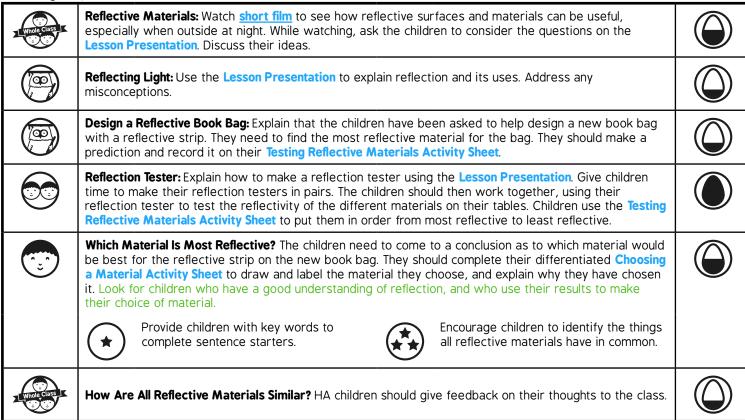
## **Light:** Reflective Surfaces

Aim: To notice that light is reflected from surfaces by choosing the most reflective material for a new book bag. I can investigate which surfaces reflect light.	Success Criteria: I can explain reflection.	Resources: Lesson Pack
	I can identify reflective materials.	Torch per pair
	I can select the most reflective material for a purpose.	A5 piece of white card per pair
		6 materials to test such as CDs, tin foil, paper, different fabrics, bubble wrap, cardboard.
		Short film
	<b>Key/New Words:</b> light, source, dark, reflect, see, illuminate, visible.	Preparation: Testing Reflective Materials Activity Sheet - 1 per pair

Prior Learning: Children will have learnt about light sources in lesson 1.

## **Learning Sequence**



## **Taskit**

Checkit: Use a reflection tester to check whether your coat or bag reflects light well. Make sure your clothes make you easy to

Designit: Design a poster to tell people how to dress to be seen in the dark. Explain how to choose clothes that reflect light well.

**Spot**it: If you are going somewhere in the car when it is dark, look out for road signs, bike lights, cat's eyes or clothes that

reflect light well. How do these help the driver?

