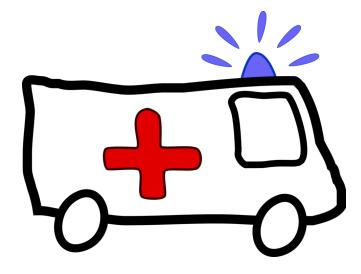
Student Science Journal 1.3.4

Communicating with Sound and Light



Name

Episode #1



Why do cars pull over for an ambulance?
How do cars know to pull over when an ambulance is coming?

What was being used to communicate.	What was it telling you?

Construct an explanation to describe how light and sound are used to communicate information over a distance.						e	

Draw a model of how a device uses can use light or sound to communicate over a distance.

Episode #2

Define a problem you want to solve.
• What are the constraints?
What are the criteria? •
•
were not able to?
When have you needed to get information across a distance and

Draw a picture of your design. Label and describe how you are using light or sound to communicate over a distance.
Write a code for your device. What does the light or sound mean?
Code:

problem.	iment for now y	our structure	is a solution to the
			

Presentation

What was your defined problem?

What was your design?

Did it solve the problem? How do you know?