

**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**

**Gymnastics /Fundamental Skills**

Negotiate space and obstacles safely, with consideration for themselves and others.

Demonstrate strength, balance and coordination when playing.

Move energetically, such as running, jumping, dancing, hopping, balancing, skipping and climbing.

Hold a pencil effectively in preparation for fluent writing – using the tripod grip in almost all cases.

Developing throwing and catching

**Personal, Social and Emotional Development**

Set and work towards simple goals, being able to wait for what they want and control their immediate impulses when appropriate.

Give focused attention to what the teacher says, responding appropriately even when engaged in activity, and show an ability to follow instructions involving several ideas or actions.

Be confident to try new activities and show independence, resilience and perseverance in the face of challenge

Work and play cooperatively and take turns with others.

Form positive attachments to adults and friendships with peers.

Show sensitivity to their own and to others' needs

**Maths**

Building numbers to 20

Number bonds to 10

Odds and Evens

Doubles

Pairs

Adding and taking away

Exploring 2D and 3D shapes

**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.



## St. Anne's Catholic Primary School

### Reception Knowledge Organiser

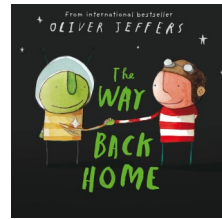
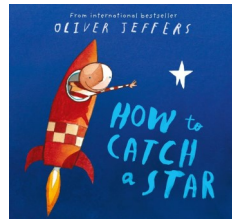
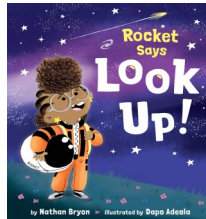
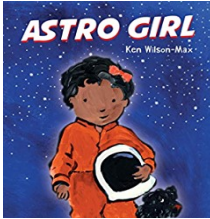
#### 'We are Scientists'



#### RE

We will be exploring our next branch in our new curriculum, 'To the ends of the Earth'. The pupils will learn about the festival of Pentecost and the coming of the Holy Spirit.

#### 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

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 15th April —Friday 24th May.

**Bank Holidays:** Monday 6th May.

**Walk to School Week:**

Monday 20th —Friday, 24th May

**PE Days**– Wednesday and Friday

**Homework**– Tuesday (Bug Club phonics and Maths shed)

#### 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.