

Writing / Reading

Book: The Story Machine

A boy finds a typewriter and doesn't know what it does. He finds writing challenging but uses the letters to make pictures using the typewriter.

- **Instructions**
- **Explanation**
- **Setting description**

Was this boy a trendsetter?

Art:

Typewriter art:

James Cook and how he was a pioneer.

Pioneers

Can I be a trendsetter?

Science Week

20th May – 25th May

- Who is/was a pioneer in the field of science?
- Links to our topic and knowledge of prosthetics.
- Inventors and what they created

Summer 1

Maths

Fractions

- Parts and wholes
- Equal parts
- Half
- Quarter
- Third
- Whole
- Unit fractions
- Non-unit fractions
- Equivalent fractions – half
- Three-quarters
- Count fractions

Mass and capacity

- Compare mass
- Measure grams
- Measure kilograms
- Four operations with mass
- Compare volume and capacity
- Measure millilitres
- Measure litres
- Four operations with volume and capacity
- Temperature

Length and Height

- Measure in centimetres
- Measure in metres
- Compare length and height
- Four operations with length and height

Following the White Rose scheme of learning.

Writing

The Story Machine

Setting description:

- Using er and est
- Expanded noun phrases
- Apostrophes for contraction

Instructions

- How to make a magical or real machine work
 - Command sentences
 - Verbs
 - Adverbs

Explanation

- How a typist uses a typewriter
 - Using the conjunction 'or'
 - Statement sentences
 - Exclamation sentences

Reading

The Story Machine

Word reading:

- Read accurately words of two or more syllables that contain the same graphemes as above
- Read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word
- Read aloud books closely matched to their improving phonic knowledge, sounding out unfamiliar words accurately, automatically and without undue hesitation

Comprehension:

- Recognise simple recurring literary language in stories and poetry
- Discuss and clarify the meanings of words, linking new meanings to known vocabulary
- Build up a repertoire of poems learnt by heart, appreciating these and reciting some, with appropriate intonation to make the meaning clear
- Explain and discuss their understanding of books, poems and other material, both those that they listen to and those that they read for themselves.

VIPERS reading scheme:

- Vocabulary
- Infer
- Predict
- Explain
- Retrieve
- Sequence

Science

Scientist and Inventors:

Scientists and Inventors

Year 2

Key People

Tim Smit	Tim Smit had the idea to build the Eden Project .
Nicholas Grimshaw	Nicholas Grimshaw designed the biomes for the Eden Project .
Jane Colden	Jane Colden was a botanist . She is thought to be America's first woman botanist .
Elizabeth Garrett Anderson	Elizabeth was the first woman to qualify as a doctor . She qualified in 1865.
Louis Pasteur	Louis Pasteur discovered that germs are living things that can be spread by touch or through the air.
Charles Macintosh	Charles Macintosh invented the first waterproof fabric.
Rachel Carson	Rachel Carson was a scientist who studied ocean habitats. She discovered that pollution from farms was affecting the oceans and the animals in them.
James Blyth	James Blyth invented the wind turbine in 1887. He used it to power the lights in his holiday home.



To look at all the planning resources linked to the Scientists and Inventors unit, [click here](#).

Art

Artist:

James Cook typewriter artist

Lines and Marks

- Draw lines and marks from observations

Shape

- Observe and draw shapes from observations
- Draw shapes in-between objects
- Invent new shapes

Tone

- Investigate tone by drawing light / dark lines, light or dark patterns, light or dark shapes



RE

Showing kindness and being good:

What makes a person good?

Who do believers think is good?

How do believers know how to be good?

How can you be good?

Christian text:

Zacchaeus & The Prodigal son

Islamic Link:

The story of Muhammad



Computing

Robot Algorithms:

- Giving instructions
- Same but different
- Making predictions
- Mats and routes
- Algorithm and design
- Debugging

PSHE

Happy and healthy me:

- To understand and respect that boys and girls can be different
- To understand and respect the range of families in society today
- To understand and respect racial diversity in Britain today



Music



Impersonation

Explore improvisation a bit further in this unit. Perhaps use two or three notes and have a go playing or singing on your own. Explore and have fun!

Social Question: How Does Music Make Us Happy?

PE

Swimming



DT

Create a prosthetic

- Use levers or slides
- Begin to understand how to use wheels and axles

History

Pioneers

- I can use artefacts, online sources and databases to explain significant events of the past.
- I can prove or disprove a given hypothesis using 1 source.
- I can evaluate the effectiveness of a source.
- I can describe the differences between then and now.
- I can explain and sequence the main events from a significant event in history.
- I can describe the past, using key words and phrases to refer to chronology, including: before, after, past, present, then, older, newer.
- I can compare and contrast photographs of people or events and other sources to identify differences in the ways of life.
- I can evaluate the effectiveness of a source.
- I can reflect on how life has changed since a period studied to now.
- I can identify and describe the different ways the past is represented.