



Learning Behaviour: Inquisitive

Social Catholic Teaching: Call to family, community and participation

**Key Question:**

Is Christmas a joyful celebration for everyone?  
Who celebrates Christmas?  
Why may it not be joyful?  
How can we make a difference to others at Christmas?

**Key Question:**

Can we have happiness without sadness?  
What makes us happy?  
What makes us sad?  
Is all sadness bad?  
What colours do we think of for happiness and sadness?

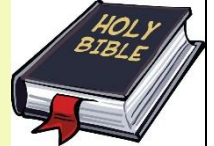


**Focus Texts:**

Holes  
Louis Sachar

**RE Focus:**

Christmas  
Revelation



As scientists we will be learning about electricity. We will associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.

We will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.

We will use recognised symbols when representing a simple circuit in a diagram.

Building on their work in years 3 and 4, pupils will construct simple series circuits, to help them to answer questions about what happens when they try different components, for example, switches, bulbs, buzzers and motors. They should learn how to represent a simple circuit in a diagram using recognised symbols.

We will learn new vocabulary such as:

Buzzer	Electricity
Circuit	Safety
Wire	Renewable
Switch	Decibel
Battery	Appliance
Cell	Voltage



As believers we will be learning about the Revelation of God's message. We will learn about Jesus' baptism marking the start of his mission and consider how our religious life began at baptism.

Through studying parables, children will develop an understanding of the Kingdom of God and build upon their previous understanding of eternal life.

We will consider how we can reveal God to others by living out the teachings of Jesus.

We will learn new vocabulary such as:

Revelation  
Kingdom of God  
Parable  
Wisdom  
Baptism



As technologists we will be designing a computer game. We will be learning how to code, run, de-bug and test scripts. We will develop ideas from the planning stage to completion and learn to work within a success criteria.

We will learn new vocabulary such as:

Sprite	scripts
De-bug	variables
coding	



As nurturers we will talk about a range of jobs and demonstrate how to look after money. We will describe how to get help for someone that is being bullied online and assess when we need to do or say something or tell someone.

We will learn new vocabulary such as:

Investment	victim
Self-employed	bystander
Part time	
cyber-bullying	



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As geographers we will be learning about Texas. We will focus on a big question: is Texas a suitable place for a young offender's prison because of the droughts? (Linked to our core text: Holes) We will look at Texas in relation to latitude, longitude, Northern Hemisphere, Southern Hemisphere, Tropics of cancer, time zones.

After this we will examine past and present droughts in Texas by using a range of secondary sources. We will locate key rivers in Texas and describe them using key vocabulary related to rivers. We will then examine how rivers in Texas have changed over time and the impact this has had. After this, we will learn about the water cycle and the impact this has on water supply. We will look at the location of settlements/cities and the link between where these are based and rivers/water supply.



### Important Facts:

**Texas** is a state in the USA, which is located in North America.

Texas is located in the **northern hemisphere**.

A **river** is a natural flowing watercourse, usually freshwater, flowing towards an ocean, sea, lake or another river. In some cases, a river flows into the ground and becomes dry at the end of its course without reaching another body of water.

A **drought** is an event of prolonged shortages in the water supply. A drought can last for months or years, or may be declared after as few as 15 days.

### Important Vocabulary

**Time zone** - a region of the globe that observes a uniform standard time for legal, commercial, and social purposes.

**latitude** - the angular distance of a place north or south of the earth's equator

**longitude** - the angular distance of a place east or west of the Greenwich meridian

**self-employed** - Self-employment is the state of working for oneself rather than an employer

**part-time job** - A part-time job is a form of employment that carries fewer hours per week than a full-time job. Workers are considered to be part-time if they commonly work fewer than 37 hours per week.

