

Activities with Curved Figures

Three Period Lessons: Ages 3 and up, as needed

Directions: Print out the geometry cabinet cards below. Choose three contrasting shapes to introduce to your child using a three period lesson. Over time, you will introduce the child to other shapes in the same manner.



curvilinear triangle



oval



ellipse



quatrefoil

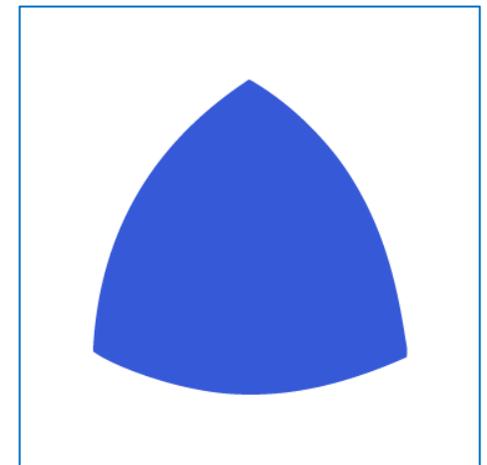
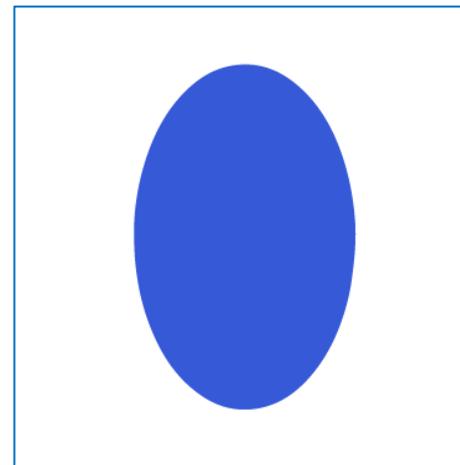
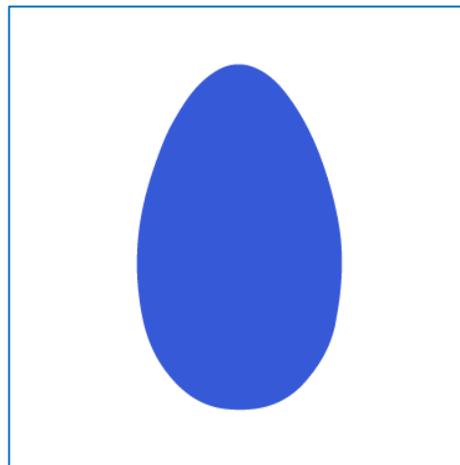
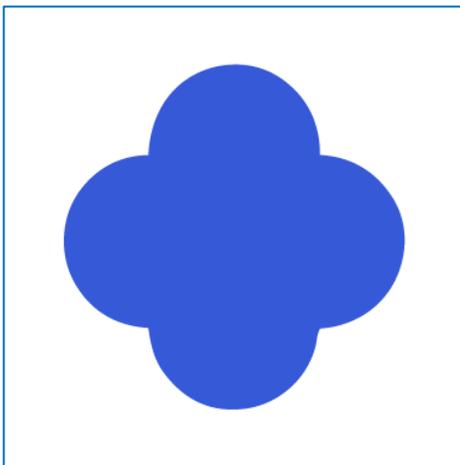
Period 1: Introduce the three shapes one at a time, pointing to and stating the shape's name. For example, "This is the quatrefoil, This is an ellipse. This is a curvilinear triangle."

Period 2: Using active commands, have the child interact with the shapes as a way to reinforce their association between the name and the shape. "Touch the quatrefoil. Tap the ellipse. Hand me the curvilinear triangle. Put the ellipse in your lap." This is the longest stage of the game, and should be played until the child is readily identifying the shapes without needing verbal or non-verbal cues from the adult.

*****Only move to the third period when you know the child will answer correctly!*****

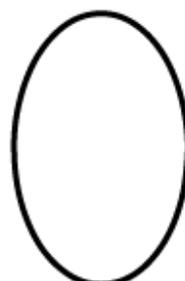
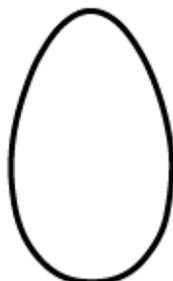
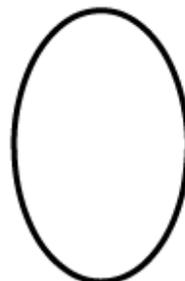
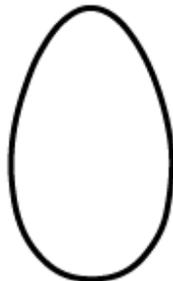
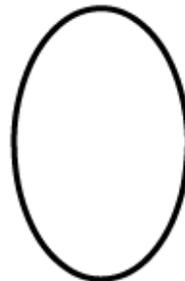
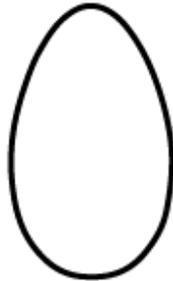
If the second period has gone on for a while and the child does not appear confident with the names, smile and let your child know you will work with them again tomorrow. It is important that they do not feel as if they have failed in any way. Rather, they are having fun manipulating the shapes. If you are unable to move to the third period, try again on a different day.

Period 3: Touch each shape and ask, "What shape is this?" The child should respond, "quatrefoil!"



Curved Figures Collage: Ages 3 ½ and up

Directions: Color the curvilinear shapes using crayons and colored pencils. Cut out the shapes and arrange them on a large sheet of paper. With permission, use glue or tape to create a collage using the curved figures.



Labeling Curved Figures: Ages 4 ½ and up

Directions: Color the curvilinear shapes using crayons or colored pencils. For an extra challenge, use up and down lines as you would with metal insets. Write the names of the shapes below using cursive writing.

