



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
One

Science Knowledge Organiser

Autumn
Term

Amazing Activities

Make their own sound
machine

Light and Sound

Key Concepts

- Darkness is the absence of light
- There are many sources of light in the world
- Daytime is when the world is full of light - the sun gives us this light even if we cannot see the sun because of the clouds
- night time is when there is darkness
- Some objects will let light through. The object is said to be transparent.
- Some objects will not let light through. The object is said to be opaque.
- Sound can be made by hitting, blowing, plucking and rubbing an object.

Curriculum Links

English—Speaking & listening,

Music - naming instruments and identify
its musical family

Key Vocabulary

Dark/darkness - the absence of light

Light - allows us see when it is dark

Day - when the world is not in darkness

Night - when the world is in darkness

Source of light - something which gives us light

Transparent - will let light travel through it

Opaque - blocks out light

Woodwind—an instrument which produces sound by blowing

Percussion - an instrument which produces sound by being struck or shook

String - an instrument which produces sound by plucking the strings

Brass - an instrument made from metal which produces sound by being blown

Skills

- Observing closely
- Use their observations and ideas to suggest answers to questions
- Use simple scientific language
- Ask simple questions
- Perform simple tests
- Identify, sort and classify
- Gather and record data to help answer questions

