* Students will compose larger shapes (animals) by joining smaller shapes together

**Materials:**

1. Basic geometric shapes (several sets)
2. Google Draw and templates **NOTE: Once you click on the link(s) below, you will need to click “File” and then “Make a Copy” in order to use any of the templates:**
	* [Grade 1 Comparing 2D Shapes](https://docs.google.com/drawings/d/1lvcT62_DiY7kM45tXzdqU7519tY1X5PZRNz0VPvVFz8/edit?usp=sharing)
	* [Math: Sorting Shapes](https://docs.google.com/drawings/d/1IHK23u6wsGjCax-urWeHF6O12gugFHvU0eiUjU-xFxA/edit?usp=sharing)
	* [Pattern Blocks Template](https://docs.google.com/drawings/d/1_6H2ZYAlyEJitqQLnKRKX_GCJ2xfifw-d8cfjtQcGZk/edit?usp=sharing)
3. Paper
4. Glue
5. "Color Zoo" by Lois Ehlert
6. [KWL chart](http://www.readwritethink.org/classroom-resources/printouts/chart-a-30226.html)
7. Gale Databases
	* Examples from Kids InfoBits
		1. [Color and Shape](https://link.galegroup.com/apps/doc/EKINWV602845443/ITKE?u=cschneider&sid=ITKE&xid=c606a223) video
		2. [Shapes: Squares](https://link.galegroup.com/apps/doc/CX3149400004/ITKE?u=cschneider&sid=ITKE&xid=6093abe7) article
		3. [Shapes: Triangles](https://link.galegroup.com/apps/doc/CX3149500004/ITKE?u=cschneider&sid=ITKE&xid=c55e002a) article
		4. [Shapes: Rectangles](https://link.galegroup.com/apps/doc/CX3149300004/ITKE?u=cschneider&sid=ITKE&xid=33cb2b12) article
		5. [Shapes of the Moon](https://link.galegroup.com/apps/doc/CX3150600007/ITKE?u=cschneider&sid=ITKE&xid=f673734e) article
	* *Look & Learn: Shapes* from National Geographic for Kids

**Background/Preparation:**

Familiarize the students with the story of Jack and the Beanstalk. Read a variety of literature about plants. Use a [KWL chart](http://www.readwritethink.org/classroom-resources/printouts/chart-a-30226.html) to review prior knowledge base. Students should have basic knowledge of creating a brochure using the computer. Students should have had experience navigating the Internet.

**Lesson:**

1. Play [Color and Shape](http://link.galegroup.com/apps/doc/EKINWV602845443/ITKE?u=csl2018&password=trial) video from Kids InfoBits
2. Show students basic geometric shapes. Review each shape so they can identify each one
3. Tell the children we will be reading a book and see if they can recognize the shapes
4. Read and discuss *Look & Learn: Shapes* from National Geographic for Kids. You can also use any of the articles listed in the Kids InfoBits materials section above.
5. Read "Color Zoo" pointing out each shape and how they are connected to make a bigger shape

• Discuss how they can make different animals out of the shapes

• Ask what other animals they think they could create with shapes. Tell them they can use an animal they know or make up a new one

*Guided Practice*

1. For first grade:
	1. Show students in small groups how they will create an animal using Google Draw.
		1. Students can use [Grade 1 Comparing 2D Shapes](https://docs.google.com/drawings/d/1lvcT62_DiY7kM45tXzdqU7519tY1X5PZRNz0VPvVFz8/edit?usp=sharing), [Math: Sorting Shapes](https://docs.google.com/drawings/d/1IHK23u6wsGjCax-urWeHF6O12gugFHvU0eiUjU-xFxA/edit?usp=sharing) to practice and then use [Pattern Blocks Template](https://docs.google.com/drawings/d/1_6H2ZYAlyEJitqQLnKRKX_GCJ2xfifw-d8cfjtQcGZk/edit?usp=sharing) to design their animal. (**NOTE: Once you click on the link(s) below, you will need to click “File” and then “Make a Copy” in order to use any of the templates.)**
	2. Other children can practice manually putting geometric shapes cut outs together to form an animal
	3. Review the following tools and how to use them: shapes, clicking and dragging to change size of shape, fill, outline, print
2. For Kindergarten: Using the shape sets, show students how to create an animal from the shapes.

*Independent Practice*

1. Students create an animal of their choosing using the shapes, shape, fill, outline tools.
	1. Kindergarten students paste their animals to paper.
	2. First grade students print their animal to share with the class and post

*Differentiation*

* Advanced students can create a picture of the environment their animal may live in.

• Students needing support can complete the basic shapes using paint and then print and color the animal using crayons or colored pencils

**Closure**

Students share their shape animals; type of animal and identify shapes that make up the animal or scene.