

Art and Design

Art and Design: Year 6 Leavers Party.

Art: Tie-dying fabrics using inspiration from Tie-Dye Mary and Phillip Brown

DT: Write and make own recipes using simple ingredients and design and create packaging that is appealing and suitable for food.

Geography

The World:
Climate Zones
Vegetation Belts
Biomes
Map Skills

History

A local history study: Woodley

Literacy

Use Shackleton's Journey to:
write an **information text** for an encyclopaedia for the Shackleton expedition
write a letter to **persuade** a potential crew member to join Shackleton's expedition
Write a **quest story** based on the true events of Shackleton's expedition
Write a **biography** in the style of an informal magazine style about a successful person

Reading

The Wizard of Earthsea by Yrsula Le Guin

PSHE

To debate issues concerning health and wellbeing.
To be able to take part in making and changing rules.
To know how to handle and respond to aggressive behaviour.
To know that FGM and forced marriage are against British law.

Year 6: Summer
What is the secret to success?

Music

Reflect on own appreciation of music
Listen and appraise the work of women in the music industry

Computing

Create a playable game that responds to the user.

Maths

Consolidation of KS2 learning
Problem solving with addition, subtraction, division, multiplication fractions, decimals, percentages and money

Science

How to stay healthy
The human circulatory system

Year 6 Summer: What is the secret to success?

Writing

Planning

- ✓ Identify the audience and purpose of the writing, selecting appropriate form; using other similar writing as model for own.
- ✓ Making notes and developing initial ideas, researching where necessary.

Draft & Write

- ✓ selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- ✓ Use a wide range of devices to build cohesion within and across paragraphs. For example, by using:
 - ✓ Relative clauses
 - ✓ Adverbials
 - ✓ Conjunctions and connectives
 - ✓ Pronoun/noun variation.
- ✓ Using further organisational and presentational devices to structure text and to guide the reader.
- ✓ Recognise the difference between formal and informal language and use contracted forms to convey informality along with colloquial language.
- ✓ Use a variety of sentence lengths, structures or subjects.
- ✓ Précising longer passages.

Evaluate & Edit

- ✓ proof-read for spelling and punctuation errors
- ✓ assessing the effectiveness of their own and others' writing
- ✓ proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ✓ ensuring the consistent and correct use of tense throughout a piece of writing
- ✓ Perform compositions using intonation, movement and volume to clarify meaning.
- ✓ Use correctly punctuated bullet points.

Grammar

- ✓ Use brackets, commas and dashes for parenthesis.
- ✓ Use semicolons and colons between independent clauses.
- ✓ Use colons for lists.
- ✓ Use inverted commas accurately.
- ✓ Use expanded noun phrases to convey information concisely.
- ✓ Use commas to clarify meaning.
- ✓ Use relative clauses beginning with who, which and that.
- ✓ Use the passive voice
- ✓ Use the subjunctive form.
- ✓ Use the perfect form of verbs.
- ✓ Identify the progressive form.

Reading

- ✓ Discuss how authors use language including figurative language and explain its impact upon the reader – linking to meaning of words (connotations/associations)
- ✓ Participate in discussions about books building on own and others' ideas and challenging views courteously.
- ✓ summarising the main ideas drawn from more than one paragraph, and identifying key details that support the main ideas.
- ✓ Make inferences and deductions about characters and justify those with evidence and explaining how conclusions are reached.
- ✓ Make comparisons within books.
- ✓ Discuss themes and conventions of what they have read and writing studied.
- ✓ Explain and discuss understanding of what they have read, including through formal debate and presentation – using notes where needed.
- ✓ Identify how language, structure and presentation contribute to meaning.
- ✓ Distinguish between fact & opinion.

Key vocabulary:

Fact, opinion, subjunctive, progressive form, convention, trope, theme, debate, rhetoric/rhetorical device, repetition, bias/subjective, precis[ing]

Mathematics

Summer 1:

Consolidation of all previous year 6 learning

Summer 2:

Real world maths

Writing as mathematicians

Problem solving

Number

Problem solving and mathematical investigations with addition, subtraction, multiplication, division, fractions, decimals, percentages

Measure

Use, read, write and convert between **standard units**, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places

Solve problems involving the calculation and **conversion of units of measure**, using **decimal notation** up to three decimal places where appropriate

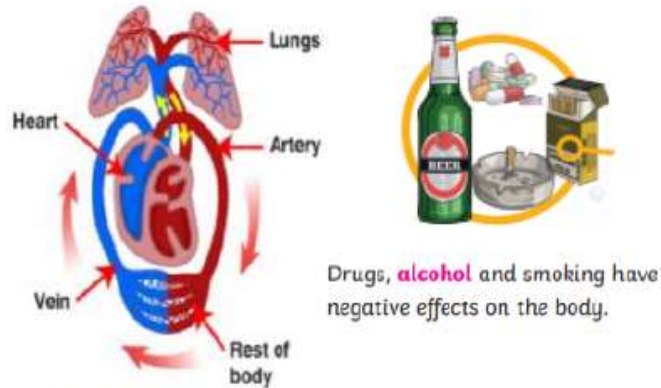
Key Vocabulary: standard units, conversion of units of measure, decimal notation

Year 6 Summer: What is the secret to success?

<p><u>Geography</u> <u>Locations</u> ✓ Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones</p> <p><u>Human and Physical</u> ✓ Use geographical vocabulary</p> <p>Key physical vocabulary: climate zones, vegetation belts, biomes, tropical, temperate, polar, arid, tundra, rainforest, desert, forest, grassland</p> <p><u>Skills</u> ✓ use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p>	<p><u>DT</u> <u>Research:</u> ✓ Find out about cooking and food from a specific region or culture. ✓ Find out about food packaging and create criteria for good packaging.</p> <p><u>Design:</u> ✓ Invent a recipe with the ingredients found during the research. ✓ Design packaging based on criteria found during research.</p> <p><u>Create:</u> ✓ Cook our own recipes. ✓ Store and handle food safely. ✓ Use correct utensils to hygienically prepare food. ✓ Create food packaging using materials and tools of choice.</p> <p><u>Evaluate:</u> ✓ After tasting, modify recipes to improve taste. ✓ Package finished product and reflect on the effectiveness of the packaging.</p> <p>Key vocabulary: product, package, hygiene, safety, recipe, ingredients, sweet, sour, bitter, consumer, nutrition</p>	<p><u>Computing</u> <u>Computer Science – programming</u> ✓ Create an algorithm to control an external device ✓ Create an algorithm that allows the reader to play a game with the device</p> <p><u>Computer Science – Input and Output</u> ✓ Understand the inputs and outputs needed for the device ✓ Understand how to relay this information to the user</p> <p>Key vocabulary: Device, algorithm, command, repeated, interaction, display, response</p>
<p><u>History</u> <u>Chronology of events</u> ✓ Research of Woodley ✓ Timeline of Woodley from WW2 onwards</p> <p>Key vocabulary: town, precinct, industrial estates, business parks</p> <p><u>Comparing and contrasting periods and happenings</u> ✓ Analyse maps, photographs and newspaper articles ✓ Recognise similarities and differences between this time and the present day</p> <p>Key vocabulary: expansion, advancements</p> <p><u>Change and continuity</u> ✓ Discuss how the past has influenced the present and how the present will shape the future</p> <p>Key vocabulary: predictions, trends</p>	<p><u>MFL</u> <u>Oracy:</u> ✓ Listen for sounds, rhyme and rhythm ✓ Ask and answer questions on several topics</p> <p><u>Literacy:</u> ✓ Write simple words and phrases using a model and some words from memory</p> <p><u>Intercultural understanding:</u> ✓ Compare traditional stories ✓ Know about some aspects of everyday life</p> <p>Key vocabulary: See homework Books for full list of vocabulary and translations.</p>	<p><u>RE</u> <u>Christianity</u> ✓ Understand why the resurrection story is important to Christians</p> <p><u>Sikhism</u> ✓ Understand why reincarnation is important to Sikhs</p> <p>Key vocabulary: Resurrection, Easter, Holy Week, celebration, beliefs, Sin, reincarnation, respect, opinions</p>
<p><u>Science</u> <u>Animals, including humans</u> ✓ Recognise the impact of diet, exercise, drugs and lifestyle on a human's ability to be healthy ✓ Identify and name the main parts of the human circulatory system ✓ Describe the functions of the heart, blood vessels and blood ✓ Describe the different ways in which nutrients and water are transported within animals, including humans</p> <p>Key vocabulary: alcohol, tobacco, artery, lungs, vein, pulmonary, alveoli, capillary, transport, villi, gas exchange, oxygen</p>	<p><u>Music</u> <u>Appreciate</u> ✓ Reflect on own appreciation of music ✓ Listen and appraise the work of women in the music industry</p> <p><u>Perform and Share</u> ✓ Perform songs to a high standard as part of the end of year production. ✓ Record own compositions</p> <p><u>Play, Sing and Create</u> ✓ Learn to sing songs by heart. ✓ Sing songs in parts to a high standard ✓ Create own lyrics and music over a beat (Charanga unit - Music and me)</p> <p>Key vocabulary: Articulation, tone, expression, dynamics Gender, racism, rap, turntablist, DJing, producer, Electronic and Acoustic music</p>	<p><u>PSHE</u> <u>Living in the wider world</u> ✓ Rights and responsibilities ✓ Taking care of environment ✓ Money</p> <p>Key vocabulary: Topical issues, human rights, children rights, community, resolving difference, customs, interest, loan, enterprise, social media and forwarding.</p>
<p><u>Outdoor Learning</u> Design: Work within teams to design some games for the younger children in the school Create/ Evaluate: Use available resources to create the games that have been designed. Carry these games out and test them with the younger children in the school</p> <p>Key vocabulary: teamwork, games, children, young, age appropriate, resources, team building</p>	<p><u>PE</u> ✓ Agility/Speed/Strength/Throwing/Fitness – Athletics ✓ Catching/Throwing/Target/Striking/Strategy – Cricket</p>	<p><u>Art</u> <u>Media:</u> Textiles <u>Appreciation:</u> Artist: Tye Dye Mary/Phillip Brown ✓ To understand how artists work has developed ✓ To understand where artists inspiration has come from and how this has influenced their own ✓ To use art as a stimulus for their own art explaining where inspiration was sought from</p> <p><u>Skills</u> Exploring and developing ideas: ✓ To explore the effect of plaiting, pinning, stapling on the design</p> <p>Investigating and making art: ✓ To dye fabrics and use a variety of tie-dye techniques to control and create a fabric image</p> <p>Evaluating and developing art: ✓ To discuss the overall effect of the finished product ✓ To describe the design process and justify why techniques and effects were used</p> <p>Key vocabulary: Control, plaiting, pinning, stapling, design, image, effect, spiral, polka dot, stripes</p>

What is the secret to success?

What's the secret to staying healthy?

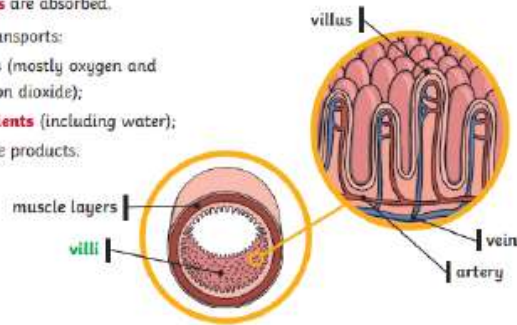


Inside the Small Intestine

The **nutrients** pass through the **villi** and are absorbed into the blood vessels. Water is absorbed in the small intestine in exactly the same way as other **nutrients** are absorbed.

Blood transports:

- gases (mostly oxygen and carbon dioxide);
- **nutrients** (including water);
- waste products.



Eating Healthily

Develop a nutritious

Research food from a region or culture.



Prepare a meal safely & hygienically.

Eat, review and improve

Living Successfully in the Wider World

International Rights of the Child



Responsibilities



How Has Woodley Developed?



Business Parks The Precinct Housing

What can we learn from successful people?



JK Rowling James Dyson The Beckhams

Key Vocabulary

pulmonary (Science)	Concerning the lungs
gas exchange (Science)	The exchange between carbon dioxide and oxygen as part of respiration
circulatory system (Science)	The system that moves blood, oxygen and nutrients through the body
nutrition (Science DT)	The process of providing or obtaining the food necessary for health and growth
human rights (PSHE)	An entitlement that is believed to belong to every person
Community (PSHE)	A group of people living together and practising common ownership
enterprise (History, PSHE)	Initiative and resourcefulness
interest (PSHE)	Money paid regularly at a particular rate for the use of money lent, or for delaying the repayment of a debt
business (History, PSHE)	Commercial activity