

Harriers

Rivers

Watery Worlds

To be a Scientist I need to:

- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- describe the life process of reproduction in some animals
- describe how micro-organisms and animals are classified into groups based on similarities and differences
- give reasons for classifying animals based on specific characteristics.
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals are adapted to suit their environment in different ways and that adaptation may lead to evolution.

I will:

- observe carefully and collect data to answer questions scientifically
- take measurements carefully by choosing the appropriate tool
- plan and set up simple practical investigations, using fair tests
- record what I have found out by drawing conclusions and making links
- further my own learning through research
- use what I know to predict and plan further investigations
- use scientific words, diagrams and charts when recording

Important Science Words

mammal	amphibian	Micro-organism	gestation
variation	evolution	adaptation	inherit
palaeontologist	invertebrates	vertebrates	environment

To be a Historian I need to:

- know about the achievements of the earliest civilizations and when and where they appeared, in particular Ancient Egypt

I will:

- analyse connections, trends and contrasts over time
- produced detailed, structured work by selecting appropriate information and making use of historical terminology
- evaluate sources, explaining different interpretations

Important History Words

Year 3/4 words	BC/AD	ancient	civilisation
hieroglyphics	archaeologist	dynasty	Canopic
Pharaoh	sarcophagus	inundation	Akhet

To be a Musician I need to:

- improvise and compose music

I will:

- listen and describe the elements in music using a wide variety of musical vocabulary correctly
- purposefully create different moods by combining sounds, adapting as necessary
- perform composed and improvised music confidently

Important Music Words

Year 3/4 words	texture	improvise	compose
structure	style	unison	solo
hook	synthesiser	harmony	audience

To be a Geographer I need to;

- know the position and significance of major lines of latitude and longitude e.g. Equator, Tropic of Cancer, Tropic of Capricorn, Arctic and Antarctic circles, the Prime line and how this affects time zones
- locate the world's rivers in different countries using maps, atlases and globes
- describe human and physical geography around major rivers

I will;

- choose the most appropriate map for my purpose
- follow routes on maps, explaining what can be seen
- use six figure co-ordinates
- ask good questions – thinking about cause and effect
- develop my views about geographical issues or event in the news
- use geographical words and present data when recording findings

Important Geography Words

delta	estuary	source	tidal
meander	mouth	pollution	erosion
basin	harbour	Flood plain	tributary
current	confluence	silt	oxbow

canopy tropical emergent deforestation

To be a Computer expert I need to;

- collect, analyse, evaluate and present data and information.

I will;

- create computational models to solve problems
- collect and input relevant data
- add the correct formulas to cells
- explain what has been calculated and how the spreadsheet has helped

Important Computing Words

Year 3/4 words	average	formula
random	probability	layout
efficiency	manipulate	format

To be an Artist I need to;

- Design and create printing blocks using a relief or impressed method.
- print with at least three colour overlays
- work into prints with a range of media e.g. pens, paints

I will;

- plan, and adapt my art based on how I want to make myself and others feel
- learn from artists from other cultures or time periods
- stay focused and patient for long periods of time
- use a wide range of tools carefully and independently

Important Art Words

Year 3/4 words	impress	relief	overlay
repeating	etch	indent	precision

How I can live in, and love God's amazing world;

- Find out about water pollution in the world's rivers, seas and oceans
- Find out about the effects of industry on our rivers
- Compare my life with those living in other parts of the world, without a water supply
- Investigate water related charities
- Do something!