

Consider a clear, sunny day.

What do you see? *(Describe why you included those objects or colors)*

What kind of rays does the Sun emit?

How do we know that the Sun emits rays?

What do we know about sunlight's wavelength?

How do we know that the Sun emits visible light?

COLOR SENSOR

LESSON 2 GRAPHIC ORGANIZER



What happened when connecting your sensor?	Why do you think the sensor has a light?	
<p>Draw what you see at the platform. <i>(Label the objects and describe why you included those objects)</i></p>	R	<p>What did you scan for the first value?</p> <p>Why did you choose this object?</p> <p>What happened in the game?</p>
	G	<p>What did you scan for the second value?</p> <p>Why did you choose this object?</p> <p>What happened in the game?</p>
	B	<p>What did you scan for the third value?</p> <p>Why did you choose this object?</p> <p>What happened in the game?</p>

COLOR SENSOR

LESSON 2 GRAPHIC ORGANIZER



<p>Do all three of the RGB tubes fill up when scanning an object?</p>	<p>RGB [255, 255, 0]</p> <ol style="list-style-type: none">1. What does each value represent in this coordinate?	<p>RGB [255, 0, 255]</p> <ol style="list-style-type: none">3. What does each value represent in this coordinate?
<p>Describe how each tube fills up when scanning a pink object.</p>	<ol style="list-style-type: none">2. What color do you think this represents?	<ol style="list-style-type: none">4. What color do you think this represents?
<p>What do you think would happen if you scanned a yellow object?</p>	<p>RGB [0, 255, 255]</p> <ol style="list-style-type: none">5. What does each value represent in this coordinate?	<p>RGB [255, 255, 255]</p> <ol style="list-style-type: none">7. What does each value represent in this coordinate?
<p>What do you think would happen if you scanned a black object?</p>	<ol style="list-style-type: none">6. What color do you think this represents?	<ol style="list-style-type: none">8. What color do you think this represents?