

## St. Anne's Catholic Primary School

### Reception Knowledge Organiser

#### 'We are Scientists'

*"Loving God In All We Do."*



The 'We are Scientists' theme is about ...

**Space– Mae Jemison and Neil Armstrong**

#### Communication & Language

We will continue to learn new vocabulary linking to our topic and be able to use the new vocabulary throughout the day.

We will continue to grow inquisitive by asking questions to find out more.

We will articulate our own ideas and thoughts in well formed sentences in whole class, group and one to one discussions.

We will continue to listen and learn new stories and join in with rhymes and songs.

#### Physical Development

##### Target Games

We will further develop and refine a range of ball skills including, throwing, catching, kicking, passing, batting and aiming.

We will develop confidence, precision and accuracy when engaging in activities that involve a ball.

We will continue to develop our core muscle strength and overall body strength, co-ordination, balance and agility needed to successfully engage in physical activities.

#### Personal, Social and Emotional Development

We will know now and talk about the different factors that support our overall health and wellbeing: - regular physical activity - healthy eating - tooth brushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian

We will continue to think about the perspectives of others.

We will continue to learn how to deal and manage our own feelings and emotions and personal hygiene.

#### Maths

We will explore counting on and back from different starting points.

We will have a deep understanding of number to 10, including composition of each number.

We will begin to look at taking away and counting back.

We will be able to verbally count to beyond 20, recognising the pattern of counting system.

We will explore and represent patterns within numbers up to 10, including even and odds, double facts and how quantities can be distributed equally.

#### Understanding the World

We will continue to explore the changing seasons and use our senses to explore the natural world around us.

We will compare and contrast characters from stories including Mae Jemison and Neil Armstrong.

We will know some similarities and differences between things in the past and now, drawing from the stories we will explore.

#### Expressive Arts & Design

We will explore the Artist Gaudi and explore the different techniques he used to inspire our own creations.

We will look at safely using a variety of materials, tools and techniques to create some Space/Alien Art.

We will continue our journey with music and movement by creating simple actions to songs and learning how to move to a beat.

We will continue exploring our body movements in response to the tempo and beat of the music.



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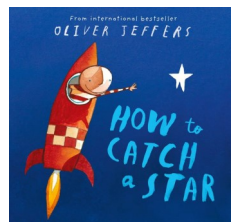
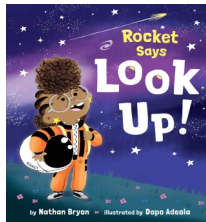
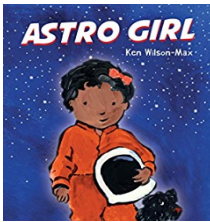


#### RE

We will be exploring a new topic called 'Good News' and spreading the Gospel message through the gift of the Holy Spirit. We would appreciate it if the children could bring in something to support them share their own Good News with the rest of the class during the first week back after Easter.

We will also be exploring another Faith 'Islam': our special objects and those of Muslim families.

#### Literacy Core Texts:



Nursery Rhymes/Songs— 5 Little men in a flying saucer, four little stars winking at me, One little, Two little, Three little planets and Twinkle, Twinkle

#### Phonics

We will continue to work through Phase 3 and begin to move onto Phase 4. The children will not be learning any new sounds in Phase 4 but will be working on the skills of blending and segmenting longer words.

#### Key Vocabulary

**Band**- an ensemble/group of musicians playing mostly woodwind, brass, and percussion instruments

**Orchestra** - a large group of musicians who play together on a variety of string, wind and percussion instruments.

**Rhythm**- A pattern of long and short sounds.

**Beat** - The heartbeat of the music.

**Conductor**- The leader of a musical ensemble. They direct the music.

The **universe** refers to everything physical in existence, from all celestial objects, matter, energy, galaxies, solar systems, etc. Whereas **space** refers to the empty void between all these things

**Explorers/Astronauts**- a person who is specially trained to travel into outer space- Neil Armstrong, Mae Jemison

**Planets** are large natural objects that orbit, or travel around, stars. Eight planets orbit the star called the Sun. In order from the closest to the Sun, these planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune

The **solar system** consists of the Sun and everything that orbits, or travels around, the Sun. This includes the eight planets and their moons, dwarf planets, and countless asteroids, comets, and other small, icy objects

Take away/subtract

Largest/smallest

Total

Universe

Aim

Target

Throw

Character

Question mark

Adjectives

Setting

**Mosaics** are made of tiny coloured pieces of stone, pottery, glass or other materials, arranged together and set in plaster or cement to make patterns and images.

#### Key dates for this half-term

##### **Term dates:**

Monday, 17th April—Friday, 26th May

##### **Bank Holidays:**

Monday 1st May and Monday 8th May

##### **Open Classroom Celebration:**

Wednesday, 17th May 3.30-5pm

##### **Walk to School Week:**

Monday, 15th —Friday, 19th May

##### **Whole School First Aid Day:**

Friday, 26th May

#### Let's try this at home

Look at and talk about changes in the environment during Summer, perhaps take a nice summer walk in the park or woods.

Maybe you could plant a seed and watch it grow. You could even keep a seed diary.

Focus on oral health and making good choices in relation to foods and drinks.