### **English**

Launch Text: Leon and the Place Between by Angela Mcallister and **Grahame Baker-Smith** 

#### Writing

To know how describe emotions. To know how to organise writing into paragraphs in both fiction (magical stories) and non-fiction (nonchronological reports). To know how to successfully use all Year 3 grammar learning taught this year.

To know how to spell: words ending 'al', /zhuh/spelt 'sure', /chuh/ spelt 'ture' and words with silent letters.

#### Reading

To know how to read with fluency and comprehension. To know how

to check that reading makes sense and ask questions to clarify meaning. To know how to read and re-call information from noniction texts.

#### Maths

#### Time:

To know how to tell the time to 5 minute intervals. To know how to read a digital clock, using the language am and pm. To know about different units of time.

#### Shape:

To know a bout different angles and how to draw the,. To know perpendicular and parallel lines. To know a variety of 2D and 3D shapes.

#### Statistics:

To know how to interpret and draw pictograms and bar charts. To know how to collect data.

#### Personal, Social and Health Education

#### Jigsaw Piece - Changing Me

To know that in animals and humans lots of changes happen between conception and growing up. To know that in nature it is usually the female that carries the baby. To know that in humans a mother carries the baby in her uterus (womb) and this is where it develops. To know that babies need love and care from their parents/carers. To know some of the changes that happen between being a baby and a child. To know that the male and female body needs to change at puberty so their bodies can make babies when they are adults. To know some of the outside body changes that happen during puberty. To know some of the changes on the inside that happen during puberty.

# Bluebell Class - Summer Term 2

How are shadows useful?



### **Physical Education**

#### Dance

To know how to improvise freely.

To know how to create moves from a theme or stimulus To know how to create phrases with a partner or small group

#### OAA

To know how to follow a map in a familiar context.

To know how to use clues to follow a route.

To know how to follow a route safely.

### Computing

#### Presenting

I know how to present data and information using different software such as 2 Question (branching database) or 2 Graph (graphing tool).

I know how to create purposeful (appropriate) content and attach this to emails.

#### **Religious Education**

Who is God to Sanatanis?

To know Brahman as one supreme being in everything and everywhere.

#### Science

To know that we need light in order to see things and that dark is the absence of light.

To know that that light is reflected from surfaces.

To know that light from the sun can be dangerous and that there are ways to protect their eyes.

To know that shadows are formed when the light from a light source is blocked by a solid objects.

To know how to investigate patterns in the way that the size of shadows change.

#### DT

#### **Pneumatics**

To know how to investigate a variety of familiar objects that use air to make them work.

To know how to investigate techniques for making

simple pneumatic systems.

To know how to gather ideas for creating moving creature/toy. To know how to design a creature/toy including a moving pneumatic system.

To be able to make a creature/toy with a moving pneumatic part.

To be able to evaluate a finished product.

To use knowledge of existing products to design own functional products.

To know how to create designs using annotated sketches, cross sectional diagrams and simple computer programmes.

To know how to safely measure, mark out, cut, assemble and join with some accuracy.

To know how to strengthen frames using diagonal struts.

### French

## Time

To know how to listen and respond to topic vocabulary. To know how to demonstrate understanding with actions. To know how to write sentences converting le/la to un/une.

#### Music

Charanga - Reflect, Rewind, Replay

To know the history of music, look back and consolidate your learning, learn some of the language of music.

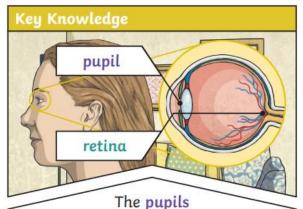


# Year 3 – Summer 2 ~ Knowledge Organiser Enquiry Question: How could we live if its always light?



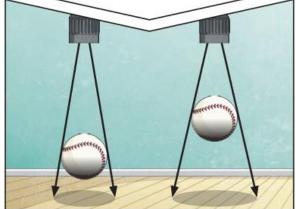
Key Vocabulary	
light	A form of energy that travels in a wave from a source.
light source	An object that makes its own light.
dark	Dark is the absence of light.
reflection	The process where light hits the surface of an object and bounces back into our eyes.
reflect	To bounce off.
reflective	A word to describe something which reflects light well.
ray	Waves of <mark>light</mark> are called <mark>light rays</mark> . They can also be called beams.

# Key Knowledge We need light to be able to see things. Light travels in a straight line. When light hits an object, it is reflected (bounces off). If the reflected light hits our eyes, we can see the object. Some The light is reflected surfaces and materials reflect light well. from the object. Other materials do not reflect light well. Reflective surfaces and materials can be very useful... Light from the torch hits the object. hi-vis jacket cat's eyes



control the amount of **light** entering the eyes. If too much **light** enters, then it can damage the **retina**. To help protect the eyes, you can wear a hat with a wide brim and sunglasses with a UV rating.

A shadow is caused when light is blocked by an opaque object. A shadow is larger when an object is closer to the light source. This is because it blocks more of the light.



Key Vocabulary	
pupil	The black part of the eye which lets light in.
retina	A layer at the very back of the eye. The retina takes the light the eye receives. It then changes it into nerve signals to send to the brain.
shadow	An area of darkness where <mark>light</mark> has been blocked.
opaque	Describes objects that do not let any light pass through them.
translucent	Describes objects that let some light through, but scatter the light so we can't see through them properly.
transparent	Describes objects that let light travel through them easily, meaning that you can see through the object.