

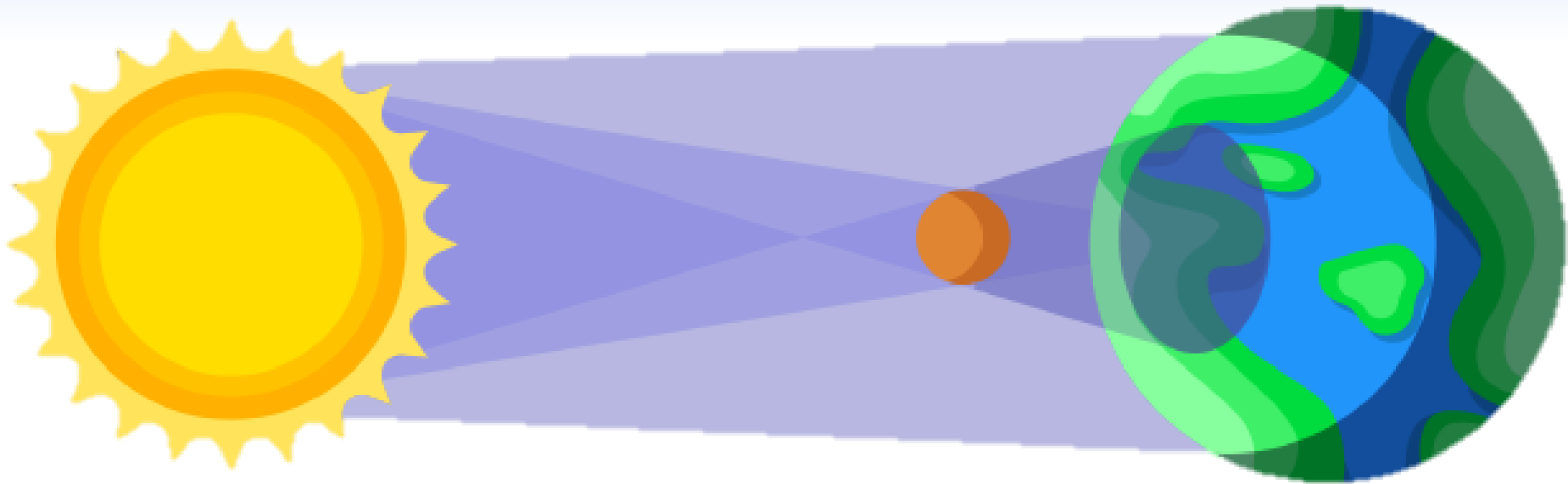


St. Peter's
Catholic Primary School

Let it Shine

Upper Key Stage 2, Year B, Autumn Term 1

3 weeks



We put Jesus at the heart of everything that we do.

special kind unique inventive
generous awesome gentleness
purity helpful good positive
expressive enjoyable caring
adventurous bouncy zingy
fun truth colourful superb
confident polite compassion
friendly enthusiastic marvellous
comforting nice remarkable
happy magnificent great
meaningful forgiveness
exceptional joy wonderful
interesting creative hopeful
incredible spectacular
original brilliant peace
lovely service outstanding
dynamic amazing
dignity fabulous impressive
beautiful sacrifice
glorious fantastic tolerance
exciting terrific delicious
integrity cool considerate
phenomenal laughing funny
sharing humility loving
energetic smiling captivating
justice encouraging mercy
gracious faithful important
supporting delightful thankful
hard-working tremendous



The aims of our curriculum:

- We aim to be like Jesus the teacher, where all children learn to be good, inquisitive learners, capable of making our world a better place. Like Jesus our shepherd, no child will be left behind.
- We want our children to know more and remember more
- We aim to provide our children with a broad curriculum, rich with cultural capital.
- We aim to teach what is required from the National Curriculum as a minimum.
- We aim to create a curriculum that is teachable, clear and practical where possible.
- We want all of our children to progress so that they can tell us about their own progression in learning.
- We want our children to be able to tell us why they are learning what they are learning.

“And God said, “Let there be light,” and there was light.”
Genesis 1:3

Our Curriculum Drivers:

Catholic Social Teaching

Dignity of the human person

Caritas in Action p.28

FOCUS: We are all equal in God's eyes

Our Resilience

Burn a hole

You will need a magnifying glass and a sunny day. Keep an eye on the weather forecast and be prepared. Find a leaf and, using the magnifying glass, focus the sun's light on it until it begins to burn. If you find this easy, try a piece of balsa wood! Who can be first to burn a hole?

Our Community

Bake Bread!

We will work together to bake a Wheatsheaf for our Harvest Festival Mass

See plan below

Sustainability

Work with Miss Hart to plan and attain the Live Simply Award

Diversity and inclusion

September 26th – European Day of Languages

We will celebrate the languages that we speak and hear in our school.

We will locate the countries that we represent and learn how to say hello in as many different languages as we can!

Let It Shine:

As Scientists we will:

In this topic, we are learning all about light and how it helps us to see. We will learn that light travels from its source in straight lines and we will experiment with ways that demonstrate how light travels. We will predict where light will appear after hitting a reflective surface, using our scientific knowledge to explain our predictions. We will investigate whether light can ever 'bend' around corners (refraction) and present information on this.

We will learn to observe and describe how light diverges from a light source and experiment making and using our own periscopes to demonstrate how objects may be seen; furthermore, we will be able to explain what happens to the light during this process. We will investigate whether light is visible or invisible.

We will move on to learn about shadows. We will learn how shadows are formed and that the size of the shadow may be predicted when the position of the light source changes. We will describe how divergent light from a source affects the size of shadows. We will consider and explain why shadows are longer in the winter than in the summer. Some of us will investigate if a shadow can be smaller than the object that created it and will be able to reason why.

We will learn about the structure of the eye and learn how the body sees. We will draw diagrams and label them. We will explain and demonstrate why we cannot always see the entire moon.

As writers we will:

- Write instructions
- Write non-chronological reports

As artists we will:

- Use our Pinhole cameras to create an image.

As Designers we will:

- Learn about how we can use our knowledge of light from Science to solve problems.
- We will make periscopes, pinhole cameras and learn about how our eyes see light.
- We will learn about the great light discoveries throughout History and how they contributed to the use of light in modern technology