

Year 1						
			ence			
COMMUNITY	PEACE	WISDOM	НОРЕ	DIGNITY	JOY	
Animals including Humans – Humans Seasonal Changes - Autumn	Animals including humans - Animals Seasonal Changes - Winter	Plants	Seasonal changes - Spring	Materials	SUMMER 2 Seasonal Changes - Summer	
Are all anima	als the same?	How does nature chang	ge from winter to spring?	Do all materials h	ave the same uses?	
Animals inc humans (focus on humans) Identifying, classifying and Grouping identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. Seasonal Changes (Autumn) Observing over time observe changes across the 4 seasons observe and describe weather associated with the seasons and how day length varies.	Animals inc humans (animals)Pattern Seeking identify and name a variety of common animals including, fish, amphibians, reptiles, birds and mammals identify and name a variety of common animals that are carnivores, herbivores and omnivores describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets) Seasonal Changes (Winter) Observing over time observe changes across the 4 seasons observe and describe weather associated with the seasons and how day length varies.	Identifying, classifying and Grouping identify and name a variety of common wild and garden plants, including deciduous and evergreen trees identify and describe the basic structure of a variety of common flowering plants, including trees	Observing over time observe changes across the 4 seasons observe and describe weather associated with the seasons and how day length varies.	Materials - Identifying, classifying and Grouping distinguish between an object and the material from which it is made identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock describe the simple physical properties of a variety of everyday materials compare and group together a variety of everyday materials on the basis of their simple physical properties	Seasonal Changes (Summer) Observing over time observe changes across the 4 seasons observe and describe weather associated with the seasons and how day length varies.	
	Pasis Skill I sava haw ta las		puting	d store away equipment safely		
use technology safely and respectfully Children to use the iPads to draw letters and during phonics. Learn how to logon, select, use and exit apps. Learn how to shutdown	Basic Skill - Learn how to log	on, select, use and exit apps. Lea use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour; identify a range of ways to report concerns about content and contact	rn how to shutdown laptops and	d store away equipment safely.		



laptops and store away equipment		Focus on internet safety (see Online			
safely.		Safety planning)			
		Purple Mash	n Outcomes		
use technology purposefully to create, organise, store, manipulate and retrieve digital content Children to use paint projects (see link below) to draw and create an autumn scene.	use technology purposefully to create, organise, store, manipulate and retrieve digital content Children to use paint projects (see link below) to draw and create a bird image for display use technology purposefully to create, organise, store, manipulate and retrieve digital content Children to use paint projects (see link below) to draw and create a winter scene for display		use technology purposefully to create, organise, store, manipulate and retrieve digital content Children to use paint projects (see link below) to draw and create a spring scene for display	use logical reasoning to predict the behaviour of simple programs Maze explorers - 2 go – children to dip into coding.	understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions Complete the coding unit in the link below use technology purposefully to create, organise, store, manipulate and retrieve digital content Children to use paint projects (see link below) to draw and create a summer scene for display
		Purple Mash links for res	cources and lesson ideas		
https://www.purplemash.com/#ap p/pap/nature/autumn	https://www.purplemash.com/#app/pap/animals/bird_instructions https://www.purplemash.com/#app/pap/nature/winter	https://www.purplemash.com/#tab /pm-home/science/plants	https://www.purplemash.com/#ap p/pap/nature/spring	https://www.purplemash.com/#ap p/pap/nature/summer https://www.purplemash.com/#tab /computing sow y1 unit 1-5	https://www.purplemash.com/#tab /Teachers/computing sow/comput ing sow y1/computing sow y1 u nit 1-7
		D&T Ou	tcome		
build structures, exploring how they can be made stronger, stiffer and more stable select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics Make own instruments out of junk modelling materials		use the basic principles of a healthy a understand where food comes from. Plan and create a series of healthy sna		build structures, exploring how they more stable select from and use a wide range of r construction materials, textiles and in characteristics Using a variety of junk modelling matericulum, children to create robots Children to decide on what material in	materials and components, including ngredients, according to their terials, linked to the Science or animals (or linked to KUW topic).



	Year	2		
	Scien	ce		
COMMUNITY PEACE	WISDOM	НОРЕ	DIGNITY	JOY
Animals Including Humans	Living Things and their Habitats	Plants	Use of Everyday Materials	Famous Scientists
dentifying, classifying and Grouping	Research (secondary sources)	Observing over time	Identifying, classifying and Grouping	
Notice that animals, including humans, have offspring grow into adults Find out about and describe the basic needs of animals including humans, for survival (water, food and air) Describe the importance for humans of exercise, eatin amounts of different types of food, and hygiene.	things that are living, dead, and things that have never been alive Identify that most living things live in habitats to which they are suited and describe how	Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	
	different sources of food. Compu	ting		
	Basic Skill - Learn how to sav	_		
	Learn how to change font	t style, size and colour.		
Use technology safely and respectfully Use the internet to research the different animal classe habitats and food chains.	use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies			Use technology safely and respectfully use technology purposefull to create, organise, store, manipulate and retrieve
nternet Search: Use internet search engines to retriev nformation.				digital content To create a PowerPoint on famous artist and use inter



		explorer to find inforation on famous scientists.
	Purple Mash Outcomes	
recognise common uses of information technology beyond school create and debug simple programs Create a spreadsheet using 2Calculate or 2Count which records things that are living, dead and things that have never been alive around the school environment.	use technology purposefully to create, organise, store, manipulate and retrieve digital content Using 2Paint create a Spring picture inspired by the impressionist style of art (Monet, Degas, Renoir) or pointillist art such as Seurat.	use logical reasoning to predict the behaviour of simple programs create and debug simple programs 2Code – children to code a game based on their KUW topic or Enlgish book.
Purp	le Mash links for resources and lesson ideas	
https://www.purplemash.com/#tab/Teachers/computing sow/ computing sow y2/computing sow y2 unit 2-3 https://www.purplemash.com/#tab/Teachers/computing sow/ computing sow y2/computing sow y2 unit 2-5 https://www.purplemash.com/#app/tools/2Calculate	https://www.purplemash.com/#ta b/Teachers/computing sow/comp uting sow y2/computing sow y2 unit 2-6	https://www.purplemash.com/#tab/pm-home/science/famous scientists
	D&T Outcome	



design purposeful, functional, appealing products for themselves and other users based on design criteria	use the basic principles of a healthy and varied diet to prepare dishes	design purposeful, functional, appealing products for themselves and other users based on design criteria
build structures, exploring how they can be made stronger,	understand where food comes from.	build structures, exploring how they can be made stronger, stiffer and
stiffer and more stable	Plan and create a healthy savoury meal so that they are able to feed themselves and others a healthy and varied diet.	more stable
select from and use a range of tools and equipment to perform practical tasks		select from and use a range of tools and equipment to perform practical tasks
select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics		select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics
Design a bird feeder / bird box. Children to communicate their ideas through talking and drawing. They will select from and use a range of tools and equipment to perform practical tasks. They will evaluate their		generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology
ideas and products against design criteria		Make own instruments out of different materials

	Year 3					
		Scien	ce			
COMMUNITY	PEACE	WISDOM	НОРЕ	DIGNITY	JOY	
Forces and Magnets	Rocks	Light	Plants	Animals including Humans	SUMMER 2	
		Do all plants neo	ed light to grow?			
Pattern Seeking Research (secondary sources)	Comparative and Fair testing	Comparative and Fair testing	Observing over time	Identifying, classifying and Grouping and Comparative and Fair test		
compare how things move on different surfaces notice that some forces need contact between 2 objects, but magnetic forces can act at a distance observe how magnets attract or repel each other and attract some materials and not others	compare and group together different kinds of rocks on the basis of their appearance and simple physical properties describe in simple terms how fossils are formed when things that have lived are trapped within rock	recognise that they need light in order to see things and that dark is the absence of light notice that light is reflected from surfaces recognise that light from the sun can be dangerous and that there are ways to protect their eyes	identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant	identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat identify that humans and some other animals have skeletons and muscles for support, protection and movement.		
compare and group together a variety of everyday materials on the basis of	recognise that soils are made from rocks and organic matter.		Paris de presidente			



whether they are attracted to a magnet, and identify some magnetic materials describe magnets as having 2 poles predict whether 2 magnets will attract or repel each other, depending on which poles are facing.		recognise that shadows are formed when the light from a light source is blocked by a solid object find patterns in the way that the size of shadows change.	investigate the way in which water is transported within plants explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.	
	Basic skill - Lea	Compu arn how to search for images and		ng practise
use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content Show children how to use google and how to interpret results on google. Texter (online site) to create and display poetry or writing.	use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	1	use sequence, selection, and repetition in programs; work with variables and various forms of input and output Games and animation development using 2Code or Scracth to create a game based on their KUW topic, English book or RE topic.	
		Purple Mash	Uutcomes	
	create a range of content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. Use 2Question to compare and group together different kinds of			create a range of content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. Games and animation development using 2Code or Scracth to create a game based on their KUW topic, English book or RE topic.
	rocks on the basis of their appearance and simple physical properties			
https://www.goverlaneagle.com/Utale/	https://www.complement.com/	Purple Mash links for reso		https://www.purplomosh.com/#tab/com
https://www.purplemash.com/#tab/pm-home/science/forces	https://www.purplemash.com/#ta b/pm- home/science/rocks and soil	https://www.purplemash.com/#ta b/pm- home/science/light and dark	https://www.purplemash.com/#tab/pm-home/science/plants	https://www.purplemash.com/#tab/pm-home/science/food https://www.purplemash.com/#tab/pm-home/science/human_body



	Online Safety						
Be Internet Legends – Lesson 1 Be Internet Sharp & Be Internet Alert	Be Internet Legends – Lesson 2 Be Internet Secure & Be Internet Kind ONLINE SAFTEY WEEK – Complete additional Online Safety Week Work	Be Internet Legends – Lesson 3 Be Internet Sharp & Be Internet Alert	Digital Wellbeing - Age 7-9 - Lesson 1				
	based around the national theme.						
	D&T Outcome						
apply their understanding of how to strengthen, stiffen and reinforce more complex structures		Understand and apply the principles of a healthy and varied diet					
select from and use a wider range of materials and components, including construction materials		Cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet					
generate, develop, model and communicate their ideas through discussion,		Children to design and cook a range of healthy meals					
evaluate their ideas and products against their own design criteria and consider the views of others to improve their work							
Children to design a simple vehicle (based on their KUW topic or book in English) and make it using wood. They can then test it rolling on different materials.							

Year 4						
	Science					
COMMUNITY	COMMUNITY PEACE WISDOM HOPE DIGNITY JOY					
Sound	States of Matter	Living Things	Living Things Animals including Humans Electricity SUMMER 2			
		Can all living things be classified the same way?				



Pattern Seeking	Identifying, classifying and Grouping	Observing over time	Research (secondary sources)	Comparative and Fair testing	Consolidation and application
identify how sounds are made, associating some of them with something vibrating	compare and group materials together, according to whether	recognise that living things can be grouped in a variety of ways	describe the simple functions of the basic parts of the digestive system in humans	identify common appliances that run on electricity	аррисацоп
recognise that vibrations from sounds travel through a medium to the ear	they are solids, liquids or gases observe that some materials	explore and use classification keys to help group, identify and name a variety of living things in their local	identify the different types of teeth in humans and their simple	construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and	
find patterns between the pitch of a sound and features of the object that	change state when they are heated or cooled, and measure or research the temperature at which	and wider environment recognise that environments can	functions construct and interpret a variety of	buzzers identify whether or not a lamp will light in a	
produced it find patterns between the volume of a	this happens in degrees Celsius (°C)	change and that this can sometimes pose dangers to living	food chains, identifying producers, predators and prey.	simple series circuit, based on whether or not the lamp is part of a complete loop with	
sound and the strength of the vibrations that produced it.	identify the part played by evaporation and condensation in the water cycle and associate the	things.		a battery recognise that a switch opens and closes a circuit and associate this with whether or not	
recognise that sounds get fainter as the distance from the sound source increases	rate of evaporation with temperature.			a lamp lights in a simple series circuit recognise some common conductors and	
				insulators, and associate metals with being good conductors.	
	Basic Skill -	Compu Learn how and when to print fro	_	practise.	
use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content Use Moviemaker or iPad app to make a		use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact		design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve proble decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output	
video of sound				Games and animation development using 2Co	ode, 2DIY or Scratch.
				Children to create an electricity based game (r book in English).	maybe linking to Iron Man
		Purple Mash	Outcomes		
	create a range of content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	create a range of content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	create a range of content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.		
	2Animate to create an animation on the water cycle.	Use 2Chart to explore and use classification keys to help group,	Create a food chain using 2Connect		



		identify and name a variety of living things in their local and wider environment	Publisher on Purple Mash to identify the different types of teeth in humans and their simple functions (link above)		
		Purple Mash links for reso	ources and lesson ideas		
https://www.purplemash.com/#tab/p m-home/science/sound	https://www.purplemash.com/#ap p/tools/2ani	https://www.purplemash.com/#ap p/tools/2chart	https://www.purplemash.com/#ap p/tools/2Connect https://www.purplemash.com/#ap p/pup/teeth	home/science/electricity	
	1	Online S	afety		
Be Internet Legends – Lesson 4 Be Internet Secure & Be Internet Kind		Be Internet Legends – Lesson 5 Be Internet Brave – When in Doubt, Discuss ONLINE SAFTEY WEEK – Complete additional Online Safety Week Work based around the national theme. Be Internet Legends – Lesson 6 Be Internet Brave – When in Doubt, Discuss Doubt, Discuss		Digital Wellbeing - Age 7-9 - Lesson 2	
		D&T Out	come		
		cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet Children to cook a variety of savoury meals		understand and use electrical systems in their products use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups	
		Iron Man clay masks – linking to Art an science topic to insert lights as eyes an		_	

Year 5					
Science					
COMMUNITY	PEACE	WISDOM	НОРЕ	DIGNITY	JOY
Animals including humans	Living things and their habitats	Earth and space	Forces	Properties and changes of materials	SUMMER 2



Do all animals have the same Lifecyle?		Is it only forces that keep the Solar System moving?		Are all changes permeant?	
Pattern Seeking	Observing over time	Research (secondary sources)	Comparative and Fair testing	Identifying, classifying and Grouping	Consolidation and application
describe the changes as humans	describe the differences in the life	describe the movement of the	explain that unsupported objects	compare and group together everyday	
develop to old age.	cycles of a mammal, an amphibian,	Earth, and other planets, relative	fall towards the Earth because of	materials on the basis of their	
	an insect and a bird	to the Sun in the solar system	the force of gravity acting between	properties, including their hardness,	
			the Earth and the falling object	solubility, transparency, conductivity	
	describe the life process of	describe the movement of the		(electrical and thermal), and response to	
	reproduction in some plants and	Moon relative to the Earth	identify the effects of air	magnets	
	animals.		resistance, water resistance and		
		describe the Sun, Earth and Moon	friction, that act between moving	know that some materials will dissolve in	
		as approximately spherical bodies	surfaces	liquid to form a solution, and describe	
				how to recover a substance from a	
		use the idea of the Earth's rotation	recognise that some mechanisms	solution	
		to explain day and night, and the	including levers, pulleys and gears		
		apparent movement of the sun	allow a smaller force to have a	use knowledge of solids, liquids and	
		across the sky.	greater effect	gases to decide how mixtures might be	
				separated, including through filtering,	
				sieving and evaporating	
				sing and an anidous form	
				give reasons, based on evidence from	
				comparative and fair tests, for the	
				particular uses of everyday materials, including metals, wood and plastic	
	Ras	Compu Sic skill - Use technology to comp	_	,	
	Das			1	T
select, use and combine a variety of		use technology safely, respectfully		use search technologies effectively,	select, use and combine a
software		and responsibly; recognise		appreciate how results are selected	variety of software
		acceptable/unacceptable		and ranked, and be discerning in	
Children to create a PowerPoint on the		behaviour; identify a range of		evaluating digital content	Use Publisher to create a
changes in humans from birth to old		ways to report concerns about			magazine page based on
age.		content and contact		Use blog to publish work produced in	KUW/English topic.
		Do Internet Legends Lessen 2		class throughout year.	
		Be Internet Legends – Lesson 3			
		and 4			
		Google Bot building			
		Purple Mash	Outcomes		
	create a range of content that	use sequence, selection, and		create a range of content that	
	accomplish given goals, including	repetition in programs; work with		accomplish given goals, including	
	collecting, analysing, evaluating	variables and various forms of		collecting, analysing, evaluating and	
	and presenting data and	input and output		presenting data and information.	
	information.				



Children to create a 2Question to describe the differences in the life cycles of a mammal, an amphibiar	use logical reasoning to explain how some simple algorithms work and to detect and correct errors in		2Chart – children to create a flowchart	
describe the differences in the life				
	and to detect and correct errors in		based on whether some changes result	
cycles of a mammal, an amphibia	and to detect and correct errors in		in the formation of new materials, and	
	, algorithms and programs		that this kind of change is not usually	
an insect and a bird			reversible and use knowledge of solids,	
	2DIY Purple Mash Game – children		liquids and gases to decide how mixtures	
	to create a 3D Game based on		might be separated, including through	
	space.		filtering, sieving and evaporating.	
	Purple Mash links for reso	ources and lesson ideas		
ttps://www.purplemash.com/#app/p	https://www.purplemash.com/#ta	https://www.purplemash.com/#ta	https://www.purplemash.com/#app/too	
p/growingandchanging https://www.purplemash.com/#a	b/pm-home/science/space	b/pm-home/science/forces	ls/2chart	
ttps://www.purplemash.com/#tab/p p/tools/2question				
n-home/science/changescience	https://www.purplemash.com/#ta			
	b/Teachers/computing sow/comp			
	uting sow y5/computing sow y5			
	<u>5-5</u>			
	Online S	afetv		
e Internet Legends – Lesson 7	Be Internet Legends – Lesson 8	,	Be Internet Legends – Lesson 9	Digital Wellbeing - Age 9-11 -
e Internet Sharp – Think Before You Share	Be Internet Alert – Check It's For Real		Be Internet Secure – Protect Your Stuff	Lesson 1
5 meemer smarp Trimin Before You smare	ONLINE SAFTEY WEEK – Complete additional Online Safety Week Work		De internet decare i roteat rour stan	
	based around the national theme.			
	D&T Out	come		
ecome competent in a range of cooking techniques [for example, selecting			understand how key events and individua	Is in design and technology
nd preparing ingredients; using utensils and electrical equipment; applying eat in different ways; using awareness of taste, texture and smell to decide	select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities		understand how key events and individuals in design and technology have helped shape the world	
ow to season dishes and combine ingredients; adapting and using their ow ecipes]	Mars Rovers/Moon Buggy		use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups	
ook a repertoire of predominantly savoury dishes so that they are able to eed themselves and others a healthy and varied diet.			Dyson Foundation Project	



Year 6 Science						
Living Things	Evolution	Animals including Humans		Light	Electricity	
Have all Living Things evolved at the same rate?		Does the impact of diet impact humans as well as animals?		Does heat always lead to light?		



are classified into broad groups according to common observable

NUTFIELD CHURCH CE PRIMARY SCHOOL SCIENCE, COMPUTING AND DESIGN & TECHNOLOGY CURRICULUM OVERVIEW 2023/2024

Identifying, classifying and Grouping describe how living things are classified	Observing over time recognise that living things have	Research (secondary sources)	f the human circulatory system, and	-	Pattern Seeking associate the brightness of a	
into broad groups according to	changed over time and that fossils	describe the functions of the heart,		1	lamp or the volume of a buzzer	
common observable characteristics	provide information about living	describe the functions of the fleart,	blood vessels and blood		with the number and voltage of	
and based on similarities and	things that inhabited the Earth	recognise the impact of diet exerci-	se, drugs and lifestyle on the way their		cells used in the circuit	
differences, including micro-organisms,	millions of years ago	bodies function	se, arags and mestyle on the way then	straight lines to explain that	cens asea in the circuit	
plants and animals	Timions of years ago	Source runetion			compare and give reasons for	
plants and animals	recognise that living things	describe the ways in which nutrient	s and water are transported within		variations in how components	
give reasons for classifying plants and	produce offspring of the same	animals, including humans.	is and mater are transported minim		function, including the	
animals based on specific	kind, but normally offspring vary	annual, meraanig namans.			brightness of bulbs, the loudness	
characteristics.	and are not identical to their				of buzzers and the on/off	
characteristics.	parents				position of switches	
	parents			sources to our eyes or from light	position of switches	
	identify how animals and plants			-	use recognised symbols when	
	are adapted to suit their			1	representing a simple circuit in a	
	environment in different ways and			,	diagram.	
	that adaptation may lead to			use the idea that light travels in	and grann.	
	evolution.			straight lines to explain why		
				shadows have the same shape		
				as the objects that cast them		
		Caman				
	Pasic skill Mako	Compu	iting ardware/software to use for desire	d outcome		
		1	•	1		
create a range of programs, systems and content that accomplish given	create a range of programs,	use technology safely,	create a range of programs, systems and content that accomplish given	create a range of programs,	create a range of programs,	
	systems and content that accomplish given goals, including	respectfully and responsibly;		systems and content that	systems and content that accomplish given goals,	
goals, including collecting, analysing, evaluating and presenting data and	collecting, analysing, evaluating	recognise acceptable/unacceptable	goals, including collecting, analysing, evaluating and presenting data and	accomplish given goals, including collecting, analysing, evaluating	including collecting,	
information.	and presenting data and	behaviour; identify a range of	information.	and presenting data and	analysing, evaluating and	
	information.	ways to report concerns about		information.	presenting data and	
Write and publish blog of residential	momation.	content and contact	Write and publish blog of residential	momation.	information.	
_	Write and publish blog of	content and contact	_	Write and publish blog of	information.	
trip, include photos and video clips.	residential trip, include photos and		trip, include photos and video clips.	residential trip, include photos and	Write and publish blog of	
	video clips.			video clips.	residential trip, include photos	
	video clips.			video clips.	and video clips.	
					and video clips.	
	1	Purple Mash	Outcomes			
create a range of content that		create a range of content that		use sequence, selection, and repet	ition in programs; work with	
accomplish given goals, including		accomplish given goals, including		variables and various forms of input and output		
1						
collecting, analysing, evaluating and		collecting, analysing, evaluating				
collecting, analysing, evaluating and presenting data and information.				use logical reasoning to explain ho	w some simple algorithms work	
		collecting, analysing, evaluating		use logical reasoning to explain ho and to detect and correct errors in		

2Code – children to code a game or playable app using 2Code or

2DIY 3D2

Publish an article about how light

travels in straight lines .



	T						
characteristics and based on							
similarities and differences, including							
micro-organisms, plants and animals							
Purple Mash links for resources and lesson ideas							
https://www.purplemash.com/#app/t	https://www.purplemash.com/#app/t		https://www.purplemash.com/#ta https://www.purplemash.com/#tab/p		https://www.purplemash.com/#tab/pm-home/computing/2diy3d2		
ools/2Connect			https://www.purplemash.com/#ta				
				home/computing/2code lessons			
		https://www.purplemash.com/#a					
		pp/pup/lightandmirrors		https://www.purplemash.com/#ta	ab/pm-		
				home/science/human body			
Online Safety							
Be Internet Legends – Lesson 10		Be Internet Legends – Lesson 11		Be Internet Legends – Lesson 12	Digital Wellbeing - Age 9-11 -		
Be Internet Brave – When in Kind – Resp	ect Each Other	Be Internet Brave – When in Doubt, Discuss		Be Internet Brave – When in	Lesson 2		
		ONLINE SAFTEY WEEK – Complete additional Online Safety Week Work		Doubt, Discuss			
		based around the national theme.					
D&T Outcome							
become competent in a range of cooking	g techniques [for example, selecting			Enterprise project			
and preparing ingredients; using utensils and electrical equipment; applying							
heat in different ways; using awareness of taste, texture and smell to decide		use research and develop design c		criteria to inform the design of			
how to season dishes and combine ingre	edients; adapting and using their			innovative, functional, appealing p	products that are fit for purpose,		
own recipes]				aimed at particular individuals or	groups		
understand the source, seasonality and characteristics of a broad range of				select from and use a wider range	of materials and components,		
ingredients				including construction materials, textiles and ingredients, according			
				to their functional properties and	aesthetic qualities		
Food and designing a healthy and balanced diet							
· ·				evaluate their ideas and products	_		
				and consider the views of others t	to improve their work		