

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Light & Shadows

## How Can Light Be Broken Into Colours or Combined to Make a New Colour?



Observe: Light and Colour

### Question

How does light produce colour?

### Resources

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Access the website links from the online course.

- BrainPop Video: Color (website)
  - Username: 0099
  - Password: students

### Instructions

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- 1 Watch the video **BrainPop: Color**.
- 2 Use the **Note-Taking Organizer** provided to make your notes about the information given on the video.
- 3 Check your answers using the **Check Your Answers** on the following webpage in the course content.

## Note-Taking Organizer

<b>Topic: (What is the video about?)</b>	
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**Main Ideas:** *Provide appropriate responses to the questions.*

<b>1. What are the main colours that make up visible light (the spectrum)?</b>	
<b>2. What is white light?</b>	
<b>3. What colour light is reflected by the grass?</b>  <b>What colours of light are absorbed by the grass?</b>	
<b>4. What are the three primary colours of light?</b>	

<b>5. What happens when you mix the three primary colours of light?</b>	
<b>6. What happens when you mix the three primary colours of paint?</b>	