ACTIVITY WORKSHEET · AGES 5–10

Sort Like a Robot with Tariq

Let's practice computational thinking



TARIQ'S TIP

Try a new shape to see how well your rules work.

The STEM Squad

Read their books at thesquadbooks.com

Name _____ Date _____

COMPUTATIONAL THINKING

You'll need: Paper, scissors, a pencil and a partner.

1 Decompose

Cut out 9 paper shapes in different sizes. Sort them into these groups.

Circles	Squares	Triangles

2 Find patterns

Look at one group. What is the same about every shape in it?

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3 Abstract

Sort by shape. Ignore size and color for this task.

4 Write an algorithm

Write a rule for each group, like "3 corners means triangle." Mix the shapes. Can a partner sort them with your rules?

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