

Science

Evolution and inheritance

Pupils should be taught to:

- 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 and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Animals, including humans

Pupils should be taught to:

- Identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood.
- Recognise the impact of diet, exercise, drugs and lifestyle on their bodies function.
- Describe the ways in which nutrients and water are transported within animals including humans.
- To describe the changes as humans develop to old age.

Identifying scientific evidence that has been used to support or refute ideas or arguments.

TERM 5: That's life!



Art and Design

To improve mastery of art and design techniques including drawing and sketching.

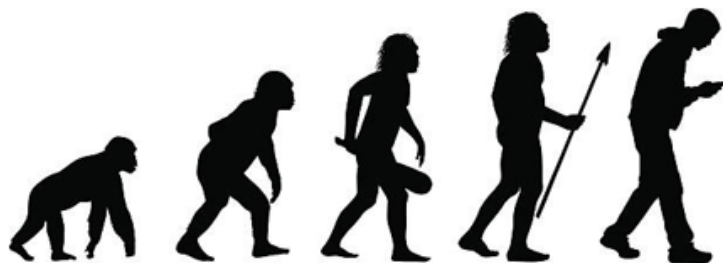
(Charles Darwin animal sketches).

To create sketch books to record observations and use them to review and revisit ideas.

PSHCE

Healthy Lifestyles - importance of a healthy diet and exercise - the effects this has on the body. The dangers of smoking.

To know the dangers of taking drugs and have a range of strategies to deal with peer pressure (circle time activities)



Computing

Understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration (Website design - Purple Mash).

French

Au Parc D'Attractions

Making statements about visiting a theme park referring to the past.

Expressing an opinion about what a theme park ride was like.

Using adjectives to add interest and detail to a description.

RE

What is the meaning of Easter?

Why is the Last Supper so important to Christians?

Demonstrating an understating of the Last Supper, its significance at the time of Jesus and beliefs today.

DT/Box

STEM ambassador visit

Understand and use mechanical systems in their products (e.g. gears, pulleys, cams, levers and linkages)

TERM 5: Non-Theme

Geography Teesmouth Field Centre

Geographical skills and fieldwork

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.

Name and locate counties and cities in the UK, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers and land-use patterns.

Use the eight points of a compass, six figure grid references, symbols and key (including the use of ordnance survey maps) to build their knowledge of the UK and the wider world.

Music

Use and understand stave and other musical notation.

PE

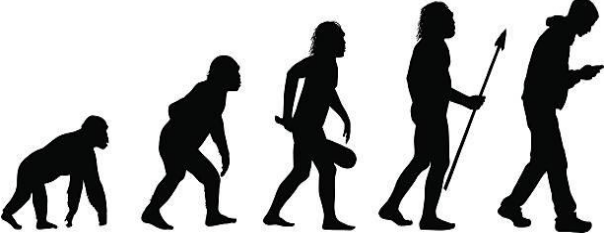
1. Swimming intervention
2. Basketball
3. Dance
4. Mini Tennis
5. Outdoor and Adventurous Activity (Residential)

Pupils should be taught to:


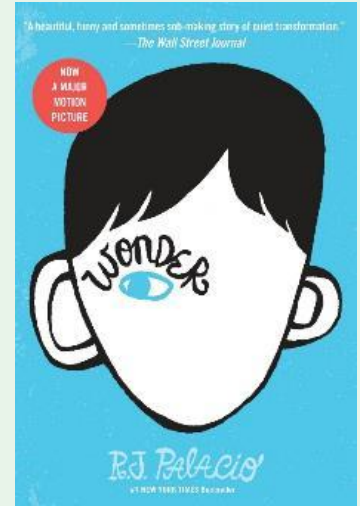
- ♣ use running, jumping, throwing and catching in isolation and in combination
- ♣ play competitive games, modified where appropriate (for example, basketball and tennis), and apply basic principles suitable for attacking and defending
- ♣ perform dances using a range of movement patterns
- ♣ take part in outdoor and adventurous activity challenges both individually and within a team
- ♣ compare their performances with previous ones and demonstrate improvement to achieve their personal best.
- ♣ swim competently, confidently and proficiently over a distance of at least 25 metres
- ♣ use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
- ♣ perform safe self-rescue in different water-based situations.




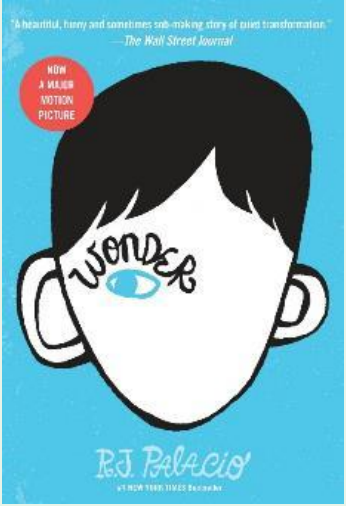
Year 5/6 Term 5 : That's Life - Theme

Vocabulary	Knowledge		Exciting Books
Offspring	I know that living things have changed over time, because we can see their remains in the rocks.		<h2>Objectives – Science</h2>
Adaptation	I can detail the process of fossilisation.		
Evolution	I can describe types of fossils.	<p>Evolution and inheritance Pupils should be taught to: 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 and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p> <p>Animals, including humans Pupils should be taught to: Identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on their bodies function. Describe the ways in which nutrients and water are transported within animals including humans. To describe the changes as humans develop to old age.</p> <p>Identifying scientific evidence that has been used to support or refute ideas or arguments.</p>	<h2>Assessment</h2> <p>I recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth.</p> <p>Rising Stars Assessment of knowledge.</p>
Inheritance	I can describe types of fossils.		
Palaeontologist	I know that the animals and plants of today are different from those of long ago.		
Charles Darwin	I know the discoveries made by Charles Darwin.		
Genes	I know the discoveries made by Charles Darwin.		
Chromosomes	I know how animals adapt to their environment.		
Syndrome	I know how animals adapt to their environment.		
Genotype	I know that evolutionary questions are still being actively researched by biologists.		
Variation	I know that evolutionary questions are still being actively researched by biologists.		
Fossilisation	sediment		

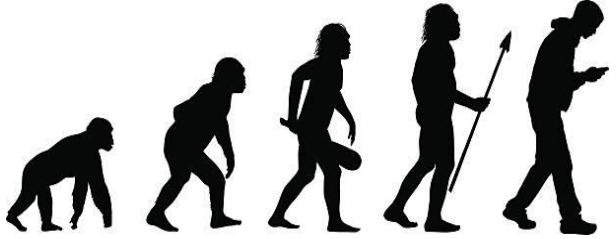
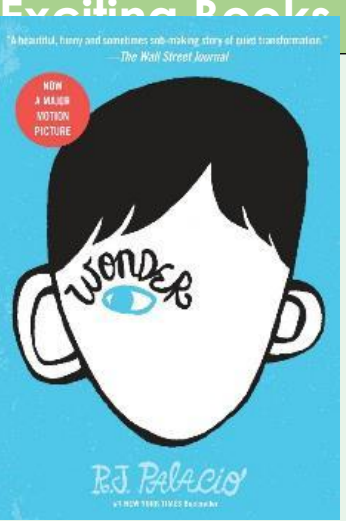
Year 5/6 Term 5 : That's Life - Theme

Vocabulary		Knowledge		Exciting Books
tone		I know how to use a variety of techniques to create a 3D effect in my sketching <ul style="list-style-type: none"> - different tones, - control materials including pencil / charcoal - cross- hatching. 		
Cross-hatch		I can use perspective to represent distance in my sketching.		
perspective		I can annotate work in my sketch books, evaluating and making improvements.		
dimensions				
Arteries	veins	I know the effects that cigarettes can have on the body.	Objectives – Art and Design and PHSCE	
Capillaries	heart			
transfusion		I know the effect that fatty foods can have on the circulatory system.	Art and Design To improve mastery of art and design techniques including drawing and sketching. (Charles Darwin animal sketches). To create sketch books to record observations and use them to review and revisit ideas.	
enzymes	diet			
nutrients		I know the three types of blood vessels and their individual roles	PSHCE Healthy Lifestyles - importance of a healthy diet and exercise - the effects this has on the body. The dangers of smoking. To know the dangers of taking drugs and have a range of strategies to deal with peer pressure (circle time activities)	
Circulatory system		I understand how nutrients allow your body to perform daily activities.		
Respiratory system				
Assessment				
<ol style="list-style-type: none"> I know how to use a variety of techniques to create a 3D effect in my sketching <ul style="list-style-type: none"> - different tones, - control materials including pencil / charcoal - cross- hatching. I can use perspective to represent distance in my sketching. I can annotate work in my sketch books, evaluating and making improvements. <ol style="list-style-type: none"> I know the effects that cigarettes can have on the body I know the effects that fatty foods can have on the circulatory system I know the three types of blood vessels and their individual roles. I understand how nutrients allow your body to perform daily activities. 				

Year 5/6 Term 5 : That's' Life - Non-Theme

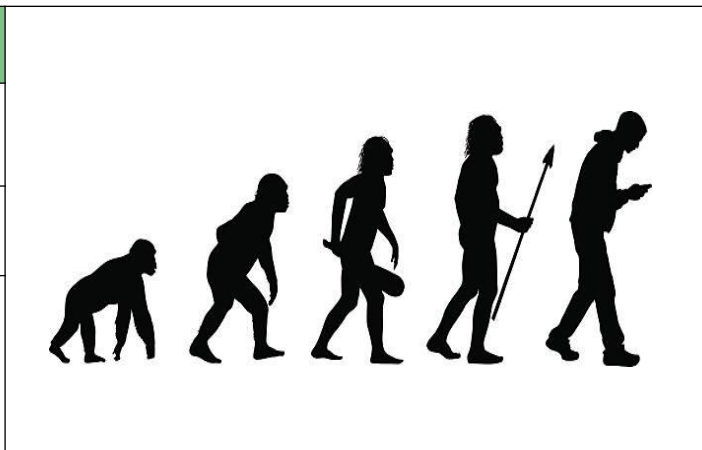
Vocabulary		Knowledge		Exciting Books
Ordinance survey		I know how to use fieldwork to observe, measure, record and present the human and physical features in the local area.		
Human and Physical features		I can use a range of methods, including sketch maps, plans and graphs, and digital technologies.		
Topographical features		I know the names of and can locate counties and cities in the UK.	<h2>Objectives – Geography and Computing</h2>	
Coasts	Symbols			
Region	Counties	I can use the eight points of a compass, six figure grid references, symbols and key to build their knowledge of the UK and the wider world.	<p>Geography Teesmouth Field Centre Geographical skills and fieldwork 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. Name and locate counties and cities in the UK, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers and land-use patterns). Use the eight points of a compass, six figure grid references, symbols and key (including the use of ordnance survey maps) to build their knowledge of the UK and the wider world.</p>	
World wide web		I know how to compare features of different websites.	<p>Computing Understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration (Website design - Purple Mash).</p>	
Hyperlink		I know how to organise digital content		
Digital content				
Appropriate information		I know what a home page is		
E-safety		I know how to add pages to a website		
		I know how to include a hyperlink		
		I know how to add an image to a website	<h2>Assessment</h2> <ol style="list-style-type: none"> I can use a range of methods, including sketch maps, plans and graphs, and digital technologies. I know the names of and can locate counties and cities in the UK. I can use the eight points of a compass, six figure grid references, symbols and key to build their knowledge of the UK and the wider world. I know how to compare features of different websites. I know how to organise digital content. I know what a home page is. I know how to add pages to a website. I know how to include a hyperlink. I know how to add an image to a website. 	

Year 5/6 Term 5 : That's Life- Non-Theme

Vocabulary		Knowledge		Exciting Books	
Au Parc D'Attraction		I can make statements about visiting a theme park whilst referring to the past.			
passionnant	Rapide				
Sensationnel		I can express an opinion about what a theme park ride was like.			
La grande huit					
Le train fantome		I can use adjectives to add interest and detail to a description.			
Taille minimum					
Il faut avioour					
Gospels		know the Last Supper is described in three of the four New Testament Gospels, Matthew, Mark and Luke.	Objectives – French and RE		
Disciples		I know that Jesus and his disciples gathered together for a last meal before his arrest.	French <u>Au Parc D'Attractions</u> Making statements about visiting a theme park referring to the past. Expressing an opinion about what a theme park ride was like. Using adjectives to add interest and detail to a description.		
Bread and wine					
symbols	Passover	I know that Jesus gave his followers symbols.	RE What is the meaning of Easter? Why is the Last Supper so important to Christians? Demonstrating an understating of the Last Supper, its significance at the time of Jesus and beliefs today.		
New Testament					
Assessment					
1. I can make statements about visiting a theme park whilst referring to the past. 2. I can express an opinion about what a theme park ride was like. 3. I can use adjectives to add interest and detail to a description. I can demonstrate an understanding of the Last Supper, it's significance at the time of Jesus and beliefs today.					

Year 5/6 Term 5 : That's Life- Non-Theme

Vocabulary		Knowledge
rest	Note	I know mnemonics to identify the base and treble clef notes.
notation	chord	I know that different notes have different lengths.
quaver	Semi quaver	I know a note has a beat and time value.
crochet	minim	I can follow simple musical notation.
key	Base / treble clef	I can compose a short piece of simple music.
dynamics	harmony	I can perform my composition using instruments.
melody	Semi breve	
pulleys	Cams	know how to construct a product which reflects a detailed plan.
levers	Linkages	I can explain how simple cams mechanisms work.
mechanism	Component	I can explain how rotary motion is converted into a linear motion in a mechanical system.
convert	motion	
rotary	linear	
follower	product	
Mechanical systems		



Objectives – Music and Design Technology

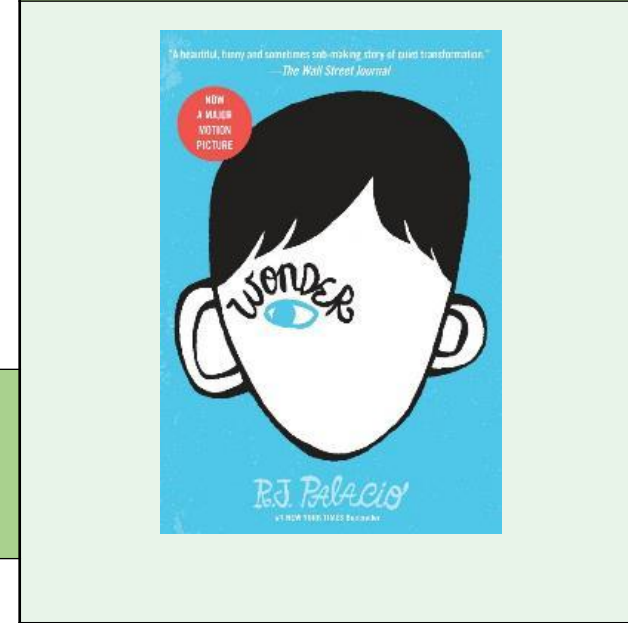
Music

Use and understand stave and other musical notation.

DT knex (constructing)
STEM ambassador visit

Understand and use mechanical systems in their products (e.g. gears, pulleys, cams, levers and linkages)

Exciting Books



Assessment

- I can follow simple musical notation.
 - I can compose a short piece of simple music
 - I can perform my composition using instruments.
- I know how to construct a product with mechanical systems, which reflects a detailed plan.