Light: Marvellous Mirrors

Aim:

To notice that light is reflected from surfaces by playing mirror games.

I can use a mirror to reflect light and explain how mirrors works.

Success Criteria:

I can explain why mirrors are good reflectors.

I can use mirrors to reflect light onto different objects.

I can explain how mirrors work in different tasks.

Resources:

Lesson Pack

A mirror per child

A wavy chalk line (approximately 3-5m long) drawn on the floor, either outside or in the School Hall.

Key/New Words:

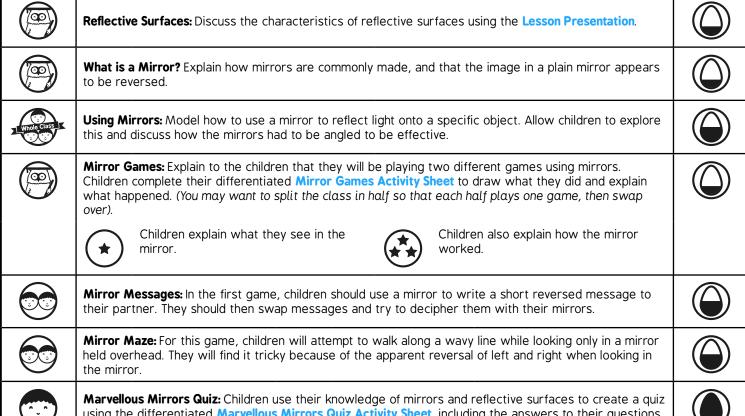
Reflect, mirror, light, smooth, shiny, rays, rough, scatter, reverse, beam.

Preparation:

Mirror Games Activity Sheet - 1 per child **Marvellous Mirrors Quiz Activity Sheet - 1** per child

Prior Learning: Children will have learnt about reflective surfaces in lesson 2.

Learning Sequence





using the differentiated Marvellous Mirrors Quiz Activity Sheet, including the answers to their questions.



Children ask 3 questions.



Children ask 5 questions

Marvellous Mirrors Quiz Results: Once they are complete, the children should swap guizzes and try them

out. Look for children who are able to use their knowledge to create and answer questions.



Children ask 7 questions.



Taskit

Drawit: Why not draw a mirror portrait? Look at your face in a mirror and draw what you see!

Reflectit: Use a mirror to create a symmetrical pattern. Position the mirror on the center line and ensure the pattern is the same

on both sides of this mirror line.

Writeit: Can you write a non-fiction book all about mirrors and reflective surfaces? Explain what a mirror is, why it reflects light

so well, and how they can be useful. Add some helpful diagrams and illustrations.

