

DISTANCE SENSOR

LESSON 1 GRAPHIC ORGANIZER



What are some things to consider when wiring a sensor?

What do you notice about your sensor? *(Describe your sensor in 2-3 sentences)*

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Puzzle #1

Describe the problem you are trying to solve.	What happens if you put your hand close to the sensor?
What information are you given to solve the problem?	Where did your hand have to be positioned to solve the puzzle?
How would you describe the speed of the flashing gate?	

Puzzle #2

Puzzle #3

How would you describe the speed of the flashing gate?	How would you describe the speed of the yellow ball?
Where did your hand have to be positioned to solve the puzzle?	Where did your hand have to be positioned to solve the puzzle?
How was this puzzle different from #1?	How was this puzzle different from #1 and #2?

Puzzle #4

Puzzle #5

How would you describe the speed of the yellow ball?	How would you describe the speed of the flashing gate?
Where did your hand have to be positioned to solve the puzzle?	Where did your hand have to be positioned to solve the puzzle?
How was this puzzle different from the previous puzzles?	How was this puzzle different from the previous puzzles?