



Survival of the Fittest Autumn 1



Our Key Enquiry Questions are...

Is there a place for everything? (food chains, living things & habitats)

Where does my food go? (digestive system)

How do we grow and change over time? (human skeleton)

Websites:

<https://kidshealth.org/en/kids/htbw/>

<https://www.dkfindout.com/uk/human-body/skeleton-and-bones/>

<http://www.sciencekids.co.nz/humanbody.html>

<https://easyscienceforkids.com/human-body/>

<https://www.ducksters.com/science/biology/humanbody.php>

<https://www.bbc.com/bitesize/articles/z93vdxs>

<https://www.topmarks.co.uk/Search.aspx?q=food+chain>

<http://www.sssciencekids.co.nz/gamesactivities/plantsanimals.html://www.bbc.co.uk/scotland/education/www/living/kids.shtml>

Challenges for Home:

See half termly project letter (in homework book)

Please tweet us using the hashtags below if you see your child showing any of our Archibald qualities.

We will continue to teach the children how to make the right choices and be **#ResponsibleCitizens**

Through our creative curriculum, we will be **#HavingFun** whilst learning.

We will continue to inspire and develop **#ConfidentIndividuals**

Key Dates and Reminders:

PE Class 10—Wednesday & Thursday

Class 9—Monday & Thursday

GJA Transition Morning - tbc

The School will be closed on Monday 7th September and Friday 23rd October for staff development days.

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Literacy

In narrative texts, the children will cover stories that build suspense, adverts and news reports. They will also look at descriptive poems including cinquins, writing their own centred around the environment. They will also write poems that convey images, using similes and metaphors, as well as learning and performing poems in groups.

The children will also complete reading and writing tasks linked to their work on Survival of the Fittest; persuasive reports, news reports, explanatory texts etc. In speaking and listening, children will take part in drama, role - play and hot -seating activities. They will also have the opportunity to present their work to others, where appropriate, using ICT. Guided Reading and comprehension / spelling sessions will take place each week; children will complete a series of activities and tasks to support with the acquisition and development of reading skills; we will also be introducing class novels.

Handwriting and spelling homework will be sent home weekly.

Numeracy

Maths work will centre around the children developing their reasoning and problem solving skills; these strategies will be woven into all strands of mathematics. Children will be encouraged to use and apply written methods of calculation to all aspect of their work, where appropriate. The children will learn a range of mental strategies and written methods to help them to calculate numbers, and will be encouraged to explain their methods orally. They should learn the multiplication facts up to 12 x 12 and be able to derive the corresponding division facts. They will use various measures to understand weight and capacity using a range of practical activities. They should choose and use standard metric units and their abbreviations when estimating, measuring and recording weight and capacity. Children will have the opportunity to use a variety of equipment, including ICT, to support their learning.

Children will receive weekly homework tasks that consolidate skills and knowledge acquired in school.

PE *Having fun, keeping healthy and learning new skills...*

Children will enjoy weekly sessions of outdoor PE where they will develop agility, balance and coordination through a series of non contact games and activities. They will also continue with the Daily Mile.

PSHE

We will help the children settle in to school life again and the key focus will be their emotional well-being. They will explore how we keep our bodies fit and healthy and will look at individual case studies, offering advice and improvements to lifestyles, where appropriate. A No Outsiders theme will also be explored with a focus on inclusivity, respect and tolerance.

RE *Developing respect, tolerance, understanding and knowledge...*

Children will reflect on the groups they belong to within the local community. They will use a range of sources to learn about different religions and how communities live and worship starting with a focus on Hinduism.

Music—*listening, appreciating, interpreting, playing, developing...*

The Children will continue with their weekly 'Charanga' music sessions, with a focus on performing songs and appraising music. The focus for this half term will be songs and music from the 70s and 80s, in particular, songs inspired by ABBA!

Computing

Children will begin the year learning about the importance of E Safety. They will learn how to be safe, respectful and responsible when online in order for them to be good digital citizens. Children will also use excel to create their own simple spreadsheet for a café, calculating formulas.

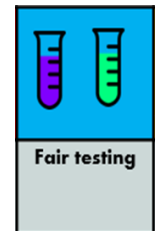
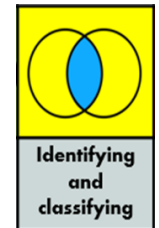
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Science

The key enquiry questions will be explored through the following activities.

The children will use a range of resources, including ICT, to research Healthy Lifestyles. They will label the skeleton and learn about the function of some of the bones. The children will learn how bones and muscles help us move and will conduct an investigation to measure the effect of exercise on the body by measuring pulse rate. They will have the opportunity to learn about different food groups and will construct their own food pyramid. They will research the importance of a balanced diet and the long term effects on health. They will explore in depth how the digestive system works and will learn about the function of some of the organs, including the heart and lungs. Children will group living things in different ways and will use classification keys to identify and name a variety of living things in their local and wider environment. They will explore how environments can change and how this can sometimes pose dangers to living things. Food chains will also be constructed and interpreted, with the children identifying producers, predators and prey. Children will record their work in a variety of ways including: written reports, graphs, charts, diagrams, tables and computer spread sheets. Children will be encouraged to think independently and raise questions about working scientifically and the knowledge and skills it brings. Children will develop practical skills in a range of contexts, and plan and carry out investigations, making predictions, considering evidence and drawing conclusions. Children will be encouraged to use and apply the correct terminology and demonstrate their understanding in written and verbal form.



Observation over time, Identifying and Classifying, Researching, Fair Testing, Pattern seeking

Art/Design Technology

Children will look at the work of Cezanne, Picasso and Meade and will paint the human body in the same style. They will explore a range of techniques to develop their own ideas, whilst taking inspiration from the greats.

Key Vocabulary

Science (living things/habitats)

food chains
predator
prey
consumer
producer
classification keys
adaptation
herbivore, carnivore, omnivore
habitat

Science (human body)

Nutrition
skeleton
names of main bones in the human body
names of organs
pulse rate
bacteria
digestive system (liver, stomach, pancreas, large intestine, small intestine, rectum, anus, oesophagus, enzymes)



Literacy

Genre	fronted adverbial
Characterisation	adverbial phrases
Suspense / tension	possessive apostrophe
Dialogue	regular and irregular plurals

Numeracy

Place value, thousands, hundreds, tens, ones, rounding
> more than <less than = equal to
sum, total, difference, add, subtract,
inverse, multiple, multiplication, division

Key Stage 2

- *Use a dictionary to find out the meanings of these words.*
- *Have you ever come across the words before in a different topic / subject?*
- *Can you think of alternative words to use?*
- *Can you use these words within your work?*

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