ACTIVITY WORKSHEET · AGES 5–10

Fix a Delivery Route with Tariq

Let's practice computational thinking



TARIQ'S TIP

A bug is a mistake in the instructions. Trace the route to find it.

The STEM Squad

Read their books at thesquadbooks.com

Name _____ Date _____

COMPUTATIONAL THINKING

You'll need: A pencil. Each arrow moves one square: ↑ up, → right.

1 Decompose

This code has a bug: ↑ → → ↑. Trace it from S. Where do you end up?

			H	
S				

2 Find patterns

Which arrow repeats in the buggy code? Write it here.

_____

_____

3 Abstract

H is ___ squares to the right of S and ___ square up.

4 Write an algorithm

Replace one arrow so the code finishes at H. Write your new code and test it on the grid.

_____

_____

_____