ACTIVITY WORKSHEET · AGES 5–10

Write Maze Rules with Tariq

Let's practice computational thinking



TARIQ'S TIP

Try the instructions exactly as written before changing them.

The STEM Squad

Read their books at thesquadbooks.com

Name _____ Date _____

COMPUTATIONAL THINKING

You'll need: A pencil and a partner. Each arrow moves one square.

1 Decompose

Find S, H and the gray blocked squares. Plan a route around them.

				H
S				

2 Find patterns

Look for places where you take the same kind of step twice.

3 Abstract

Keep what your partner needs: direction, moves and blocked squares.

4 Write an algorithm

Write one command per move. Ask your partner to run your code. Fix a move if it goes off course.