



# Survival of the Fittest Spring 1



**Our Key Enquiry Questions are...**

**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 (on Seesaw).

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:**

The Spring half term will run from Tuesday 4th January—Friday 18th February.

**Please note that there is a staff development day mid term on Friday 28th January 2022.**

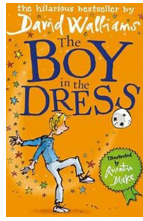
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## Literacy

This half term children will complete reading and writing tasks based upon the novel, *The Boy In The Dress*, by David Walliams. The children will write character profiles, formal reports and will investigate how an argument is presented. In addition to this, they will write fictional biographies and explore events from different points of view. In all written work, children will propose changes to grammar, punctuation and vocabulary to improve consistency and accuracy. Children will also complete writing tasks linked to their work on *Survival of the Fittest*. 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 sessions will take place weekly; children will complete a series of activities and tasks to support with the acquisition and development of reading skills. Spelling homework will be sent home weekly.



## Numeracy

The children will add and subtract mentally pairs of two digit numbers. They will be encouraged to explain their methods orally. They should learn the multiplication facts up to  $12 \times 12$  and be able to derive the corresponding division facts. They will solve word problems involving one or two steps and will be encouraged to develop their reasoning skills. Children will be continuing their learning with fractions and will also be introduced to decimals.

All children will have a weekly problem solving session that focuses on the application of written methods. Children will also use ICT to support their learning. Weekly homework tasks will centre around work covered in class and core basic skills. Weekly homework tasks will be sent home each week that consolidates learning in the classroom. Children will also have regular opportunities to practise their times tables. By the end of Year 4, children should know all of their time tables up to  $12 \times 12$ .



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

Children will continue to 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

Our focus this term will be 'Community'. We will be finding out about the different groups that make up our community and how a shared responsibility creates community spirit. We will explore the valuable contributions that people make to improve our local area and services.

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

As we continue to study Hinduism, we will focus on worship, celebration and sacred stories within the Hindu religion.

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

Children will continue with their weekly 'Charanga' music sessions. The focus for this half term will be learning to play the glockenspiel.

## Computing

The children will use ICT to support learning in other curriculum subjects. They will undertake research using selected websites and software, and will present their findings in different ways. They will continue to refine their coding skills in order to produce algorithms, independently using logical and appropriate structures to organise and record data.

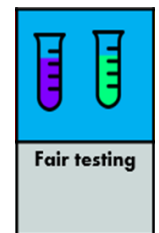
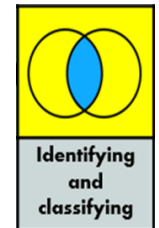
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## Science

*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 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



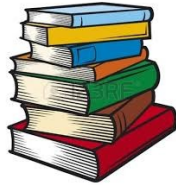
## Science (Human Body)

Nutrition (food groups—fibre, protein, vitamins, minerals, calcium, fats, sugars)  
skeleton (skull, ribs, spine, femur, tibia, pelvis, humerus, patella, radius, sacrum)  
names of organs (lungs, heart, liver, kidney, brain, skin, pancreas)  
pulse rate  
bacteria  
digestive system (liver, stomach, pancreas, large intestine, small intestine, rectum, anus, oesophagus, enzymes)



## Literacy

Formal writing	fronted adverbial
Haiku	homophones
antonym	prefix
Clause	suffix
Commas	pronoun
regular and irregular plurals	



## 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?*

## Numeracy

Place value	fraction	rounding
Inverse operation	decimal	frequency
Multiples	data	
estimate	statistics	



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