

Smart Bridge

QUIZ

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* Indicates required question

Name *

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Grade 4 *

purple



What is the name of our project?

1 point

- ☐ Project Y
- ☒ Smart Bridge
- ☐ Project Alpha
- ☐ Project Z

Clear selection

What is the main purpose of making a smart bridge?

1 point

- ☐ To reduce construction costs and time.
- ☒ Let the Boats go through
- ☐ To increase traffic flow and reduce congestion.
- ☐ To improve aesthetic appeal and design.

Clear selection

For what purpose will we use the Arduino?

1 point

- ☐ 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 point

- ☐ AC motors
- ☒ Servo motors
- ☐ Stepper motors or DC motors depending on project requirements.
- ☐ Linear motors

Clear selection

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

1 point

- ☐ light sensor
- ☐ pressure sensor
- ☐ temperature sensor
- ☐ Water Level sensor

How do the wires help us in this project?

1 point

- ☐ 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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