

Mathematics

1-8 Shapes

Subject:	Mathematics
Topic/Unit of Study:	Identify geometrical shapes
Objective:	Learn to identify the basic geometric shapes: square, circle, triangle, and rectangle.

Summary

Students reinforce their knowledge of geometric shapes using the shape mat or the card mat and shape cards and a Bee-Bot. The teacher or a student calls out a shape name and another student navigates the Bee-Bot to the matching shape. Shape cards may be used to draw a shape for students to match on the mat.

Procedure

Students either draw a shape card or are given a shape name orally. They locate the matching shape on the mat and then navigate the Bee-Bot to the correct location.

Differentiated Instruction

For advanced students, this activity may be modified to add additional shapes such as rhombus, oval, diamond, etc.

For struggling students, teach one shape at a time and show various sizes to help them reach proficiency.

Collaboration: Students work collaboratively in groups of four.

Time Allotment: Multiple class periods, as needed. The time should be limited to 5-10 minutes.

Resources: Shape, Color, and Size mat or card mat
Shape cards (01-08_Shapes.pdf)

Standards

ISTE: National Educational Technology Standards for Students: The Next Generation

- Standard: 4. Critical Thinking, Problem-Solving & Decision-Making- Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate digital tools and resources.

Indicator: Students: b. plan and manage activities to develop a solution or complete a project.

- Standard: 6. Technology Operations and Concepts- Students demonstrate a sound understanding of technology concepts, systems and operations.

Indicator: Students: b. select and use applications effectively and productively.

Indicator: Students: d. transfer current knowledge to learning of new technologies.