

### Generating ideas:

Generate ideas from a range of stimuli, using research and evaluation of techniques to develop their ideas and plan more purposefully for an outcome.

#### Making skills:

Demonstrate greater skill and control when drawing and painting to depict forms, such as showing an awareness of proportion and being able to create 3D effects. Apply observational skills, showing a greater awareness of composition and demonstrating the beginnings of an individual style.

#### Using sketchbooks:

Use sketchbooks for a wider range of purposes, for example, recording things using drawing and annotations, planning and taking the next steps in a making process.

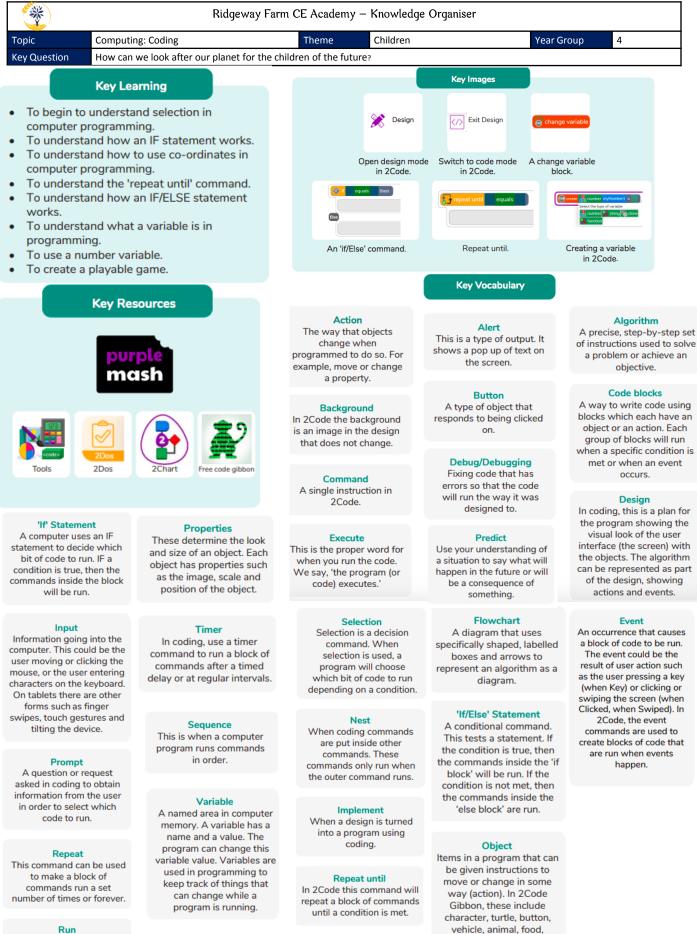
## Knowledge of artists:

Use subject vocabulary confidently to describe and compare creative works.

### Evaluating and analysing:

Use more complex vocabulary when discussing their own and others' art.

Collaborate	Work in a group to create a shared artwork			
Collage	mark marking were a perce			
Composition	Cutting, arranging and sticking materials like paper, fabric etc to a background Putting different elements together in a pleasing way			
	Lines cut into a hard surface which is covered in ink			
Engraving	and printed			
Printing techniqu				
Proportion	How big one element of an artwork appears compared to the whole thing			
Shading	Drawn marks to illustrate degrees of light and dark			
Tone	How light or dark something is Hatching Cross-hatching			
Wax-resist	Using wax to stop another material, like paint, from sticking permanently to a surface			
Man • Use the tip of charcoal for lines • Blend light dark areas for create tone. • Use a rubber draw light to	of the sharp and to r to ones. and to to and to to and to and to and to and to and to and to and to and to and to and to and to and to and to to to to to to to to to to to to to	s use proportion p make ngs look tic. s can erate proportion tw attention to spect of an		
	Creating contrast	Block printing		
Patterns	Light and dark	block, pressing in with the pencil Don't press too hard! Apply ink or paint to the block ink-side down to print it		



shape, number, input and

label.

Clicking the Play button to make the computer respond to the code.

*	Ride	geway Farm CE Acader	ny – Knowledge Orgai	niser
Торіс	RE	Theme	Children	Year Group 4
Key Question	What is the 'Trinity' and why is i	it important for Christians		
Outcomes			What is the Trinity?	
<ul> <li>Identify John 1 as part of a 'Gospel', noting some differences between John and the other Gospels.</li> <li>Offer suggestions for what texts about God might mean.</li> <li>Give examples of what the texts studied mean to some Christians.</li> <li>Describe how Christians show their beliefs about God and the Trinity in the way they live.</li> <li>Make links between some of the texts and teachings about God in the Bible and what people believe about God in the world today, expressing some ideas of their own clearly.</li> </ul>			<ul> <li>Christians believe God is Trinity: Father, Son and Holy Spirit. This is called the Holy Trinity.</li> <li>The Holy Trinity symbol demonstrates the three parts of God being equal and intertwined with no beginning or end.</li> <li>Christians believe The Father creates; he sends the Son who saves his people; the Son sends the Holy Spirit to his followers.</li> </ul>	
	Key Vocabulary		Christians find	that understanding God is challenging;
Baptism	A ceremony that symbol to living a life as a Christ		people spend their whole lives learning more and more about God.	
Belief	The feeling of being cert exists or is true	ain that something		y want to try to understand God better escribe God using symbols, similes and
Bible	The Christian holy book. the Old Testament and t		<ul> <li>into metaphors, in song, story, poems and art.</li> <li>Christians worship God as Trinity. It is a huge idea to hings</li> </ul>	
Christianity	A religion focussed on th of Jesus Christ, who Chri the Son of God.			
Christians	A follower of Christianity	<i>į</i> .		
Gospel	Four books of the Bible f the New Testament that Jesus' life.		work in the wo them to follow	
Holy Spirit	The Holy Spirit is the Lov Father and God the Son	Father A		Libo Soni
Holy Trinity	A way of describing God the Son and God the Ho three-in-one.			God
Incarnation	The earthly form of a go	d or spirit.		19- 15 ×
Prayer	A way to communicate with God.			
Worship	Showing words, thought how great God is.	s and actions about		The Holy Spirit
God	d the Father	God th	ne Son	God the Holy Spirit
and goodness. Just as an earthly This is ca		God the Son is God This is called <b>incarr</b> became human wh Earth.	<b>nation</b> . Part of God	The <b>Holy Spirit</b> is the part of God that is living inside <b>Christians</b> . It is God's power at work on Earth. <b>Christians</b> believe that the <b>Holy Spirit</b> guides them and reveals God's nature to them.

	Ridgeway Farm CE Academy		
	Science: Living things and their habitats Theme	Children Year Group 4	
Key Question	How can we look after our planet for the children of the future?		
	What should I already know?	What will I know by the end of the unit?	
<ul> <li>Animals can be grouped into vertebrates (and then further into fish, reptiles, amphibians, birds and mammals) and invertebrates</li> <li>Animals can be grouped into carnivores, herbivores and omnivores</li> <li>The differences between the teeth of carnivores and herbivores.</li> <li>The names of some common wild and garden plants and deciduous and evergreen trees.</li> <li>Examples of habitats (including microhabitats) and the animals and plants that can be found there.</li> <li>Living things depend on each other to survive.</li> <li>How food chains and food webs work.</li> <li>How land use has changed over time and the effects this has on the environment (e.g. urban development)</li> </ul>		How can living things be grouped?	
		All living things, which can also be called <b>organisms</b> , have to do certain things to stay alive. These are the <b>life processes</b> : <ul> <li>movement</li> <li>respiration</li> <li>sensitivity</li> <li>growth</li> <li>reproduction</li> <li>excretion</li> <li>Nutrition</li> </ul>	
	Vocabulary	REPRODU	
biomes	a natural area of <b>vegetation</b> and animals	REPRODUCTION HELLO	
carnivore	an animal that eats meat	MRS GREN	
classification key	a system which divides things into groups or types	EXCRETON SENSTUTY	
criteria	a factor on which something is judged	MINTY DO	
deciduous	trees that lose leaves in the autumn every year		
environment	all the circumstances, people, things, and events around them that influence their life	GROU	
	a tree or bush which has green leaves all the year	Living things can be grouped according to different <b>criteria</b>	
evergreen	round	(where they live, what type of <b>organism</b> they are, what	
excretion	the process of eliminating waste from the body	features they have). For example, a camel can belong in a group of <b>vertebrates</b> , a group of animals that live in the	
food chain	a series of living things which are linked to each other because each thing feeds on the one next to	desert, and a group of animals that have four legs.	
	it in the series	What is a classification <b>key</b> ?	
habitat	the natural <b>environment</b> in which an animal or	A classification key is a tool that is used to group living things	
la a ula truz una	plant normally lives or grows	to help us identify them.	
herbivore	an animal that only eats plants a creature that does not have a spine, for example	, ,	
invertebrate	an insect, a worm, or an octopus	Vertebrate Does it have fur?	
Life processes	There are seven processes that tell us that living	Yes No	
•	things are alive a small part of the <b>environment</b> that supports a	Does it have feathers?	
microhabitat	habitat, such as a fallen log in a forest	Mammal	
minibeast	a small <b>invertebrate</b> animal such as an insect or spider	Bird No	
nutrition	the process of taking food into the body and absorbing the nutrients in those foods	Reptie Scales No scales	
omnivore	person or animal eats all kinds of food, including both meat and <b>plants</b>	Fish Amphilian	
organism	a living thing	How can onvironments change?	
reproduction	when an animal or plant produces one or more individuals similar to itself	How can environments change? Habitats can change throughout the year and this can have a	
respiration	process of respiring; breathing ; inhaling and exhaling air	effect on the plants and animals that live there.	
sensitivity	responding to the external environment	Humans can have positive and negative effects on the	
urban ,	belonging to, or relating to, a town or city	environment:	
vegetation	plants, trees and flowers	<ul> <li>positive effects: nature reserves, ecological parks</li> </ul>	

# Investigate!

• Complete Venn diagrams to show if living things can be grouped into two or more groups .

• Use criteria to sort living things in a Carroll diagram.

• Sort vertebrate and invertebrate animals into groups, describing their key features. Use a classification key to identify which group of vertebrates animals belong to and then create your own.

• Sort plants into groups (e.g. flowering plants and non-flowering plants) and then create a classification key to help others identify plants.

• Carefully observe minibeasts in a microhabitat and use a classification key to identify them.

• Use simple computer software programmes to create a branching classification key.

• Explore examples of human impact (both positive and negative) on environments.