

Spanish - Los Vikingos Theme Explorers Year Group 6 عنومآ The vocabulary to describe height and sound in: To use a range of adjectives to make character. sentences longer, more complex and barba interesting. Understanding agreement. · bajo

sound in: cultivo

sound in: rizado

Accents indicate the vowel is accents stressed. As seen in the word bárbara.

ñ tilde

This changes the 'n' to a 'ny' sound like in the English word 'onion'. As in the Spanish word castaño.



Soy alto. Soy alta. I am tall. Soy bajo. Soy baja. I am short/small. I am short/small.

Consolidate knowledge of the two high frequency irregular verbs 'ser' (to be) and 'tener' (to have). First in 1st person but also whole verb conjugation.

SOY

Lam

tengo

I have

Prior Knowledge

- I know the essential things plants and animals need to survive in Spanish,
- I know 5 key habitats around the world in Spanish.
- I can use the verb 'crecer' (to grow) to express which plants grow in these
- I can use the verb 'vivir' (to live) to express which animals live in these habitats.

Key Objectives

- 1. I will learn how to decode unfamiliar and more complex language by my knowledge of cognates and
- 2. I will learn how to describe myself and others physically in terms of height and character using the verb 'ser' (to be).
- 3. I will learn how to describe myself and others physically in terms of hair colour and type using the verb
- 4. I will learn how to describe myself by eye colour using the verb 'tener' (to have).
- 5. I will learn how to describe a Viking's typical daily routine using time phrases.



Topic Music – Theme and Variations (Pop Art)

Theme Explorers

Year Group

6

Prior Knowledge

- I know that a film soundtrack includes the background music and any songs in a film.
- I understand that 'major' key signatures use note pitches that sound cheerful and upbeat
- I understand that 'minor' key signatures use note pitches that can suggest sadness and tension.
- I know that 'graphic notation' means writing music down using your choice of pictures or symbols but 'staff notation' means music written more formally on the special lines called 'staves'.

Musical form: Theme and variations

Theme and variations is a common musical structure, especially in classical music. The structure features a theme at the start of the piece, then once the theme has been played, the composer repeats it but with some form of variation. The theme is then played again but this time with a further variation.

Vocabulary

Pon Art

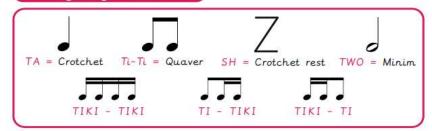
An art movement from the 1950s where artists focused on common objects (comic books, tins of soup, teacups) and showed them in bold, bright colours.



them in bo	ld, bright colours.
Pulse	Pulse is a steady beat - the heartbeat of the music.
Notation	Written symbols to represent music.
Diaphragm	A dome shaped muscle beneath our lungs, which we use to control our breath when singing.
Melody	Notes of different pitches played in a sequence in order to create a tune.
Phrase	A short musical passage that makes sense on its own.
Rhythm	The pattern of long and short notes in music.
3/4 time	Commonly called 'waltz time' and only has 3 beats per bar.
4/4 time	Known as 'common time' and has 4 beats per bar.



Kodaly rhythm names



Percussion - Instruments that are played by striking, beating

or shaking the instrument.



DT - Steady Hand Games Explorers Year Group Theme 6 Topic Intended Outcomes

Prior Knowledge

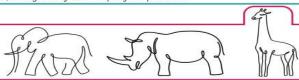
- I know that, in a series circuit, electricity only flows in one direction.
- I know when there is a break in a series circuit, all components turn off.
- I know that an electric motor converts electrical energy into rotational movement, causing the motor's axle to spin.
- I know a motorised product is one which uses a motor to function.

Electrical Systems - Steady hand game

Backboard	A background designed for the steady hand game.
Battery	A cell or connected group of cells which store electrical energy.
Bulb	A component which gives light when electricity passes through it.
Buzzer	A component which makes a loud noise as electricity passes through.
Circuit	A collection of components which make an electrical system.
Conductor	A material that allows electricity to flow through it. e.g. metal.
Copper	A metal material that is one of the best conductors of heat and electricity. It is often used to make wires and pipes.
Function	How an object or product operates or works.
Insulator	A material that does not allow electricity to flow through it. e.g. plastic.
LED	A light emitting diode which lights up as electricity passes through.
Magnetic field	The area around a magnet where there is magnetic force.
Net	A 2D flat shape, that can become a 3D shape once assembled.
Pliers	A metal tool used for holding, twisting or cutting wire.
Prototype	A simple model that lets you test out your idea, how it will look and work.
Series circuit	A closed circuit where the current only follows one path.
Side view drawing	An engineering diagram which shows the dimensions (width, depth, length) of the side (left or right) of a product.
Switch	A component which opens and closes to turn the circuit on or off.
Side view drawing	An engineering diagram which shows the dimensions (width, depth, length) of the side (left or right) of a product.
Test	To find out whether something works as it should.
Top view drawing	An engineering diagram which shows the dimensions (width, depth, length) of the top of a product.

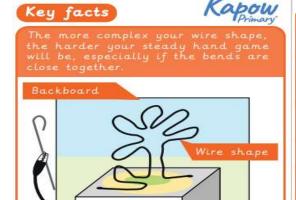
Check it out!

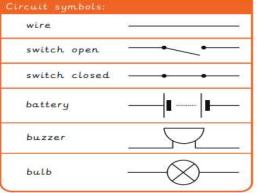
Check out continuous line drawings, such as Picasso's single-line animals for



- Explain simply what is meant by 'form' (the shape of a product) and 'function' (how a product works).
- State what they like or dislike about an existing children's toy and why.
- · Learn about skills developed through play and apply this knowledge in a survey of one or more children's toys.
- Identify the components of a steady hand game.
- Design a steady hand game of their own according to their design criteria, using four different perspective drawings.
- Create a secure base for their game, with neat edges, that relates to their design.
- · Make and test a functioning circuit and assemble it within a case.

0







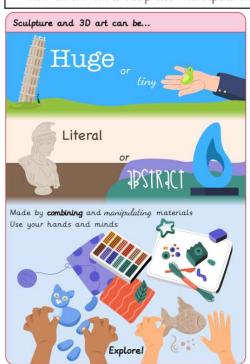
Topic Art - Sculpture and 3D: Making Memories Theme Explorers Year Group 6

Prior Knowledge

Formal elements:

- An art installation is often a room or environment in which the viewer 'experiences' the art all around them.
- \bullet . The size and scale of three-dimensional artwork change the effect of the piece. Knowledge of artists:
- Artists are influenced by what is going on around them; for example, culture, politics and technology,
- · How an artwork is interpreted will depend on the life experiences of the person looking at it.

abstract	When something doesn't necessarily look like it does in real-life.
assemblage	A 3-dimensional collage of collected or made items.
composition	Putting different elements together in a pleasing way.
literal	When something is represented exactly as it is.
manipulate	To change how a material looks by handling or using tools.
memory	Something remembered from the past.
relief	In art, refers to artwork that projects from a solid base.
sculpture	Three dimensional art made by carving, modelling, casting or constructing.



Artists

Joseph Cornell

Cornell made 3D art from found objects with personal meaning assembled in a box. He was one of the first artists to create 'Assemblage' art.



- Louise Nevelson
- Joseph Cornell
- Judith Scott
- Yinka Shonibare
- Nicola Anthony
- Louise Bourgeois
- Romare Bearden

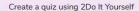


Year Group Computing - Quizzing Theme Explorers 6 Topic

Prior Knowledge

- The Internet is a global network of networks while the World Wide Web (www) is a collection of information which is accessed via the internet.
- A LAN (local area network) and a WAN (wide area network) connect computers together. A LAN is normally for computers connected less than Ikm distance whilst a WAN extends over a large geographical area.







Choose a question type in 2Quiz



Create a concept map from scratch (blank) or an existing template.



Create a quiz using Text Toolkit

Create a blank database

Key Questions

What factors do you need to consider when creating a guiz?

The intended audience: age and reading ability and interests.

The aim of the quiz; is it for fun like a game, or to make sure that the user has learnt something?

Name three question types in 2Quiz.

- Sequencing
- Grouping and Sorting
- Text based Multiple-choice
- Labelling

Apart from the questions, what else does a quiz need to contain?

A title screen and instructions for the user. Feedback for the user (some quizzes). Time limits (some quizzes). Images for interest as well as part of the auestions

Key Learning

- To create a picture-based quiz for young children.
- To learn how to use the question types within 2Quiz.
- To explore the grammar quizzes.
- To make a quiz that requires the player to search a database.
- To make a quiz to test your teachers or parents.

Key Resources











2Investigate

Key Vocabulary

Audience People who watch a performance or use a resource.

Audio Sound (especially when recorded).

Case-Sensitive Differentiating between capital and lower-case letters.

Clone

To make a complete copy of something.

Cloze

A test in which words are removed from a text and replaced with spaces. The learner has to fill each space with the correct word(s).

Preview

To see what something (or part of something) looks like before committing to it being the final version.

Quiz

An activity in which participants answer questions and receive a score dependent upon correct answers.



Topic Science - Evolution and Inheritance Theme		Theme	Ex	plorers	Year Group	6
Key Question	What does it mean to adapt?					
	What should I already know?			What	will I know by the end of the unit?	
 Living things br The basic needs Some animals be Features of habe Sometimes environments 	e grouped and classified using classification keys. reed to produce offspring which grow into adults. This is called reproducti s of animals for survival are water, food and air. have skeletons for support, protection and movement (vertebrates). uitats and the animals and plants that exist there (biodiversity). ronments can change and this has an effect on the plants and animals th y Anning in paleontology and the discovery of fossils.	• •	Characterio Parents pa	ss on characteristics to their offspring n breed animals such as dogs for desi Evolution is a process of chan of animals, plants, or insects because offspring are not iden	used to identify individuals or a group. such as hair and eye colour. This process irable characteristics. ge that takes place over many generations, slowly change some of their physical char.	during which species acteristics. This is
• The features of	some rocks and the role they play in the formation of fossils Key Vocabulary				tion to survive. This is called natural select example between parents and offspring) ca	
adaptations	Adaptations are characteristics which improve an animal's chances of surviv	an ar a runnun.	ow do we now about		e not inherited from the parents and appea m fossils - when these are compared to liv	
ancestor	An early type of animal or plant from which a later, usually dissimilar type		volution?	1 0	urtues that afferences. ng things – comparisons of some species m	ay reveal common
biodiversity	A wide variety of plant and animal species living in their natural environmen		Vhat is daptation?		rd plants have evolved so that they have a e, polar bears have a thick layer of blubbe	
evolution	A process of change that takes place over many generations, during which spanimals, plants, or insects slowly changes some of their physical characteris			survive the cold, harsh enviror leaves on trees.	rment of the Arctic while giraffes have long	z necks to reach the
inherit	If you inherit a characteristic, you are born with it because your parents or a had it.	ancestors also			rave longer roots and larger stems, so they to survive in hot, dry ervironments such as	
maladaptation	The failure to adapt properly to a new situation or environment.			 Sometimes adaptations can be. 	llenges yet some animals and plants have . disadvantageous. One example of this can	be the dodo, which
mutation	Characteristics that are not inherited from the parents or ancestors and appe characteristics.	ar as new		as it had lived for so many yed	ility to fly through evolution. Flying was i ars without predators, until its native islar rmful than helpful, these 'are called 'malad	rd became inhabited.
natural selection	A process by which species of animals and plants that are best adapted to th survive and reproduce, while those that are less well adapted die out.	eir ervironment		NACTOR AND		<u>\$</u>
palaeontology	The study of fossils as a guide to the history of life on Earth.				A & &	A IR
variation	A change or slight difference.		Charles Darwin, an e	volutionary scientist, studied different		
			animal and plant spe	ecies, which allowed him to see how ome about. His work on the finches was	MELLE	TPS F

some of his most famous.



Ridgeway Farm CE Academy - Knowledge Organiser

Topic	RE - Kingdom of God	Theme	Explorers	Year Group	6
Key Question	What kind of King is Jesus?				

Prior Knowledge

- Jesus told many parables about the Kingdom of God. These suggest that God's rule has begun, through the life, teaching and example of Jesus, and through the lives of Christians who live in obedience to God.
- Christians believe Jesus is still alive and rules in their hearts and lives by the Holy Spirit, if they let him.
- Christians believe that after Jesus returned to be with God the Father, he sent the Holy Spirit at Pentecost to help the Church to make Jesus' invisible Kingdom visible by living lives that reflect the love of God.

Key Vocabulary An elaborate and formal meal for many people. banquet Bible. The Christian scriptures, consisting of the Old and New Testaments. The teaching or revelation of Christ. gospel Kingdom The Kingdom of God is the realm where God reigns supreme, and Jesus Christ is King. A simple story used to illustrate a moral or parable spiritual lesson, as told by Jesus in the Gospels.

Key Knowledge

- Many Christians try to extend the Kingdom of God by challenging unjust social structures in their locality and in the world.
- Christians believe that Jesus came to Earth to get people into Heaven and to make the world more like Heaven.
- The Parable of the Feast is about inclusivity.
- The Kingdom is compared to a feast where all are invited to join in. Not everyone chooses to do so.
- The Kingdom of God is where God rules not a geographical territory but in human hearts and minds, lives and communities.
- Jesus' key teaching in the first three gospels (Matthew, Mark and Luke) is that he is beginning a kingdom where God's rule of love, forgiveness and inclusion will







Topic Geography - Oceans Theme Explorers Year Group 6

Key Question Why do oceans matter?

-	The Northern Hemisphere is the Northern part of the Earth and the Southern Hemisphere is
	the Southern part of the Earth.

Prior Knowledge

- The water cycle process is an ongoing cyclic movement of water within the Earth's atmosphere.

Key Knowledge

- Australia is in the Southern Hemisphere.
- The largest reef in the world is off the North East coast of Australia and can be seen from space.
- Oceans are important for a number of reasons: they are home to many creatures; they provide
 food and jobs for humans; they are used for fun activities; they give us many medicinal
 ingredients; they contribute to our climates and weather; they absorb carbon dioxide; they are a
 source of renewable energy.
- Oceans play an important role in regulating the Earth's climate by absorbing and storing carbon dioxide. This helps slow climate change.
- Coral reefs are beneficial for a number of reasons: a quarter of all marine species are dependent
 on them for food or shelter; many of these fish are used for food or provide jobs for humans;
 they provide a barrier from storms and erosion of the sea bed; they provide ingredients for
 medicines, treating conditions such as asthma, arthritis and cancer.
- Some of the dangers posed to reefs by humans are: coral bleaching, plastic pollution, overfishing and climate change.
- There are a number of actions that humans can take so that we can keep the oceans healthy: try to avoid buying single-use plastic; try to use natural fertilisers in gardens; re-use or re-purpose items; recycle any plastics; be mindful of the seafood you eat; only buy what you need or buy second hand; walk or cycle if you can; educate people about the importance of the oceans.
- There are different time zones depending on where you live in the world.

The atmosphere is the layer of gas that surrounds Earth. Something that can be broken down naturally and return to nature without having a harmful impact on the environment. Something that prevents the interaction of two things.
impact on the environment.
Something that prevents the interaction of two things.
When the coral turns white and becomes weak.
A coral reef is an underwater ecosystem, consisting of corals that create the reef. Coral are marine invertebrate, and reefs are ridges of jagged material just above or below the surface of the sea.
An ecosystem is where a community of living organisms live together with non-living aspects of their environment.
Erosion is the gradual wearing down and transportation of materials by natural forces.
Geology is the study of the physical features and history of Earth.
How much carbon dioxide is made from us going about our daily lives. The bigger the footprint, the more impact the person has on the planet.
Having to do with the sea.
An ocean current is a continuous, directed movement of seawater generated by a number of forces acting upon the water, including wind.
Renewable energy means using power from things in nature that never run out, like sunlight, wind, water, and heat from the Earth. The water cycle



