



Wow Starter: Space Crash... in school grounds. We will be Police who investigate the scene!!

Final Event: KS1 presents SPACE...



UNDERSTANDING THE WORLD

Working scientifically KS1

- s2 asking simple questions and recognising that they can be answered in different ways
- s3 observing closely, using simple equipment
- s4 performing simple tests
- s7 gathering and recording data to help in answering questions.

Human and physical geography KS1

- g10 I know the names of the four seasons and the weather to expect in each one.

Core Skills across the Key Stage KS1

- h1 I can use common words and phrases related to the passing of time.
- h2 I can place objects, people and events into chronological order
- h6 I can identify key features of stories and events to help me to understanding their importance

Space crash, an UFO will land in the school grounds and the children will help the police with their investigations to work out what it could be. Who, what and why!

We are going to study a significant person (Neil Armstrong) we will look at the events and order these correctly. We will ask questions based on these events and discover their importance.

We will be learning all about space, the planets, the sun, stars and the moon.

We will investigate and predict through a range of science experiments. We will talk about fair testing and how we can record our results.

At the beginning of our topic we will write reports based on what we find in the school grounds.

In English we will be reading Toys in Space, we will be looking at the characters within the book. How the author has written the book to create atmosphere and effect.

After reading and exploring the book, they children will retell the story through drama, hot seating and using puppets. The children will then write their own stories based on this theme.

Throughout English the children will be learning to extend their writing by using adjectives, conjunctions, different sentence starters. We will be looking at how the writing is set out using paragraphs.

In RE we will look at new beginnings. We will think about the following questions:
Is it important to celebrate the New Year?
Are religious celebrations important to people?
Is God important to everyone?

We will discuss these in circle times and we will learn about different celebrations and what we can learn from them.

Out There!!!
(Robins)

Through our Space topic we will be learning to programme a Bee-Bot and some apps on iPad using different directions and instructions.

We will have to use our mathematical knowledge when counting the correct spaces for the journey needed.

In maths the children will continue to use place value to describe and partition numbers. They will count forward and backwards in different steps.

We will be using counters, number lines and expanded column method when adding and subtraction numbers.

We will use mathematical language when describing turns, for example 1/2 turn, 1/4 turn, 3/4 turn.

We will present data from our topic in tables and graphs. We will then ask questions about the data.

We will continue to learn a range of different techniques, we will use black paper to create space and universe art.

We will make models of the planets and look at how we can make different textures.

We will design and make different covers for our Bee-Bots, ready for their space mission.

In Games we will be learning to control a ball, using different sizes of equipment. We will focus on:
Moving to receive a ball
Returning a ball
Take part in team supporting games.

In dance we will use music to change our expressions, and how it can alter our feelings and emotions.

MATHEMATICS AND COMPUTING

Number - number and place value KS1

- m32 count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- m33 recognise the place value of each digit in a two-digit number (tens, ones)
- m34 identify, represent and estimate numbers using different representations, including the number line
- m36 read and write numbers to at least 100 in numerals and in words
- m37 use place value and number facts to solve problems.

Number - addition and subtraction KS1

- m38 solve problems with addition and subtraction
- m39 using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- m40 applying their increasing knowledge of mental and written methods
- m41 recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

• m42 add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

- m43 a two-digit number and ones
- m44 a two-digit number and tens
- m45 two-digit numbers
- m46 adding three one-digit numbers
- m47 show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- m48 recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Measurement KS1

- m56 compare and order lengths, mass, volume/capacity and record the results using >, < and =

Geometry - position and direction KS1

- m67 order and arrange combinations of mathematical objects in patterns and sequences
- m68 use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

Statistics KS1

- m69 interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- m71 ask and answer questions about totalling and comparing categorical data:
- m72 know the number of seconds in a minute and the number of days in each month, year and leap year
- m73 compare durations of events (for example to calculate the time taken by particular events or tasks).

KS1

- co1 I know that an algorithm is an instruction in a computer program
- co2 I know that programs control digital toys
- co3 I know that programmable toys can only understand the program language and can only do what the programs tells them to do
- co4 I can write a simple computer program
- co5 I can find and correct a problem in my program
- co6 I can predict what will happen by 'reading' a program
- co7 I can use a variety of technologies to create and save my work
- co11 I know how to use equipment safely and respectfully
- co12 I understand what 'personal information' is and why it must be kept private
- co13 I know what to do if I am worried about anything when I am using the internet

LITERACY

Reading - word reading KS1

- e61 continue to apply phonic knowledge and skills as the route to decode words until automatic decoding has become embedded and reading is fluent
- e62 read accurately by blending the sounds in words that contain the graphemes taught so far, especially recognising alternative sounds for graphemes
- e63 read accurately words of two or more syllables that contain the some graphemes as above
- e64 read words containing common suffixes
- e65 read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word
- e66 read most words quickly and accurately, without overt sounding and blending, when they have been frequently encountered
- e67 read aloud books closely matched to their improving phonic knowledge, sounding out unfamiliar words accurately, automatically and without undue hesitation
- e68 re-read these books to build up their fluency and confidence in word reading.

Reading - comprehension KS1

- e74 recognising simple recurring literary language in stories and poetry
- e85 explain and discuss their understanding of books, poems and other material, both those that they listen to and those that they read for themselves.

Writing - transcription - Spelling KS1

- e87 learning new ways of spelling phonemes for which one or more spellings are already known, and learn some words with each spelling, including a few common homophones
- e88 learning to spell common exception words
- e89 learning to spell more words with contracted forms
- e90 learning the possessive apostrophe (singular) [for example, the girl's book]
- e91 distinguishing between homophones and near-homophones

Writing - handwriting KS1

- e95 form lower-case letters of the correct size relative to one another
- e96 start using some of the diagonal and horizontal strokes needed to join letters and understand which letters, when adjacent to one another, are best left unjoined

Writing - composition KS1

- e99 develop positive attitudes towards and stamina for writing by:
- e100 writing narratives about personal experiences and those of others (real and fictional)
- e101 writing about real events
- e102 writing poetry
- e103 writing for different purposes
- e104 consider what they are going to write before beginning by:
- e108 make simple additions, revisions and connections to their own writing by:
- e111 proof-reading to check for errors in spelling, grammar and punctuation [for example, ends of sentences punctuated correctly]
- e112 read aloud what they have written with appropriate intonation to make the meaning clear.

Writing - vocabulary, grammar and punctuation KS1

- e113 develop their understanding of the concepts set out in English Appendix 2 by:
- e116 sentences with different forms: statement, question, exclamation, command
- e117 expanded noun phrases to describe and specify [for example, the blue butterfly]
- e118 the present and past tenses correctly and consistently including the progressive form
- e120 the grammar for year 2 in English Appendix 2
- e121 some features of written Standard English
- e122 use and understand the grammatical terminology in English Appendix 2 in discussing their writing.

PSED & RELIGIOUS EDUCATION

OS KS1

- I can say how people show what they believe in different religions (OS)
- Af1 I can find some things that are different and are the same about the religions and beliefs I have learnt about. (OS)
- Af2I can name some other ways that people express their beliefs and feelings (OS)
- Af2 I know that some questions about life are difficult to answer (OS)

- pr21 Identify and respect the differences and similarities between people.

RE - Learning From Religion KS1

- rf18 Identify what matters to them and others including those with religious commitments.
- rf20 Recognise that religious teachings and ideas make a difference to individuals, families and the local community.

OUTDOOR LEARNING

Looking at seasonal change in the school environment.