

## St Bernadette's Catholic Primary School Beech Class Science Spring 1 Light, Reflections and Shadows

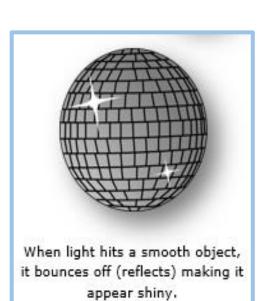
Gospel Value - Joy

## What I should already know...

- Explore how things work
- Talk about differences in materials and changes I notice
- Be able to describe what I see and feel whilst outside

## **Key Knowledge**

- We see objects because our eyes can sense light
- We cannot see anything in complete darkness
- Some objects are sources of light (sun, light bulbs, candles
- Some surfaces reflect light
- Light from the sun can damage our eyes
- Shadow are formed on a surface when an opaque or translucent object is between a light source and the surface and blocks some of the light





## **Key Vocabulary**

Light – Energy that makes it possible to is to see

Light Source – Something that emits lights e.g. torch, sun, light bulb

Dark – absence of light

Transparent – light can travel through

Translucent – some light can travel through

Opaque –light cannot travel through

Shiny – smooth surface reflecting light

Matt – Not reflecting light

Surface – Outside or any one side of an object

Reflect – give back light Ray – beam coming

from a light source

Mirror – surface that reflects and image

Sunlight – Light and energy that comes from

the sun

Dangerous - Unsafe

