Cycle A Humanit

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	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
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Working scientifically
Statutory requirement
During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

\* asking simple questions and recognising that they can be answered in different ways

\* observing conjugation of recognising that they can be answered in different ways

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\* approximate special control of the programme of study content:

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Geography skills and fieldwork

"use world maps, altases and globbe to identify the United Kingdom and its counties, as well as the countries, continents and oceans studied at the key stage

"use simple compass directions (North, South, East and West) and locational and directional language (for example, near and far, left and right), to describe the location of features and routes on a map.

"use areal photographs and plan perspectives to recognise landmarks and basic human and physical features; device a simple map; and use and construct basic symbols in a key

use simple fieldwork and observational salts to study the geography of their school and its grounds and the key human and physical features is currounding environment.

Physical Education

Pupils should develop fundamental movement skills, become increasingly cometent and confident and access a broad range of poportunities to extend their ability, balance and coordination, individually and with others. They should be able to engage in competitive (both against others) and co-operative physical activitie, in a range of increasingly challenging situations.

\*\*master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities

\*\*participate in orangaments, developing simple tactics for attacking and defending

\*\*perform dances using simple movement patterns.

# Computing Pupils should be taught to:

Pupils should be taught to:

understand what algorithms are; how they are implemented as programs on digital devices; and what programs execute by following precise and unambiguous instructions

rereate and debug simple programs

use legical reasoning to predict the behaviour of simple programs

use technology purposefully to create, organies, store, manipulate and retrieve digital content

\*recognise common use of information technology beyond school

\*use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

KS1

# Music Pupils should be taught to: "use their voices expressively and creatively by singing songs and speaking chants and rhymes "play tuned and untuned instruments musically ilstem with concentration and understanding to a range of high-quality live and recorded music "experiement with, create, select and combine sounds using the inter-related dimensions of music.

Art and Design

Pupils should be taught to:

\*use a range of materials creatively to design and make products

\*use a range of materials creatively to design and make products

\*to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination

\*to develop a wide range of art and design betchiques in insign closur, pattern, treduce, line, shape, form and space

\*about the work of a range of artists, craft makers and designers, describe the differences and similarities between different practices and disciplines, and making links to their own work.

\*about the work of a range of artists, craft makers and designers, describe the differences and similarities between different practices and disciplines, and making links to their own work.

Design and technology

Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of revelant contexts [for example, the home and school, gardens and playgrounds, the local community, industruy and the wider environment].

Design and making, pupils should be taught to:

Design and making, pupils should be taught to:

Vhen designing and making, pupils should be taught for:

Design

- design purposeful, functional, appealing products for themselves and other users based on design criteria

- generate, develop, model and communicate their lides through taiking, drawing, templates, mock-ups and, where appropriate, information and communication technology.

\*\*Net\*\*

\*\*Net\*\*

\*\*Information and use a range of rools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

- select from and use a range of rools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

- select from and use a range of existing products

\*\*Valuate\*\*

- explore and evaluate a range of existing products

- evaluate their ideas and products against design criteria

- Exchical knowledge

- build structures, exploring how they can be made stronger, stiffer and more stable

- explore and use mechanisms [for example, levers, silders, wheels and asles]. In their products.

Cooking and mutrition

- Ap and of their work with food, pupils should be taught too; to cook and apply the principles of nutrition and healthy eating, instilling a love of cooking in pupils wil also open a door to one of the great expressions of human creativity. Learning how to cook is a crucial life skill that enables pupils to feed themselves and others affordably and well, now and later in life.

Pupils should be taught to:

\*\*use the basic principles of a healthy and varied diet to prepare dishes

Everyday Materials	Seasonal Changes / Wild Weather	Plants (Spring Focus)	Seasonal Changes / Wild Weather	Plants (Summer Focus)
Statutory requirements Pupils should be taught to:  * 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 in the basis of their simple physical properties.  * identify and compare the suitability of a variety of everyday materials in the basis of their simple physical properties.  * identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and carboard for particular uses  * indicate the work of the simple physical properties.  * indicate the work of the simple physical properties of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and carboard for particular uses  * Notes and guidonce (non-stortedy)  **Notes and guidonce (non-stortedy)  **Year to the programme of study, but including for example brick, paper, fabrics, elostic, foll-papils might work scientifically by performing simple tests to explore questions, for ex-  **Year to six be best morting for numberials ?**, for utrains?**, for a bookshelf? **, for a booksh	Note: Pupils should be warred that it is not safe to look directly at the Sun, even when wearing dark plasses, plasses, Jupils might work scientifically by: making tables and charts about the weather; and making displays of what happens in the world around them, including day length, as the sessons change.	Statutory requirements  Typis should be taught to:  I dentify and man a variety of common wild and garden plants, including deciduous and evergreen trees  I dentify and east-the the basic structure of a variety of common flowering plants, including trees.  I dentify and east-the have weed, and book go with in studies plants  Observe and desire here have weed, and book go with in studies plants  Note and guidence (non-steadory)  Payis should use the local environment throughout the year to experi and neaver questions about plonts growing in  their hebbits. Where gossible, they should observe the  growth of flowers and vegetables toth the how pointed. They should become familiar with common names of flowers,  commonly a decidence and vegetables toth they how pointed. They should become familiar with common names of flowers,  commonly a decidence and vegetables toth they how pointed. They should become familiar with common names of flowers,  commonly a decidence of the property of the pointed of the	Pupils might work scientifically by: making tables and charts about the weather, and making displays of what happens in the world around them, including day length, as the seasons change.	Statutory requirements Pupils should be taught to: *identify and mane a variety of common wild and garden plants, including deciduous and evergreen trees *identify and came a variety of common flowering plants, including trees. *observe and describe how seeds and bulbs grow into mature plants *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. *Notes and guidence (non-structory) *Pupils should use the local environment throughout the year to explore and answer questions about plants growin growth of flowers and vegetables that they hove planted. They should become familiar with common names of flow floriduding levens, flowers (plassom) plants, fuest, fruit, rosts, bulb, seed, trunk, branches, stem). Pupils input work scient companies and contrasting familiar plants; describing how they were able to identify and group them, and drawing inglish teep records of how plants the changed over time, for example the levens filling off trees and bulso spenin plants. *Pupils should use the local environment throughout the year to observe how different plants grow. Pupils should six survivol, as well as to the processes of reproduction and growth in plants. *Increase of the plants are supplied to the plants as the content of the plants and the plants. *Increase of the plants are supplied to the plants as the plants. *Increase of the plants are supplied to the plants as they change over time from a seed or bulb, or observing similar that plants need width to stop healthy.
The Great Fire of London Our Local Area	The Four Seaso	ns & Weather Patterns		Within Living Memory

\* identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles

\* changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life

events beyond living memory that are significant nationally or globally (for example, the Great Fire of ondon, the first aeroplane flight or events commemorated through festivals or anniversaries)

Geography

\* use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

\* use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

\* use the eight points of a compass, found and 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

\* 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.

Year 3 & 4	Statutory requirements Pupils should be taught to: **complex that high tripings can be grouped in a variety of ways **complex that high tripings can be grouped in a variety of living things in their local and wider environments can change and that this can sometimes pose dangers to living things.  **Complex that environments can change and that this can sometimes pose dangers to living things.  **Very the state of the control of the state of t		" identify common appliances that run on electricity  * construct a simple series electrical circuit, identifying and animg lib basis parts, including cells, wires, bulbs, switches and buzzers  * identify whether or not a lamp will light in a simple series circuit, based on whether or not a the lamp is part of a complete loop with a battery  * recognise that a switch opens and close a circuit and associate his with whether or not a lamp in a simple series circuit  * recognise that a switch opens and closes a circuit and associate his with whether or not a lamp in a simple series circuit  * recognise some common conductors and insulators, and associate metals with being good conductors.		Statutory requirements  Pupils should be taught to:  *lidentify 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  *investigate the way in which water is transported within plants  *explore the part that flowers plan in the file cycle of flowering plants, including pollination, seed formation and seed dispersal.  *Notes and guidance (non-statutory)  *Pupils should be introduced to the relationship between structure and function the idea that every part has a job to do. They should epiloring questions that flows on the role of the roots and stem in nutrition and	Statutiony requirements Pupils should be taught to: **recognice that they need light in order to see things and that dark is the absence of light **recognice that light, refereded from surfaces **recognice that light, refereded from surfaces **recognice that light from the sun can be dangerous and that there are ways to protect their eyes **recognice that shadows are formed when the light from a light source is blocked by an opaque object **find patterns in the way that the size of shadows changes **Recognice that shadows are formed whost or light source is blocked by an opaque object **find patterns in the way that the size of shadows changes **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source is blocked by an opaque object **Recognice that shadows are formed whost or light source i	
	into snalls and slugs, worms, piders, and insects. More: Plants can be grouped into caregories such as flowering plants (including grasses) and non-flowering plants, such as ferms and mosses. Pupils should explore examples of human impact (both positive and negative) an environments, for example, the positive effects of onture reserves, ecologically planned parks, or garden ponds, and the negative effects of population and development, litter or deforestration. Pupils might work scientificially by using and anothing simple quides or keys to explore and elentify local plants and animals; making a quide to local living things; roising and answering questions based on their observations of animals and what they have found out about other animals that they have researched.  Expressions are supplied to the property of the p	(for example, to make food such as chocalate crisps cakes and ice-ream for a party). They could research the temperature a which materials change state, for example, when inor melts or when ourspen condenses into a liquid. They might observe and record evaporation over a period of time, for example, a puddle in the playground or vashing an a line, and investigate the effect of temperature on washing drying or snowmen melting.	Pupils should construct simple series circuits, trying different components, for example, bulbs, buzzers and motors, and including switches, and use their circuits to create simple devices. Pupils should drow the circuit as a pictorial representation, not encessarily using conventional circuit symbols of this stage; their be introduced up one.  Note: Pupils might use the terms current and voltage, but these should not be introduced or defined formally at this stage. Pupils should be tought about precautions for working safely with electricity. Pupils might work scientifically by: observing patterns, for example, that bulbs get brighter if more cells are added, that metals tend to be conductors of electricity, and that some materials can and some cannot be used to connect across a gap in a circuit.  Local Geo Study  The World Around Us		support, leaves for nutrition and flowers for reproduction.  Note: Pupils can be introduced to the leab that plants can make their own food, but at this stage they do not need to understand how this happens. Pupils implit work scientifically by: comparing the effect of not need to understand how this happens. Pupils implit work scientifically by: comparing the effect of different factors on plant growth, for example, the mount of plant, the cannot of prittler, discovering how seeds are formed by observing the different stages of plant life cycles over a period of time; looking for patterns in the structure of prittle that celebrate how the seeds or despersal. Then might observe how et a transported in plants, for example, by putting cut, white cannotons into coloured water and observing how water trovels up the stem to the flowers.		
	* the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China		* understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America	* locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities	* Ancient Greece – a study of Greek life and achievements and their influence on the western world		
	to make measurements and explain how to use it accurately. They should decide how to record data from a c Notes and guidance (non-statutory)	'iables where necessary' repeat readings when appropriate ables, scatter graphs, bar and line graphs ss of and degree of trust in results, in oral and written forms such as displays and other presentations tions; select and plain the most appropriate type of scientific enquiry to use to answer scientific questions; rec	futes or supports their ideas. They should use their results to identify when further tests and observations mig	ind why. They should use and develop keys and other information records to identify, classify and describe in In the needed; recognise which secondary sources will be most useful to research their ideas and begin to seg	uing things and materials, and identify patterns that might be found in the natural environment. They should m parate opinion from fact. They should use relevant scientific language and illustrations to discuss, communicat	take their own decisions about what abservations to make, what measurements to use and how long to make them for, and whether to repeat them; chaose the most appropriate equipment ead justify their scientific ideas and should talk about how scientific ideas hove developed over time.	
	Light (Y6)	Materials (YS)	Animals inc. Humans (exercise & heart Y6)	Living Things & Habitats Classification (Y6)	Living Things & Habitats (flower plants YS)	Animals inc. Humans (lifecycle, babies, growth YS)	
Year 5 & 6	Statutory requirements Pupils should be taught to: *recognise that light appears to travel in straight lines *recognise that light pareyers to travel in straight lines *see the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye *explain that we see things because light travels from light sources to ouljects and then to our eyes *sue the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.  Notes and guidance (non-stoilutory) Pupils should build on the work on light in year 3, exploring the way that light behaves, including light sources, reflection and shadows. They should talk about what hoppens and moke predictions. Pupils implit work scientifically by deciding where to place reer-view mirrors or acrs, designing and making a persiscogn of using the idea to tall gift appears to travel in straight lines to explain how it works. They might investigate the relationship between light sources, objects and shadows by using shadow uppets. They could extend their experience (glist by looking a range of phenomena including randows, colours on scoap bubbles, objects looking bent in water and coloured filters (they do not need to explain why these phenomena occur).	Skitulory requirements Pupils should be taught to:  * compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets  * how that some materials will dissolve in liquid to form a solution, and describe how to recover a substance form a solution of the	*Identify and name the main parts of the human criciatory system, and describe the functions of the heart, blood vessels and blood the two pitch of the functions of the heart, blood vessels and blood to the way their bodies function and control of the control o	Statutory requirements Pupils should be taught to:  *describe how living things are classified into broad groups according to common observable characteristic and based on similarities and differences, including microorganisms, plants and animals *give reasons for classifying plants and animals based on specific characteristics.  Note that the plant of t	Statutory requirements Pupils should be taught to:  * describe the differences in the life cycles of a manmal, an amphibian, an insect and a bird  * describe the life process of reproduction in some plants and animals.  * describe the life process of reproduction in some plants and animals.  * Pupils should study and roise questions about their local environment throughout the year. They should  bosenve life-cycle changes in a variety of living things, for example, plants in the vegetable garden or flower  border, and animals in the local environment. They should flad out about the work of naturalists and  animal behaviourists, for example, Dowld Atterborough and Jane Goodall. Pupils should flad out about  afferent types of reproduction, including sexual and sexual perpoduction in plants, and sexual  reproduction in animals. Pupils might work scentifically by: observing and companing the life cycles of  plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals in their local environment with other plants and animals.	Statutory requirements Pupils should be taught to: **describe the changing as humans develop to old age. **Notes and guidance (non-statutory) **Pupils should date an aimlant to indicate stages in the growth and development of humans. They should learn about the changes experienced in puberty. Pupils could work scientifically by researching the gestation periods of other animals and comparing them with humans, by finding out and recording the length and mass of a baby as it grows.	
	WW2 - local study		History of W.Africa/Benin		Extreme Earth		
	* a local history study  Examples (non-statutory)  * a depth study lined to one of the British areas of study listed obove  * a study over time tracing how several aspects of notional history or effected in the locality, this can go beyond 1066)  * a study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.		* a non-European society that provides contrasts with British history – one study chosen from: early islamic civilization, including a study of baghdad c. AD 900; Mayan Civilization c. AD 900; Benin (West Africa) c. AD 900-1300.		* describe and understand key aspects of:  * physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcances and earthquakes, and the water cycle  * identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)		

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