

## Knowledge and Understanding of the World

### Myself and non living things - Forces

#### Activities will include:

**Book : The way back home** Identifying and sorting different forces and materials. Learning about the forces of gravity and friction. Investigating the effect materials have on the force of friction. Planning investigations based on a 'real life' problem. Learning about sun, moon, planets and stars

**Time & People-Year 1 & 2:Book- The Darkest Dark-** Space travel- rockets through the ages. Space exploration - Neil Armstrong, Tim Peake,  
**Skills:** - observing, describing, keeping records, collect and present information, comparing, information, expressing opinions

### Mathematical Development year 1 / 2 / 3

#### Activities will include:

Count, read and write numbers to at least 20 forming and orientating them correctly / to at least 100/ 1000

Compare and order numbers to at least 20 / 100/ 1000

Know some number bonds to 10 e.g. 7 +3, 8+2 / to 20/ 100

Use knowledge to add larger numbers

Recall and use 2,3,4, 5 and 10 multiplication tables/ 3/ 4 time

Count sets of objects by grouping in 2s, 5s or 10s

Count on from larger number when adding

Add and subtract 10/ 100

Use non-standard units to measure:weight / use standard

units kg or 10g / using 5g, 10g, 100g and temperature use

standard units / degrees/ reading above and below 0oc

Compare and sort 2D and 3D shapes and recognise

properties/ symmetry

Order and identify patterns

Find halves and quarters in practical situation and sets of objects

Use standard units of time to read 'o'clock' using both

analogue and 12-hour digital clock/ read 'half past', 'quarter

'past' and 'on an analogue clock, to the nearest minute

Use different combinations of coins to pay for items up to

20p , £1/ up to £2 and calculate change

Talk about things which make whole turns and half turns

Recognise half and quarter turns, either clockwise or anti-

clockwise , left and right Make and use right angle turns, and

use four compass points to describe directions

Present work orally, pictorially and in written form, moving on to more formal methods (Yr1&2)

bar charts and bar line graphs labelled in 2s, 5s and 10s

-pictograms where one symbol represents more than one unit

using a key

Weekly: Investigations

## Space

### Year 1 & 2

### Spring 2018



**Hook:** Discovering cosmic rocks

**ICT:** Data and Computational thinking:

*Problem solving and modelling* e.g. following and creating instructions, programming beebot on a space mission

## Language, Literacy and Communication

### Activities will include:

Daily Jolly Phonics/ handwriting / spelling carousel  
Shared reading on non fiction reports, poems related to space, instructions

Writing focus on instructions, report - information poster, story, poetry

Tricky words recognition

Individual reading/ guided reading

Pie Corbett story telling: How the world was made

Story mapping/writing activities linked to story telling

Story innovation and invention

Non fiction reports

Following and sequencing instructions

Oracy opportunities: sharing experiences

Develop increasing independence in written activities

Comprehension skills

Dictionary work

## Creative development

### Year 1 & 2: music

#### Activities will include:

Space related songs : David Bowie's Starman, 'The Planets' by Holst as a stimuli for drawing / painting

**Art-** Construction - focus on Luna buggy, 'The Planets' by Holst.

**Skills:** - explore, experimenting, planning, making choices, reflecting

## Physical Development

*Activities will include:* Dance sessions based on the story 'The way home,' and music 'The Planets' by Holst.

\*Link movements

\*Evaluate and improve

\*Develop partner, group and individual work

\*Learning Traditional Welsh dances

**Skills:** explore, experimenting, planning, making choices, reflecting

## Personal, Social Development, Well-Being and Cultural Diversity/ Religious Education

**Seal:** Getting on and falling out, It's good to be me

**R.E:** Bible stories - The Creation, Moses, David and Goliath,

Easter crafts & St. David's Day celebration

Chinese New Year- Role play in the home corner

**Activities will include:** Encouraging independent learners

Solving problems in groups/ partners/ individually and discuss outcomes. Encouraging them to feel safe and secure and feel that they are valued. Making healthy choices and learning about

personal safety e.g. **Internet safety, Healthy Breakfast week.**

**Skills:** identifying safety and healthy choices, communicating, reflecting

## Welsh Development



### Year 1& 2:

#### Activities will include:

Books: *Plo p yn gwdwir, Dfrig y ddraig*

Home, body part vocabulary.

Writing factual information on homes, description of appearances. Reinforcement of conversational language patterns

**skills:** speaking, listening, reading, writing