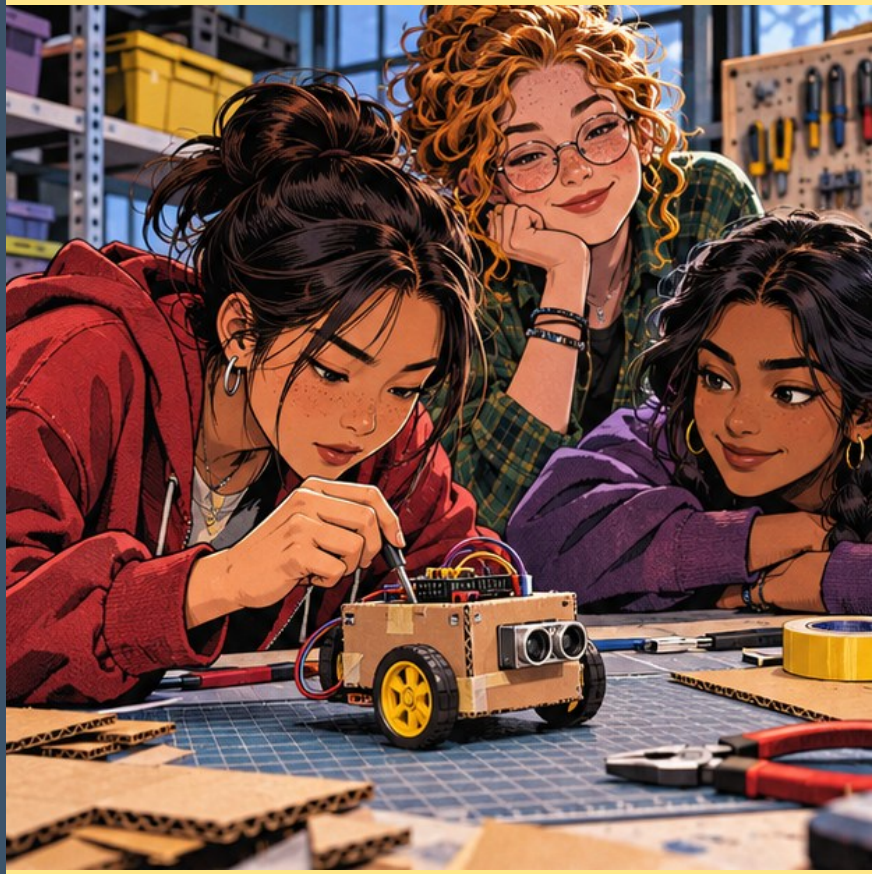
VOKLA / TEEN READERS

# The Robot That Drew Rivers

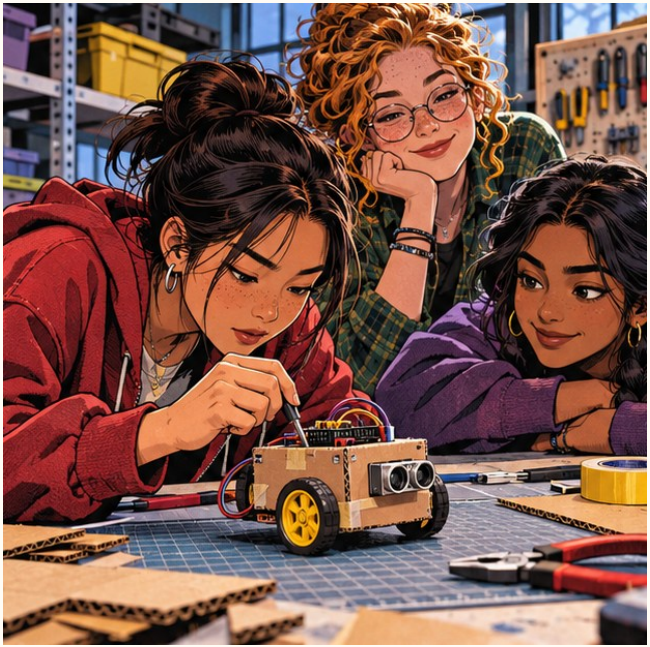
ENGLISH STORYBOOK / A2



VOKLA Press

Free student edition

# A star on the floor



For the science fair, Tess and Noor built a little robot with two wheels. It had one job. It had to travel from a black line to a yellow star. At home it crossed the table perfectly. On the shiny hall floor it turned left and went right past the star. Three times it missed in exactly the same way.

# What changed?



Noor wanted to change the program. Tess wanted to move the star. Before they did either, they tried the robot on a gray paper mat. This time it went almost straight. Back on the shiny floor it drew a curve again. They could see the left wheel slip. The robot was following their program, but the surface changed its path.

# A blue line



“Can we use the curve?” asked Noor. She fixed a blue pen to the back of the robot. Tess put a big sheet of smooth white paper on the floor. The robot made a long blue bend. Noor turned the paper and ran it again. Two blue lines met. “It looks like a river map,” said a student from the next table.

# Two stops at the fair



At the fair, visitors tried two stops. At the first, they guessed which surface would help the robot reach the star. At the second, they turned the smooth paper to add a new river. By lunch the map had an island, a lake and a very wet-looking school. Tess kept the yellow star on the first table. It reminded her which question had started the whole map.

AFTER THE STORY

# Back to the story

**1** **Why do the students try a gray mat?**

**2** **How do visitors change the river map?**

YOUR TURN

Design a third stop at the fair. What would visitors test?

THREE WORDS FROM THE STORY

wheel • a round part that rolls

surface • the top of something

curve • a line that bends