

Activity 7B What Reflects Light Well?

Activity Book p.67

 **Skills:** Create tables to show observations, learn to sort and classify things through tests and observations, produce a table to explain results



Materials:




Scissors	Metal spoon
White card	Compact disc (CD)
Torch	Cloth rag
Aluminium foil	Tissue paper
Plastic file	Wooden spoon
Book	

Method

- 1 Use a pair of scissors to cut a hole in the centre of the white card.
- 2 Push the torch through the hole so that the card stays on the torch without you holding it.
- 3 Darken the room by shutting the door and windows and turning off the lights.
- 4 Shine the torch on each of the objects and observe how well each object reflects light.
- 5 Observe which objects reflect the light to the white card.

Activity Book p.68

6 Tick (✓) the boxes with the objects that reflect light to the white card.

aluminium foil  <input checked="" type="checkbox"/>	plastic file  <input type="checkbox"/>	book  <input type="checkbox"/>	metal spoon  <input checked="" type="checkbox"/>
compact disc (CD)  <input checked="" type="checkbox"/>	cloth rag  <input type="checkbox"/>	tissue paper  <input type="checkbox"/>	wooden spoon  <input type="checkbox"/>

Activity Book p.68

- 7 With a partner, collect other items around the classroom to test. Create a table to group these items as those that reflect light to the card and those that do not reflect light to the card. Present your findings to your class.

reflects light	does not reflect light