Smart Bridge

QUIZ

Name *

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Grade 4 *

Yellow ▾

✓ What is the name of our project?   1/1

○ Project Y

◉ Smart Bridge   ✓

○ Project Alpha

○ Project Z

✓ What is the main purpose of making a smart bridge?   1/1

○ To reduce construction costs and time.

◉ Let the Boats go through   ✓

○ To increase traffic flow and reduce congestion.

○ To improve aesthetic appeal and design.

✓ For what purpose will we use the Arduino?   1/1

○ To design websites and mobile apps.

◉ To build electronic projects and prototypes.   ✓

○ To create software applications only.

○ To write novels and poetry.

✓ What type of motors do we need to use in this project?   1/1

- ○ AC motors
- ◉ Servo motors   ✓
- ○ Stepper motors or DC motors depending on project requirements.
- ○ Linear motors

✓ What is the name of the sensor that we will use to move the bridge?   1/1

- ○ light sensor
- ○ pressure sensor
- ○ temperature sensor
- ◉ Water Level sensor   ✓

✓ How do the wires help us in this project?   1/1

- ◉ Wires facilitate electrical connections and communication between components.   ✓
- ○ Wires are primarily for structural support in the design.
- ○ Wires serve as decorative elements in the project.
- ○ Wires are used for insulation purposes only.

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