

STUNNING STARTER - A visit from Neil Armstrong! Whole year group gather for a big screen presentation of the moon landing in the hall.

SCIENCE CENTRE SCHOOL TRIP IN TERM 3 - SPACE SHOW

Maths

Compare numbers to 100 using $<$ $>$ $=$.

Writing words and numerals to 100.

HTU

Counting in 2s, 3s, 5s and 10s from 0 and backwards.

Inverse of addition and subtraction.

Solving missing numbers: $? + 6 = 10$, $10 - ? = 4$.

Compare lengths, mass, volume, capacity using $<$ $>$ $=$.

Money: £ and p, combination of coins, money problems.

Time: analogue- o'clock, half past, quarter past, quarter to.

To 5 minutes.

Sort 2D and 3D shapes.

Identify 2D shapes, lines of symmetry

Identify 3D shapes, edges, vertices, faces, nets.

Statistics: graphs in gradients of 1.

$\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ $1/3$ of a whole, $2/4 = \frac{1}{2}$, $\frac{1}{2}$ of 6 = 3.

Medium Term Plan

Autumn

Term 3

Neil Armstrong,
technology/Solar
System

Space

RE ()

Judiasm

I can recognise features
of another religion and
relate it to Christianity.

PE

Dance (Astronauts, Space)

To use a range of basic dance actions.

To use different levels, directions and speeds and choose appropriate actions for the dance idea.

To work cooperatively in pairs and three's to create a dance.

To understand and tell how it is important to be active.

(see PE scheme of work)

Computing

Researching historical events using ipads/netbooks

English /Literacy

Reading

To read words accurately

To understand text

Letters and Sounds Revisit phase 5 phonemes, Work within phase 6

Reading comprehensions based on Science Centre visit.

Daily guided reading sessions, fiction and non fiction FOCUS; direct speech

Weekly individual reading of own book.

Weekly visit to the school library as a class.

Writing

To write with a purpose

To use imaginative description

To organize writing appropriately

To use paragraphs

To use sentences appropriately

To present neatly

To spell correctly

To punctuate accurately

To analyse writing

To present writing

Core Text - 'Way Back Home' and 'The Sea of Tranquility.'

Genres/ coverage

Narrative (story planning and telling)

Report writing - non chronological and chronological

Diary writing

Book reviews / opinions

Labelling, list writing

Character description, imaginative

Writing a book report / review of the 'Sea of Tranquility'

Writing a Science Centre booklet with information about our trip. (non chronological report)

Writing a Neil Armstrong fact file and a space passport

Writing questions to ask Neil and Buzz

Writing imagining that they are Neil Armstrong landing on the moon. (diary entry)

Labelling space rockets and diagrams of the Solar System

History

To investigate and interpret the past

To build an overview of world history

To understand chronology

To communicate historically

Fact file and passport for Neil Armstrong (linked to English)
Writing as a historical person - diary entry as Neil Armstrong.
Writing a timeline, adding historical events including first man on the moon.
Links to art - 60's Pop Art

Art and Design / DT / expressive arts

To develop ideas, To master techniques, To take inspiration from the greats.

Paint planets

To describe the work of notable artists and take inspiration from them (Andy Warhol/Roy Lichtenstein).

To use ideas from other artists to create pieces i.e. Pop Art. (Children's face inside a space helmet - linked to computing)

To design, make, evaluate and improve, To take inspiration from design throughout history. (Make and design a moving space buggy)

To perform (music)

Singing expressively with control of pitch.

PSED

To not give up: To have an ambition, short term targets.

Reflect on how effort leads to success (link with Neil Armstrong).

To begin to push pass fear and learn from mistakes.

Science

To understand the Earth's movement in space (making a 3D model of the Earth orbiting the sun)

To investigate light and seeing (Science Centre trip)

To investigate sound and hearing (Light and sound room - Science Centre trip)

To understand electrical circuits

Using secondary sources to research work of scientists working in space.

To know light sources and know that darkness is the absence of light.

To identify sources of sound, identify sounds travel away from sources and that there is no sound in space.

To explore simple series of circuits in Electricity.

To understand that electricity can be produced from different sources i.e. solar panels.

Fabulous Finish - whole school assembly showcasing all our work. Classes to sing the 'Planets rap' and the 'Solar System' song.

<p>Week 1 (2 days) New Year Resolutions</p> <p>What I know about 'Space'.</p>	<p>Week 2 Introduce Neil Armstrong(factual writing / space pass port / information text about NA)</p> <p>Questioning of historical events and significant people.</p> <p>The Sea of tranquility Guided reading text for the term?</p> <p>Andy Warhol 4 astronaut pictures.</p>	<p>Week 3 Read non fiction texts about The Solar System. Descriptions about planets, information about planets. Riddles - what planet am I Art - large planets Solar System models / diagrams. Draw/sketch the solar system. Compare Mars/Earth</p>	<p>Week 4 Book focus "The Way Back Home." Talk for writing Story planning Change one part of the story. Children to retell the story adding in their 'new' feature. Space pictures - Roy Lichenstein, cartoon pictures. Earth Movement</p>
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<p>Week 5 The Man on the moon Character description /job advert</p> <p>Art Recreate a scene from the text.</p>	<p>Week 6 Trip to the Science Centre. Non chronological report of our trip. What did we do? What did we learn? Use of timelines: personal and technological.</p> <p>Electricity - circuits.</p>	<p>Week 7 Assessment Science Investigation NASA spacesuit challenge Letter to Tim Peake</p>	