



Geometry

(PRIMARY FOCUS: MATH)

For students from approximately 8 to 10 years old.

SUMMARY

One student creates code that has KUBO move in a compound geometric shape. His or her partner draws the shape as KUBO moves. After they are done, they will run KUBO one more time to double-check the shape. The students should then calculate the area and perimeter of the shape.

BEFOREHAND

Students should understand how to use KUBO and the Coding and Coding+ TagTiles®. They should also have some previous experience with 2-D shapes.

RESOURCES

- 1 KUBO robot per pair, fully charged
- 1 set of Coding TagTiles
- 1 set of Coding+ TagTiles

CROSS-CURRICULAR LINKS

- Social Studies: Students find architectural features in the school or around town that showcase different shapes.
- ELA: Students write step-by-step instructions explaining how to draw 2-D shapes.

