

Nova's Light Investigation

Learning objective: To describe how light reflects off surfaces and identify that we need light to see things.

Read the opening sentence. Use the prompts below to write your own report about light. Use the word bank to help you write full sentences.

Nova the owl is helping us learn about light, and she says that we can only see objects when light hits them.

Word bank: light source · reflection · shiny · bounces off · dark · because · firstly · then · finally

1. What is a light source? Start your answer by saying: A light source is... (2 marks)

2. What happens when light hits a mirror? Start your answer by saying: When light hits a mirror, it... (2 marks)

3. Why can you not see in a dark room? Start your answer by saying: I cannot see in the dark because... (2 marks)

4. Name two objects that are good at reflecting light. Start your answer by saying: Two objects that reflect light are... (2 marks)

Extension challenge: Can you find one object in your classroom that is a light source and one object that just reflects light?