



Nanpean Primary School

Year 3 Class Karslake



	<p>Local Links:</p> <p>The Royal Cornwall Museum Imerys</p>
	<p>Aspirations:</p> <p>Geologist Mineralogist</p>
	<p>Trips/Real-life Experiences:</p> <p>Visit: The Royal Cornwall Museum (Autumn Term trip - Stone Age Workshop) Visit: Imerys train in Nanpean Visitor: Outreach talk</p>
	<p>Showcase Week:</p> <p>Rock sculptures</p>

English:

Writing Genres:

- Recount: Diary and a persuasive advert– Jack and the Baked Beanstalk

Punctuation and Grammar:

- Apostrophes for possession
- Apostrophes for omission
- Past tense
- First person
- Facts and opinions
- Rhetorical questions
- Coordinating conjunctions
- Subordinating conjunctions
- Adverbials of time
- Adverbials of place
- Expanded noun phrases

Spelling:

- Y3 common exception words
- Words ending in 'ing'
- Words ending in 'en'
- Words ending in 'ed'
- Ou – u sound



PE:

Football Unit 1

Unit focus: Show basic control skills. Send the ball with some accuracy to maintain possession and build attacking play. Implement the basic rules of football.

Basketball Unit 1

Unit focus: Perform some basic basketball skills, throwing, catching and dribbling. Build attacking/offensive play. Implement some basic rules of basketball.

Hockey Unit 1

Unit focus: Play in hockey-type invasion game. Improve game-based agility. Manipulate objects, stick and ball with safety and control.

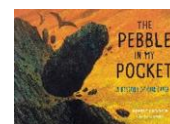
OAA Unit 1

Unit focus: Work with others to solve problems. Describe their work and use different strategies to solve problems. Lead others and be led. Differentiate between when a task is competitive and when it is collaborative.



Reading Key Texts:

- Jack and the Baked Bean Stalk by Colin Stimpson
- The Pebble in my Pocket by Meredith Hooper



Geography:

United Kingdom: Minerals

Human geography: distribution of minerals

Locational Knowledge: land-use patterns and change over time

Key Knowledge:

Describe and understand key aspects of human geography, including: the distribution of natural resources including minerals. Name and locate key topographical features of the UK (including coasts).

Key Skills:

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. Use the eight points of a compass, six figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

Fieldwork Opportunity:

Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

Design Technology:

Digital world: Electronic charm

Key Skills:

Problem solve by suggesting potential features on a microbit and justify ideas. Develop design ideas for a technology pouch. Draw and manipulate 2D shapes, using computer aided design, to produce a point of sale badge. Use a template when cutting and assembling the pouch. Follow a list of design requirements. Select and use the appropriate tools and equipment for cutting, joining, shaping and decorating a foam pouch. Apply functional features such as using foam to create soft buttons. Analyse and evaluate an existing product. Identify the key features of a pouch.

Maths

Number: Multiplication and division B

- Multiples of 10
- Related calculations
- Reasoning about multiplication
- Multiply a 2-digit number by a 1-digit number – no exchange
- Multiply a 2-digit number by a – digit number – with exchange
- Divide a 2-digit number by a 1-digit number – no exchange
- Divide a 2-digit number by a 1-digit number – flexible partitioning
- Divide a 2-digit number by a 1-digit number – with remainders
- Scaling

Number: Fractions

- Understand the denominators of unit fractions
- Compare and order unit fractions
- Understand the numerators of non-unit fractions
- Understand the whole
- Compare and order non-unit fractions
- Fractions and scale
- Fractions on a number line
- Count in fractions on a number line
- Equivalent fractions on a number line
- Equivalent fractions as bar models

Measurement : Length and perimeter

- Measure in metres and centimetres
- Measure in millimetres
- Equivalent lengths
- Compare lengths
- Add lengths
- Subtract lengths
- What is perimeter?
- Measure perimeter
- Calculate perimeter

Measurement: Mass and capacity

- Use scales
- Measure mass in grams
- Measure mass in kilograms and grams
- Equivalent masses (kilograms and grams)
- Compare mass
- Add and subtract mass
- Measure capacity and volume in litres and millilitres
- Equivalent capacities and volumes (litres and millilitres)
- Compare capacity and volume
- Add and subtract capacity and volume



RE:



UNIT L2.12 How and why do people try and make the world a better place?



Key Knowledge:

- Identify some beliefs about why the world is not always a good place (E.G. Christian ideas of sin)
- Make links between religious beliefs and teachings and why people try to live and make the world a better place
- Make simple links between teaching about how to live and ways in which people try to make the world a better place
- Describe some examples of how people try to love
- Identify some differences in how people put their beliefs into action
- Raise questions and suggest answers about why the world is not always a good place, and what are the best ways of making it better
- Make links between some commands for living from religious traditions, non-religious worldview and pupils' own ideas.
- Express their own ideas about the best ways to make the world a better place, making links with religious ideas studied, giving good reasons for their views.

UNIT L2. 5 Why do Christians call the day Jesus dies 'Good Friday'? (salvation)

Key Knowledge:

- Recognise the world 'Salvation', and that Christians believe Jesus came to 'save' or 'rescue' people, e.g. by showing them how to live
- Offer informed suggestions about what the events of Holy Week mean to Christians
- Give examples of what Christians say about the importance of the events of Holy Week
- Make simple links between the Gospel accounts and how Christians mark the Easter events in their communities
- Describe how Christians show their beliefs about Jesus in worship in different ways
- Raise thoughtful questions and suggest some answers about why Christians call the day Jesus died 'Good Friday', giving good reasons for their suggestions

Science:

Rocks

Key Knowledge:

- Compare and group together different kinds of rocks based on their appearance and simple physical properties.
- Describe how fossils are formed when things that have lived are trapped between rock.
- Recognise that soils are made from rock and organic matter.
- Describe the rock cycle
- Identify the properties of igneous rock, sedimentary rock, metamorphic rock and human made rocks (anthropic rocks)
- Understand the role of Mary Anning
- Describe the process of fossilisation
- **Working Scientifically:**
- Use different types of scientific enquiry to answer questions they ask
- Making systematic and careful observations
- Use results to draw simple conclusions, make predictions
- Gather, record, classify and present data in a variety of data
- Identify differences, similarities or changes
- Report on findings from enquires including oral and written explanations.
- Use straightforward scientific evidence to answer questions or to support their findings.



Art:

Sculpture and 3D: Abstract shape and space

Key Artists:

Anthony Caro and Ruth Asawa

Key Skills

Explore how shapes and negative spaces can be represented by three dimensional forms. Manipulate a range of materials, children learn ways to join and create free standing structures inspired by the work of Anthony Caro and Ruth Asawa.



Music:

Three little birds (Reggae)

Key Knowledge and Skills

Able to identify and demonstrate the pulse. Able to identify the difference between pulse and rhythm. Understand how pulse, rhythm and pitch work together to create a song. Understand that every piece of music has a pulse/steady beat. Understand the difference between a musical question and an answer. Understand the features of reggae music. Use the notes C, D and E to create a tune.

The dragon song (Music from around the world)

Key Knowledge and Skills

Able to identify and demonstrate the pulse. Able to identify the difference between pulse and rhythm. Understand how pulse, rhythm and pitch work together to create a song. Understand that every piece of music has a pulse/steady beat. Understand the difference between a musical question and an answer.



Computing:

Systems and Networks 2: Emailing Internet safety week (online safety)

Key Knowledge and Skills:

- Learn to log in and out of an email account.
- Write an email including a subject, to and from.
- Send an email with an attachment.
- Reply to an email.
- Understand the purpose of emails.
- Learn about cyberbullying
- Learn that not all emails are genuine, recognising when an email might be fake and what to do about it.
- Understand that email stands for 'electronic mail'.
- Know that an attachment is an extra file added to an email
- Understand that emails should contain appropriate and respectful content.

Systems and Networks 3: Journey inside a computer

Key Knowledge and Skills:

- Understand what the different components of a computer do and how they work together
- Draw comparisons across different types of computers
- Use decomposition to explain the parts of a laptop
- Explain the purpose of an algorithm.
- Know the roles that inputs and outputs play on computers
- Know what a tablet is and how it is different from a laptop/desktop computer.



PSHE:

Problem solving & Time Management

Self-worth

Personal Hygiene

My Body, Your Body

Vaccinations & Disease

Sun Safety

