

Science: Materials

- Lesson 1:** To be able to describe materials according to their properties.
- Lesson 2:** To be able to describe why some materials suit certain objects better than others.
- Lesson 3:** To record our results and draw conclusions from our experiment
- Lesson 4:** To experiment and investigate by performing tests on different kinds of materials
- Lesson 5:** To investigate and explore scientific questions: What is the best material for...

PSHE
Dreams and Goals
How can new challenges stretch your learning?

Computing—E-Safety
Lesson 1: To understand 'Pop Ups and In App Purchasing'.
Lesson 2 : To learn about 'Age Appropriate Websites'.
Lesson 3 : To understand the meaning of 'Cyberbullying'.
Lesson 4: To investigate 'Unreliable Information' online.
Lesson 5 : To understand about 'Talking to Strangers Online'.
Lesson 6: To understand how people can pretend to be someone else online.

Religious Education:
Christianity
Was it always easy for Jesus to show friendship?

Outdoor Learning:
Alien crash site, looking for clues to find Beegu.
Science links looking at seasonal changes and weather.

PE Indoors
Our Bodies
Lesson 1— Passing different objects
To be able to pass different objects
Lesson 2—Rolling for targets
To be able to roll with accuracy
Lesson 3— Throwing for targets
To be able to throw with improved accuracy
Lesson 4—Kicking with accuracy
To be able to kick with increasing accuracy
Lesson 5—Hitting with accuracy
To be able to gain an experience of and play golf
Lesson 6 - Creating target games
To be able to create my own target games
Lesson 7 - Sports week
To take part in team games

PE Outdoors
Target Games
Lesson 1— Introduction to warming up
To be able to warm up before exercising
Lesson 2— Exercising with a partner
To be able to understand the meaning of stamina
Lesson 4— Circuit session
To be able to explain why it is important to exercise
Lesson 5— Playground games
To be able to play games that improve agility
Lesson 6— Playground games in teams
To be able to carry out different playground games that improve coordination
Lesson 7 - Eating healthier (Theory Lesson)
To be able to identify healthier food choices

DT - Making a moving model
Lesson 1: To explore a range of sliders to investigate how they move.
Lesson 2: To explore a range of levers to investigate how they move.
Lesson 3: To investigate different ways to make lever and slider mechanisms.
Lesson 4: To design my own space themed moving picture.
Lesson 5: To create my own space themed moving picture.
Lesson 6: To evaluate my own space themed moving picture.

History: Significant Events and People from History: Neil Armstrong and Tim Peake.
Lesson 1: To know how Neil Armstrong reached his goal of being an astronaut
Lesson 2: To understand what happened during Neil Armstrong's mission to the Moon
Lesson 3: To know why walking on the moon was so important
Lesson 4: To use sources to recognise how Neil Armstrong felt about walking on the moon
Lesson 5: To know who Tim Peake is and what he has done as an astronaut
Lesson 6: Historical Enquiry: To discuss and debate a historical question: How do Tim Peake and Neil Armstrong compare to each other?

- Experiences and Educational Visits:**
- Alien Crash Site (outdoor learning)
 - Alien Day

STEM Project:
How can I travel across the surface of the moon?
Maths Link: Measure—Lengths and heights.



Class Novel
Armstrong – Torben Kuhlman

Reading		
Week 1	Week 2	Week 3
I	V	V
Whatever Next LO: To make inferences from the text based on what is said and done in the book.	Space Train LO: To discuss word meanings and linking new meanings to words already known	Aliens love Underpants LO: To explain clearly their understanding of what is read to them. <i>Rhyming word focus</i>
Week 4	Week 5	Week 6
R	P / E	S
Beegu LO: To explain clearly their understanding of what is read to them.	The Man on the Moon – LO: To predict what might happen from what has been read so far	Field Trip to the Moon LO: To discuss the significance of the title and events

Music
Telford Arts Trust: The Big Sing

Writing					
Week 1 (4 day)	Week 2	Week 3 (4 day)	Week 4	Week 5	Week 6
Whatever Next To be able to write a postcard	Whatever Next To be able to sequence the story	Animal in space Fact Files To make my own fact file about animals in space	Beegu (Crash Scene) To write a recount of the crash scene using time conjunctions	Man on the moon advert (John Lewis) To write a letter to the man on the moon and ask him some questions	Field trip to the moon To re-write the ending of the story
Phonics a-e, e-e	Phonics i-e, o-e. u-e	Phonics Or, aw, au	Phonics ew (chew), ow (window)	Phonics Consolidate Split Digraphs	Phonics Alternative pronunciation C (s) – icy, December G – gum, cage, gent, germ Y – yes, very, by

Mathematics		
Week 1	Week 2	Week 3
Number and Place Value (Within 50) Knows the base 10 value of 2-digit numbers up to 50.	Number and Place Value (Within 50) Count to 50 in 1s and 10s. Maths link History—time	Number and Place Value (Within 50) Count to 50 in 1s and 5s.
Week 4	Week 5	Week 6
Addition and Subtraction (Within 20) Knows fact families (including number bonds) to 20.	Addition and Subtraction (Within 20) Knows the most efficient method for addition and subtraction. Maths Link: DT—length, measure	Addition and Subtraction (Within 20) - Knows how to count on to find totals to 20.