

Year 3 Autumn 2 Inside the Human Body



Curriculum Driver:
Science
PSHCE

Create Explore Discover



Year 3 Autumn 2 - Inside the Human Body

Key Curriculum Driver: Science

Other Curriculum Areas: PSHE

Rationale: Inside the human body will provide the opportunity for children to **explore** nutrition, the transportation of water and nutrients in the body, and the muscle and skeleton system of humans and animals. In addition, children will explore the human digestive system, human teeth and circulatory system and compare them to other living things as stated in the National Curriculum.

By the end of this topic, most children will have:

The ability to think independently and raise questions about working scientifically and the knowledge and skills that it brings.

- Have confidence and competence in a full range of practical skills, taking the initiative in, for example, planning and carrying out scientific investigations.
- Excellent scientific knowledge and understanding which is demonstrated in written and verbal explanations, solving challenging problems and reporting scientific findings.
- High levels of originality, imagination or innovation in the application of skills.
- A passion for science and its application in past, present and future technologies.

Children's knowledge will be shown by:

Extended Writing:

A persuasive text (This could be linked with persuading people to stop smoking, or give up fizzy drinks!)

A conquering monster tale (The monster could be a virus or a micro-organism perhaps?)

Poetry

Children could also complete a non-chronological report.

Purposeful Outcome – Added by class teachers after completing topic web.

Year 3

Autumn 2 – Inside the Human Body

Chris Quigley Milestones Covered

Subject	Milestone
Science	<ul style="list-style-type: none"> • Ask relevant questions. • Set up simple, practical enquiries and comparative and fair tests. • Make accurate measurements using standard units, using a range of equipment, e.g. thermometers and data loggers. • Gather, record, classify and present data in a variety of ways to help in answering questions. • Record findings using simple scientific language, drawings, labelled diagrams, bar charts and tables. • Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. • Use results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests. • Identify differences, similarities or changes related to simple, scientific ideas and processes. • Use straightforward, scientific evidence to answer questions or to support their findings. • Identify the different types of teeth in humans and their simple functions. • Recognise that vibrations from sounds travel through a medium to the ear.
PSHE	<ul style="list-style-type: none"> • Understand what makes a healthy lifestyle.

Topic Hook

Visit from Thackray museum. Learning all about teeth and hygiene.

Title: Inside the Body

Curriculum Driver: Science

Topic Outcome

To understand about healthy lifestyles and your insides.

Coverage (Main Focus)

Begin topic with a visitor from Thackray museum, visitor to teach children all about healthy teeth and hygiene.

Science - Understand what the healthy foods are and the different food groups.

P.E – set up fitness circuits to make comparative fair tests.

Science – create a variety of science experiments to investigate teeth in coco cola and the effects.

Children to record the results and investigate and compare results.

Investigate 'How the heart works' – link to fitness circuits. How does the heart pump blood around the body? How does it work? Investigate and report on findings.

Comparing healthy and unhealthy foods – can you create healthy snack that improves the unhealthy foods we eat. Report the findings and present new snack.

Compare two different fitness circuits and report on the results for which one is better and why.

PSHCE – promoting healthy lifestyles. Children to try healthy snacks and report on their like/dislike of the food.

Science – naming / identifying different parts of inside the body. What are they used for? Why do we need them?

Free Writing Stimulus

Children’s own research of the Inside the body. What can you Find out? What do you know?

Healthy eating poster / persuasive Poster for a healthy lifestyle.

Extended Writing Genres and Activities

English - Persuasive writing for promoting a healthy lifestyle and diet.

Trips and Experiences

Special visitor from Thackray museum.

Other subject Coverage

P.E – fitness circuits (investigating how the heart pumps blood around the body and what changes happen when we exercise.

Art – create whole class body (including internal organs). Children to create different parts of the body and all come together.

History – Florence Nightingale. How medicine and operations have changed over time. What we knew about the body in the past compared to now.

Linked Texts

