

# Science Knowledge Organiser KS1

## 'Light and Astronomy - Seasonal Change'

### Vocabulary

Light - something that helps us see

Dark - when there is little or no light

Sun - the star that gives us light and heat

Day - the time when it is light

Night - the time when it is dark

See - to look at something using light

Light source - something that makes its own light

Torch - a man-made light source

Bright - very light

Shadow - a dark shape made when light is blocked

Safe - not dangerous

Natural light - light from nature (the Sun)

Man-made light - light made by people

Heat - warmth from the Sun

Reflect - when light bounces off an object

Dangerous - something that can hurt us

### Core Knowledge:

Light helps us to see. Light, dark

The Sun is a natural light source.

We have day and night because of the Sun.

The year is split into four seasons. spring, summer, autumn, winter

Daylight changes across the seasons.

Never look directly at the sun

The Sun is the main source of natural light source.

Summer days are longer than winter days.

Seasons change every year.



spring



summer



autumn



winter

### Real-Life Links

Choosing clothes for different seasons

Knowing when it gets dark

Staying safe in the sun

Understanding daily routines

### Working Scientifically (KS1)

Observing carefully

Using simple equipment

Talking about what I notice

Comparing and grouping

### Working Scientifically (KS1) Real-Life Links

Observing carefully Choosing clothes for different seasons

Using simple equipment Knowing when it gets dark

Talking about what I notice Staying safe in the Sun

Comparing and grouping

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