

Science

Moving, Growing and Eating

National Curriculum Links:

Pupils should be taught to:

- Identify that animals, including humans, need the right types and amounts of nutrition, and that they cannot make their own food
- Identify the different types of teeth in humans and their simple functions
- Identify that humans and some animals have skeletons and muscles for support, protection and movement

Learning Outcomes

Children will be able to:

- Identify foods for growth and foods for energy
- Identify food that damages their teeth
- Understand that animals including humans need to eat in order to grow and be active
- Investigate the diet of animals
- Understand an adequate and varied diet is needed to keep healthy
- Name and identify the functions of human teeth
- Explain why it is important to look after our teeth and gums
- Explain why we have two sets of teeth
- Compare the teeth of carnivores and herbivores, suggesting reasons for the differences
- Know that life processes common to humans and other animals include nutrition, movements, growth and reproduction
- Explain that the heart acts as a pump to circulate the blood through vessels around the body, including through the lungs
- Explain the effect of exercise and rest on pulse rate
- Explain that humans and other animals have skeletons and muscles to support and protect their bodies and to help them move
- Explain the main stages of the human life cycle
- Explain the effects on the human body of tobacco, alcohol and other drugs, and how these relate to their personal health

The Digestive System

National Curriculum Links:

Pupils should be taught to:

- Describe the simple functions of the basic parts of the digestive systems in humans

Learning Outcomes

Children will be able to:

- Identify the main body parts associated with the digestive system
- Explain the functions of these main body parts
- Describe the processes involved as food is digested by the human body.

Scientific Enquiry: Which drink rots teeth the quickest?



Physical Education

Multi-skills

National Curriculum Links

Pupils should be taught to:

- Use running, jumping, throwing and catching skills in isolation and in combination
- Play competitive games and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance

September 2020: 'And How Are You?' Whole School Theme

Health and Well-Being, Mindfulness, Team Building and Friendship and the Daily Mile

Maple Class

Let's Get Moving



Foreign Languages

French: Bonjour et En Forme (keeping fit) and Fruit and Food / Leisure and Hobbies (CC)

National Curriculum Links

Pupils should be taught to:

- Listen attentively to spoken language and show understanding by joining in and responding
- Explore the patterns and sounds of language through songs and rhymes
- Appreciate stories, songs, poems and rhymes in French

Learning Outcomes:

Children will be able to:

- Greet each other and introduce themselves
- Describe each other using language for main body parts

Keeping Fit: Fruit & Food / Leisure & Hobbies (CC)

Learning Outcomes:

Children will be able to:

- Name several fruit and food items
- Hold a conversation about which foods are good / bad for your health
- Name some well-known sports
- Discuss likes / dislikes of different sports.



PSHE

Healthy Lifestyles

National Curriculum Links (PSHE Association):

Pupils should be taught to:

- Understand and appreciate the importance of a healthy active lifestyle
- Understand we all have a responsibility for looking after ourselves
- Understand the importance of regular effective exercise and the benefits our body receives
- Appreciate and understand what happens to our body during different levels of activity
- Understand what a healthy diet consists of
- Appreciate and respect others' opinions and values

COVID Catch-up (CC) - Standalone work

Rights and Responsibilities, Taking Care of the Environment and Money Matters

National Curriculum Links (PSHE Association)

Pupils should be taught to:

- About respect for self and others
- The importance of responsible behaviours and actions
- About rights and responsibilities as members of families, other groups and ultimately as citizens
- About different groups and communities
- To respect equality and to be a productive member of a diverse community
- About the importance of respecting and protecting the environment
- About where money comes from, keeping it safe, and the importance of managing it effectively
- How money plays an important part in people's lives
- A basic understanding of enterprise

Computing

Interactive Information Book

National Curriculum Links

Pupils should be taught to:

- Select, use and combine a variety of software on a range of digital devices to design and create content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use search technologies effectively and to be discerning in evaluating digital content

Learning Outcomes

Children will be able to:

- Use search engines safely to locate information and images on the web
- Evaluate search results in terms of bias and accuracy
- Select and use appropriate software to produce an information booklet



Topic-Based English

All About Me & Information Booklets

National Curriculum Links

Pupils should be taught to:

- Develop positive attitudes to reading and understanding of what they read by increasing their familiarity with a range of books and text types
- Discuss the words that capture the readers interest
- Retrieve and record information from fiction and non-fiction books
- Plan, draft, write, evaluate and edit their written work
- Read aloud their own writing, using appropriate intonation and controlling the tone and volume so that the meaning is clear
- Increase the legibility, consistency and quality of their handwriting
- Proof read for spelling and punctuation errors

Learning Outcomes:

Children will be able to:

- Describe themselves and write about their family, friends, hobbies and favourite foods.
- Carry out and collate research on various aspects of the human body
- Write poems about ourselves and our bodies/skeletons
- Write explanations describing how an aspect of the human body works

Mastering English

- ✓ Create information texts about the human body.
- ✓ Write an explanation about an aspect of the human body.

Design Technology

Savoury Muffins

National Curriculum Links

Pupils should be taught to:

- understand and apply the principles of a healthy and varied diet
- prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques
- understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

Learning Outcomes

Children will be able to:

- Divide food into different groups that form part of a healthy diet
- Examine a variety of different fillings, considering flavours and textures.
- Design and plan a savoury muffin for a particular purpose and audience.
- Create a savoury muffin using a range of cooking techniques.
- Evaluate a finished product.

Maths

National Curriculum Links

Number - Place Value

Pupils should be taught to:

- Find 1000 more or less than a given number
- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)
- Order and compare numbers beyond 1000
- Identify, represent and estimate numbers using different representations
- Round any number to the nearest 10, 100 or 1000
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers
- Count backwards through zero to include negative numbers

Number -Addition and Subtraction

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Estimate and use inverse operations to check answers to a calculation
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why

Mastering Mathematics

- ✓ Make and record careful measurements of the human body in Science.
- ✓ Make careful measurements in Design & Technology.

Art & Design Natural Sculptures COVID Catch-up (CC) – Standalone work

National Curriculum Links

Pupils should be taught to : Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials

About great artists, architects and designers in history (Peter Mondrian).

Outdoor Learning Opportunities

Moving & Growing

- Children can demonstrate their knowledge of the human skeleton by creating skeletons using natural materials.(CC)
- Investigating different movements and how their body reacts.

The Digestive System

- Carry out 'From Food to Poo' activity.

Maths

Standalone Unit-Geometry: Properties of Shape Years 3&4 Objectives (CC)

National Curriculum Links

(Year 3) Pupils should be taught to (shape):

- Recognise angles as a property of shape or a description of a turn.
- Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.
- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
- Draw 2-D shapes and make 3-D shapes using modelling materials.
- Recognise 3-D shapes in different orientations and describe them.

(Year4) Pupils should be taught to (properties of shape):

- Identify acute and obtuse angles and compare and order angles up to two right angles by size.
- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
- Identify lines of symmetry in 2-D shapes presented in different orientations.
- Complete a simple symmetric figure with respect to a specific line of symmetry.

Standalone Unit: Fractions Years 3&4 Objectives CC

Year 3 Pupils should be taught to (fractions):

- Recognise and show, using diagrams, equivalent fractions with small denominators.
 - Compare and order unit fractions, and fractions with the same denominators.
 - Add and subtract fractions with the same denominator within one whole (for example, $5/7 + 1/7 = 6/7$)
- Year 4 Pupils should be taught to (fractions):
- Recognise and show, using diagrams, families of common equivalent fractions.
 - Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
 - Add and subtract fractions with the same denominator.

Music Mamma Mia (CC)

National Curriculum Links Pupils should be taught to:

- Play and perform in solo and ensemble contexts, playing musical instruments with increasing accuracy, fluency, control and expression
- Improvise and compose music for a range of purposes
- Listen with attention to detail and recall sounds

Religious Education (Discovery RE Syllabus)

Year 4 (Chestnut and Maple) – Judaism.

Learning Outcomes: Children will be able to:

- Explain why agreements are important and why they should be kept.
- Explain what makes Jewish people believe they have a special relationship with God.
- Explain some of the ways Jewish people express their special relationship with God and understand how that might feel.

P4C: How special is the relationship Jews have with god?

