

Year 3: Knowledge Organiser: Summer Term: The Natural World

The Big Finish: To complete our learning during the Summer term-we will be having our very own Egyptian Day.



Quick teaser

Can you name any

Egyptian gods?

and add to Seesaw







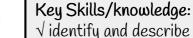












Science: Plants

 $\sqrt{\text{identify}}$ and describe the functions of different parts of a flowering plant

√ explore the requirements of plant life and growth

 $\sqrt{\text{investigate the way in which water is transported within}}$

 $\sqrt{\text{explore}}$ the part that flowers play in the lifecycle of flowering plants including pollination, seed formation and seed dispersal

Key Vocabulary: Plant, germinate, photosynthesis, pollination, animal dispersal, water dispersal, wind dispersal, capillary action pollen, roots, stem, trunk, leaves, absorb, nutrients, reproduce, germination, stamen, style

Key Book this term:

Gvided Reading: Flat Stanley - The Great Egyptian Grave Robbery

Key Skills/knowledge:

- $\sqrt{\text{make predictions the meanings about a text}}$
- $\sqrt{\text{look}}$ at the meaning of new vocabulary the author has used
- $\sqrt{\text{retrieve information from a text-}}$ be detectives and find the answers in the writing
- √ answer inference questions, where we have to make our own decisions about what the author is trying to tell us

Key Vocabulary: predict, summarise, infer, stowaway, calamity



Can you name the different parts of a plant?

History: The Ancient Egyptians Key Skills/knowledge:

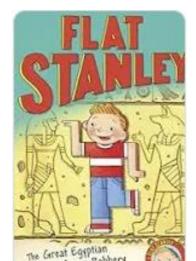
- $\sqrt{}$ To identify reasons why the Ancient Egyptians are considered a successful civilisation
- √ To understand the types of evidence that can be used to reach conclusions about Ancient Egyptian
- √ To understand how different groups of people contributed to Ancient Egyptian achievements
- $ec{ec{ec{ec{ec{ec{vert}}}}}$ To be able to reach conclusions about the Ancient Egyptian people through studying the pyramids
- √ To understand Ancient Egyptian beliefs about creation and the afterlife

Key Vocabulary:

Ancient, civilisation, fertile, shaduf, irrigation, achievement, hieroglyph, archaeologists, cartouche, antiquities, scribes, society, seals, sarcophagus, excavation, inscription, papyrus,

mummification, role, achievement, hierarchy, priest, farmer, agriculture, scribe, pharaoh, archaeobotanical,

pyramid, engineering, technology, stonemason, ramp, construction, lever, sphinx, creation, mummification, canopic jar, shabti, time capsule



Geography: Coasts

Key Skills/knowledge:

 $\sqrt{}$ to discover how much the we know about and have experienced the seaside and locate coastal places on a map

√to introduce a region of the UK and discover how varied its coastline is

 $\sqrt{}$ to describe, compare and contrast natural features at the coast, using appropriate geographical vocabulary

√ to introduce family and economic activities that occur around the coast of the UK and use geographical vocabulary to describe built coastal features

Key Vocabulary:

Sea, waves, seaside, coast, coastline, strandline, compass point, beach, sand, dune, rocks, cliff, location, holiday, resort, tourist, tourism, industry, fishing, harbour, physical feature, human features



What are these Egyptian artefacts?

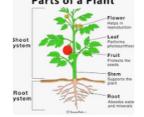




Try at home

Let's think like scientists What are the different functions of parts of a plant?





PSHE/RSE:

Jigsaw: Relationships

Family, friendships and being a global citizen

Key Vocabulary:

Men, women, male, female, unisex, role, job, responsibilities, similarities, differences, respect, stereotype

Jigsaw: Changing Me

Babies and how they grow, body changes

- inside and outside the body

Key Vocabulary:

Baby, grow, uterus, womb, nutrients, survive, love, affection, care, change, puberty, control, breasts, testicles, sperm, penis, ovaries, egg, ovum/ova, vagina

Science: Light

Key Skills/knowledge:

- $\sqrt{}$ recognise we need light in order to see things and that dark is the absence of light
- √ liaht is reflected from surfaces
- $ec{ert}$ recognise that light from the sun can be dangerous and that there are ways to protect your eyes
- $ec{ec{ec{ec{ec{ec{ec{ec{vert}}}}}}}$ recognise that shadows are formed when light from a source is blocked by an opaque object
- √ find patterns in the way that the shadows change

Key Vocabulary: Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous

Computing: Desktop Publishing

Key Skills/knowledge:

- √ To recognise how text and images communicate information
- √ To choose appropriate page settings
- √ To consider the benefits of desktop publishing

Key Vocabulary: desktop publishing, Landscape, portrait, orientation, placeholder, template, layout, content, Text, images, advantages, disadvantages, communicate

Programming B

Key Skills/knowledge:

- √ To explain how a sprite moves in an existing project
- $\sqrt{}$ To adapt a program to a new context
- √ To design and create a maze-based challenge

Key Vocabulary: Motion, event, sprite, algorithm, logic, Extension block, pen up, set up, Design, code, setup, test, debug, actions

Physical Education: Athletics

Key Skills/knowledge:

- √ Identify & demonstrate how different techniques can affect performance.
- √ Focus on their arm and leg action.
- $\sqrt{}$ Begin to combine running with jumping over hurdles.
- √ Throw with greater control and accuracy.
- $\sqrt{\text{Show}}$ increasing control in their overarm throw.
- $\sqrt{\text{Perform a push throw.}}$
- √ Perform learnt skills and techniques with control and confidence.
- √ Compete against self and others in a controlled manner

Religious Education: Christians

Key Skills/knowledge:

- √ describe how Christians from different places believe Jesus is king and want to follow his way of life
- √ describe different ways that Christians show their belief in Jesus as king through songs and various art forms
- √ describe how Christians pray for God's kingdom to come in different ways

Key Vocabulary: Kingdom, God, Jesus

Religious Education: Humanists

Key Skills/knowledge:

- √ talk about is everyone part of a religion
- $\sqrt{}$ describe how humanists believe empathy helps us make good decisions
- √ discuss how stories help humanists think about the Golden Rule Key Vocabulary: Humanists, good decisions, empathy, religion

French: La familie and Bon

anniversaire!

Key Skills/knowledge:

- √ identify members of the family
- $\sqrt{\text{the alphabet}}$
- √ household items
- $\sqrt{\text{recognise}}$ and ask for various snacks
- $\sqrt{\text{numbers } 21-31}$
- √ months of the year

Listen to and sing along to Good Times by Chic

https://www.youtube.c om/watch?v=Er9xGRol rT4

Time: We will be focusing on Roman numerals from 1 to 12

5 minutes and 2 minute. The children will also be looking at

in relation to the clock face as well as telling the time to

start and finish times to calculate the duration of time.

What number is represented by this Roman numeral?

Mathematics:

practical contexts



Fractions:

We will be building on the knowledge the children have acquired in adding and subtracting fractions. They will be deepening their understanding of partitioning the whole and using problem solving and reasoning skills to find unit fractions of a set of objects.

Shape:

In this unit, the children will be looking different turns and angles including right angles. They will be thinking about the lines of horizontal, vertical, parallel and perpendicular.

Statistics:

The children will be investigating different ways of collating information with the use of a variety of charts, tables and pictograms.

Art and Design Technology: **Money:** The children will be adding and subtracting amounts of money to give change, using both £ and ρ in

We will be looking at African prints, monoprints, press print relief blocks and collagraphs in this term's unit of printing.

Key Vocabulary:

Starting point, Explore, Design, Textiles, Scratching, Pressure, Progress, Adapt, Modify Press print, Indented and firmly

Designing a dip

We will choosing our own ingredients to make a healthy dip

Key vocabulary:

designing e.g. texture, taste, appearance, healthy, preference, criteria, cost, questionnaire, data. · making e.g. cut, mix, slice, blend, grate, chop, chopping board, knife, grater, squeezer. · knowledge and understanding e.g. dip, ingredients, fridge, food groups, hygiene, high risk, healthy eating, 'eatwell plate', thick, thin - sensory e.g. sweet, sour, bitter, salty.

<u>Music</u>: Bringing us together by Joanna Mangona and Pete Readman (about friendship) peace, hope and unity .

Keu Skills/knowledge:

- $\sqrt{\text{Find the pulse when listening to music}}$
- √ Clap to a rhythm
- √ Sing in two-parts
- $\sqrt{\text{Will}}$ be able to play on the recorder notes: C, G, A

Key Vocabulary: Keyboard, drums, bass, imagination, improvise, compose, disco, pentatonic scale, pulse, rhythm, pitch, tempo, dynamics, texture, structure, hook, riff, melody. What fraction of this shape is shaded?





English Writing

Story writing looking at Flat Stanley Information writing Poetry and poems



Money-pounds, pence, same,

Time-minutes, hours, duration,

numerator, denominator, equal,

Statistics - chart, bar, graph, pictogram

Shape- angle, turn, right angle,

horizontal, vertical, parallel,

Fractions - unit fractions,

different

whole

perpendicular

past, to, am and pm

Improving our writing:

- √ Using conjunctions
- √ Using adjectives and adverbs
- √ Editing and improving

The Big Finish: To write our own Flat Stanley adventure story for another child and make into a book



Can you write some sentences using conjunctions - if, since, as, when, although, while, after, before, until, because

Spag: Using and understanding the terminology-

- Noun- a word that represents a person, thing, concept, or place
 - Verb- a word used to describe an action, state, or
- Adverb-a word that modifies (describes) a verb (he sings) loudly), an adjective (very tall), another adverb (ended too quickly), or even a whole sentence (Fortunately, I had brought an umbrella).
- Adjective— a word that describes a noun or noun phrase for example, red, sweet
- · Subordinate conjunctions linking a main clause (one that makes sense on it's own) to a subordinate clause (one that does not make sense on its own e.g. (The chicks played a game while their mother was sleeping)
- Past and present tense- The present represents actions happening now, while the past represents actions that happened earlier using present perfect and simple past

English: SPaG

This term we will focus on the following spelling rules, use of punctuation and grammar rules

- √ correct use of nouns and pronouns
- √ understanding the use of consonant and vowels using a or an correctly
- $\sqrt{\text{use of time conjunctions}}$ first, then,
- √words ending in -ous and -ious
- √use of paragraphs to group sentences
- $\sqrt{\text{use of correct homophones}}$

Play & learn spelling patterns using fun games

about the same idea

https://www.spellingplay.co.uk/interactive-resources

