

## Year 6 National Curriculum coverage



## National Curriculum coverage – Year 6



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
ENQUIRY	What would it be like to live in wartime?	How can we learn to live in peace?	How are we connected to Antarctica?	Where do migratory animals travel to and from and why?	Where do we find beauty in Nature?	How would I like to make history?
HARMONY PRINCIPLE	The principle of Adaptation	The principle of Oneness	The principle of Interdependence	The principle of the Cycle	The principle of Health	The principle of Diversity
PRINCIPLE QUESTIONS	Why did life change for people during WW2?  How did people have to adapt during WW2?  What can we learn from the 'Dig for Victory' and 'Make, Do and Mend' campaigns from WW2?	Why do people fight?  How can we live in peace?  Why is peace so important to a sustainable future?	How are living things dependent on each other in Antarctica?  What are the effects of retreating sea ice on animal populations in Antarctica?  How does our use of energy affect life in Antarctica?	How is a migration a cycle?  Is the cycle of all animal migrations the same?  Do humans migrate? Is this cyclical?	When do we feel connected to Nature?  How does our connection with Nature affect our wellbeing?  How can we be guardians of Nature?	Who do I most admire in history?  What would I like to do to make history?  Why should we value diversity when creating change?
SUSTAINABILITY THEME	Food & Farming	Health & Wellbeing	Energy & Climate Change	Cycles & Waste	Biodiversity	Adaptation for the Future
LINK TO SDGs	2 - Zero hunger 12 - Responsible consumption and production	16 - Peace, justice and strong institutions	7 - Affordable and clean energy 13 - Climate Action	14 – Life below water 15 – Life on land	3 - Good health and wellbeing	5 – Gender equality
ENGLISH GENRES	Recounts, Job descriptions, Diary writing, Descriptive narratives, Campaign leaflets	Newspaper reports, Setting descriptions, Poetry, Biographies, Speech writing	Diary writing, Descriptive writing, Voiceovers, Poetry	Adventure stories, Information texts; Biographies	Poetry, Setting descriptions, Adventure stories, Persuasive writing	Diary entries, Narrative writing, Debates, Biographies, Presentations
ENGLISH	Use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary  Write legibly, fluently and with increasing speed	Prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience	Plan by noting and developing initial ideas, drawing on reading and research where necessary  Draft and write by selecting appropriate grammar and vocabulary	Plan by noting and developing initial ideas, drawing on reading and research where necessary  Draft and write by selecting appropriate grammar and vocabulary	Plan writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed	Plan writing by identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own



# ENGLISH (CONTINUED)

Plan writing by identifying the audience for and purpose of the writing, selecting the appropriate form and other similar writing as models for their own

Draft and write by in narratives, describing setting, characters and atmosphere

Draft and write by using further organisational and presentational devices to structure text and guide the reader

Evaluate and edit by ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register

Plan writing by identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own

Draft and write by selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning

Draft and write by précising longer passages

Evaluate and edit by proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

Use a thesaurus

Draft and write using a wide range of devices to build cohesion within and across paragraphs

Draft and write narratives, describing settings and atmosphere

Evaluate and edit by assessing the effectiveness of own writing and others' writing

Evaluate and edit by proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

Perform their own compositions, using appropriate intonation, volume, and movement so that meaning is clear Plan writing by identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar

writing as models for their own

Draft and write by selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning

Draft and write narratives, describing settings and atmosphere

Evaluate and edit by assessing the effectiveness of own writing and others' writing

Draft and write selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning

Plan writing in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action

Evaluate and edit proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

Evaluate and edit ensuring the consistent and correct use of tense throughout a piece of writing

Plan by noting and developing initial ideas, drawing on reading and research where necessary

Draft and write using a wide range of devices to build cohesion within and across paragraphs

Draft and write using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]

Proof-read for spelling and punctuation errors

## GPS FOCUS

#### Use fronted adverbials

Recognise vocabulary and structures that are appropriate for formal speech and writing

Use passive verbs to affect presentation of information in a sentence

Use semicolons to mark
boundaries between independent
clauses

Recognise vocabulary and structures that are appropriate for formal speech and writing,

Use expanded noun phrases to convey complicated information concisely

including subjunctive forms

Use hyphens to avoid ambiguity

Use dashes to mark boundaries between independent clauses

Use expanded noun phrases to convey complicated information concisely

Use commas to clarify meaning or avoid ambiguity in writing

Punctuate bullet points consistently

Use the perfect form of verbs to mark relationships of time and cause

Recognise vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms

Use hyphens to avoid ambiguity

Recognise vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms

Use brackets, dashes or commas to indicate parenthesis

Use a colon to introduce a list

Use the perfect form of verbs to mark relationships of time and cause

Use passive verbs to affect the presentation of information in a sentence



GREAT TEXTS

Warhorse (illustrated) by Michael Morpurgo

Rose Blanche
by Ian McEwan
& Roberto Innocenti

Please write soon: An unforgettable story of two cousins in World War II by Michael Rosen

> Digging for victory by Cathy Faulkner

> > Heroes by David Long

Letters from the lighthouse by Emma Carroll Poppy field
by Michael Morpurgo

Peace and me by Ali Winter

Wangari Maathai: The woman who planted millions of trees by Franck Prevot

Find peace in a poem by Various artists

Peaceful planet by Anna Claybourne

Slow down by Rachel Williams Shackleton's journey by Wiiliam Grill

Antarctica: The melting continent by Karen Romano Young

Iceberg
by Claire Saxby

Antarctica: A continent of wonder by Mario Cuesta Hernando

*Ice trap!*by Meredith Hooper

Scientists in the wild: Antarctica by Helen Scales

Amazing animal journeys
by Chris Packham

Circle by Jeannie Baker

Atlas of amazing migrations:
A children's illustrated
encyclopedia of animal
migrations and journeys
by Megan Lee

Tuesday
by David Wiesner
Song for a whale
by Lynne Kelly

A handful of quiet: Happiness in four pebbles by Thich Nhat Hanh

Roots of happiness by Susie Dent

The quiet music of gently falling snow by Jackie Morris

Bird of the soul by Ilche Lee

Early islamic civilisation by Izzi Howell The arrival by Shaun Tan

Rise up: Ordinary kids with extraordinary stories
by Amanda Li

The people awards by Lily Murray

Children who changed the world by Marcia Williams

> Evolution by Sarah Darwin

Moth: An evolution story by Isabel Thomas

#### Number and place value

Solve number and practical problems that involve numbers up to 10,000,000

## Number: Addition, subtraction, multiplication and division

Solve problems involving addition, subtraction, multiplication and division

#### **Ratio and Proportion**

Solve problems involving the calculation of percentages

#### Measurement

Use, read, write and convert between standard units, converting measurements of mass

#### Geometry: Properties of shapes

Compare and classify geometric shapes based on their properties and sizes

#### Number and place value

Solve number and practical problems that involve numbers up to 10,000,000

## Number: Addition, subtraction, multiplication and division

Solve problems involving addition, subtraction, multiplication and division

## Number: Fractions (including decimals and percentages)

Solve problems which require answers to be rounded to specified degrees of accuracy; Recall and use equivalences between simple fractions, decimals and percentages in different contexts

#### Number and place value

Use negative numbers in context, and calculate intervals across

## Number: Addition, subtraction, multiplication and division

Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication;
Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division; Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

#### **Statistics**

Interpret and construct pie charts and line graphs and use these to solve problems; Calculate and interpret the mean as an average

## Number: Addition, subtraction, multiplication and division

solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

## Number: Fractions (including decimals and percentages)

Multiply one-digit numbers with up to two decimal places by whole numbers

#### Measurement

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

Convert between miles and kilometres

#### Number and place value

Solve number and practical problems that involve numbers up to 10,000,000

#### Algebra

Use simple formulae; Generate and describe linear number sequences; Express missing number problems algebraically; Find pairs of numbers that satisfy an equation with two unknowns

#### Measurement

Recognise when it is possible to use formulae for area of shapes (and perimeter)

#### Number and place value

solve number and practical problems

## Number: Addition, subtraction, multiplication and division

Solve problems involving addition, subtraction, multiplication and division

#### Measurement

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

MATHS



						110,000
MATHS (CONTINUED)	Statistics Complete, read and interpret information in tables, including timetables (Y5 revision)	Geometry: Position and direction  Describe positions on the full coordinate grid  Statistics  Interpret and construct pie charts and line graphs and use these to solve problems				
SCIENCE	Light Recognise that light appears to travel in straight lines Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye  Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes  Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them	Animals, including humans Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals, including humans	Electricity Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram  RECAP (Y4) Animals, including Humans Construct and interpret a variety of food chains, identifying producers, predators and prey Living things and their habitats Recognise that environments can change and that this can sometimes pose dangers to living things.	Living things and their habitats  Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences (species within species)  Evolution and inheritance Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution	Living things and their habitats  Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals  Give reasons for classifying plants and animals based on specific characteristics	Evolution and inheritance Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
HISTORY	Extending pupils' chronological knowledge beyond 1066: WW2/ Battle of Britain	A local history study: Remembrance Day	_	-	Study of non-European civilization: Early Islamic inc. Baghdad	Consolidation of historical concepts such as continuity and change, cause and consequence, similarity, difference and significance with a focus on significant individuals



		:	:	:	:	:
GEOGRAPHY	Locational knowledge	-	Locational knowledge	Locational knowledge	-	-
	locate the world's countries,		identify the position and	identify the position and		
	using maps (to focus on		significance of latitude,	significance of latitude,		
	Europe (including the location		longitude, Equator, Northern	longitude, Equator, Northern		
	of Russia), concentrating on		Hemisphere, Southern	Hemisphere, Southern		
	their environmental regions,		Hemisphere, Arctic and Antarctic	Hemisphere, Arctic and		
	key physical and human		Circle, the Prime/Greenwich	Antarctic Circle		
	characteristics, countries and		Meridian and time zones	Geographical skills and fieldwork		
	major cities		(including day and night)	use maps, atlases, globes and		
	Geographical skills and fieldwork		Human and physical geography	digital/computer mapping to		
	use maps, atlases, globes and		physical geography, including:	locate countries and describe		
	digital/computer mapping to		climate zones, biomes and	features studied		
	locate countries and describe		vegetation belts			
	features studied		Ŭ			
	Create sketchbooks to record	-	Create sketchbooks to record	Create sketchbooks to record	Create sketchbooks to record	_
	observations and use them to		observations and use them to	observations and use them to	observations and use them to	
	review and revisit ideas		review and revisit ideas	review and revisit ideas	review and revisit ideas	
DESIGN						
ESI	Improve mastery of art and		Improve mastery of art and	Improve mastery of art and	Improve mastery of art and	
ري 2	design techniques, including		design techniques, including	design techniques, including	design techniques, including	
ART &	drawing, painting and sculpture		drawing, painting and sculpture	drawing, painting and sculpture	drawing, painting and sculpture	
<	with a range of materials		with a range of materials	with a range of materials	with a range of materials	
	Learn about great artists,				Learn about great artists,	
	architects and designers in history				architects and designers in history	
	_	Design	_	_	_	_
		Use research and develop design				
		criteria to information the				
		design of innovative, functional, appealing products that are fit				
		for purpose, aimed at particular				
		individuals or groups				
70		Make				
		Select from and use a				
		wider range of materials				
		and components, including				
		construction materials, textiles				
		and ingredients, according to				
		their functional properties and				
		aesthetic qualities				

DT (CONTINUED)

#### **Evaulate**

Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

#### Living in the wider world: Shared responsibilities

L2. Recognise that there are human rights, that are there to protect everyone

#### Living in the wider world: Communities

L10. Learn about prejudice; how to recognise behaviours/actions which discriminate against others; ways of responding to it if witnessed or experienced

#### Living in the wider world: Media literacy & digital resilience

L11. Recognise ways in which the internet and social media can be used both positively and negatively

L12. Assess the reliability of sources of information online: and how to make safe, reliable choices from search results

L14. about how information on the internet is ranked, selected and targeted at specific individuals and groups; that connected devices can share information

#### Health and wellbeing: Healthy lifestyles

H6. Learn what constitutes a healthy diet; how to plan healthy meals; benefits to health and wellbeing of eating nutritionally rich foods; risks associated with not eating a healthy diet including obesity and tooth decay.

H7. Learn how regular (daily/ weekly) exercise benefits mental and physical health (e.g. walking or cycling to school, daily active mile); recognise opportunities to be physically active and some of the risks associated with an inactive lifestyle

H8. Learn about how sleep contributes to a healthy lifestyle; routines that support good quality sleep; the effects of lack of sleep on the body, feelings, behaviour and the ability to learn

#### Health and wellbeing: **Mental Health**

H15. that mental health, just like physical health, is part of daily life; the importance of taking care of mental health

#### **Relationships: Friendships**

R10. Learn the importance of friendships; strategies for building positive friendships; how positive friendships support wellbeing

R11. Learn what constitutes a positive healthy friendship (e.g. mutual respect, trust, truthfulness, loyalty, kindness, generosity, sharing interests and experiences, support with problems and difficulties); that the same principles apply to online friendships as to face-toface relationships

#### **Relationships: Friendships**

R32. Learn about respecting the differences and similarities between people and recognising what they have in common with others e.g. physically, in personality or background

#### Living in the wider world: Economic wellbeing: Aspirations, work and career

L25. Recognise positive things about themselves and their achievements; set goals to help achieve personal outcomes

#### Health and wellbeing: Mental health

H24. Learn problem-solving strategies for dealing with emotions, challenges and change, including the transition to new schools

#### Health and wellbeing: Ourselves, growing and changing

H28. Identify personal strengths, skills, achievements and intersts and how these contribute to a sense of self-worth

H29. Learn how to manage setbacks/perceived failures, including how to reframe unhelpful thinking

#### Relationships: Families and close positive relationships

R6. Learn that a feature of positive family life is caring relationships; about the different ways in which people care for one another

R8. Recognise other shared characteristics of healthy family life, including commitment, care, spending time together; being there for each other in times of difficulty

R9. Learn how to recognise if family relationships are making them feel unhappy or unsafe, and how to seek help or advice

#### Relationships: Friendships

R15. Learn strategies for recognising and managing peer influence and a desire for peer approval in friendships; to recognise the effect of online actions on others

#### Relationships: Safe relationships

R27. Learn about keeping something confidential or secret, when this should (e.g. a birthday surprise that others will find out about) or should not be agreed to, and when it is right to break a confidence or share a secret

#### Living in the wider world: Economic wellbeing: Aspirations, work and career

L26. Learn that there is a broad range of different jobs/careers that people can have; that people often have more than one career/type of job during their life

L27. Learn about stereotypes in the workplace and that a person's career aspirations should not be limited by them

L28. Learn about what might influence people's decisions about a job or career (e.g. personal interests and values, family connections to certain trades or businesses, strengths and qualities, ways in which stereotypical assumptions can deter people from aspiring to certain jobs)

L31. Identify the kind of job that they might like to do when they are older

L32. Recognise a variety of routes into careers (e.g. college, apprenticeship, university)

PSHE

## Media literacy & digital resilience L16. Learn about how text and

Living in the wider world:

images in the media and on social media can be manipulated or invented; strategies to evaluate the reliability of sources and identify misinformation

#### Health and wellbeing: Mental Health

H18. Learn about everyday things that affect feelings and the importance of expressing feelings

H20. Learn strategies to respond to feelings, including intense or conflicting feelings; how to manage and respond to feelings appropriately and proportionately in different situations

H23. Learn about change and loss, including death, and how these can affect feelings; ways of expressing and managing grief and bereavement

#### Health and wellbeing: Drugs, alcohol and tobacco

H46. Learn about the risks and effects of legal drugs common to everyday life (e.g. cigarettes, e-cigarettes/vaping, alcohol and medicines) and their impact on health; recognise that drug use can become a habit which can be difficult to break

H47. Recognise that there are laws surrounding the use of legal drugs and that some drugs are illegal to own, use and give to others

H48. Learn about why people choose to use or not use drugs (including nicotine, alcohol and medicines)

H49. about the mixed messages in the media about drugs, including alcohol and smoking/ vaping

## Living in the wider world: Economic wellbeing: Aspirations, work and career

L30. Learn about some of the skills that will help them in their future careers e.g. teamwork, communication and negotiation

#### Relationships: Safe relationships

R28. Learn how to recognise pressure from others to do something unsafe or that makes them feel uncomfortable and strategies for managing this

R29. Learn where to get advice and report concerns if worried about their own or someone else's personal safety (including online)

#### Relationships: Respecting self and others

R31. Recognise the importance of self-respect and how this can affect their thoughts and feelings about themselves; that everyone, including them, should expect to be treated politely and with respect by others (including when online and/or anonymous) in school and in wider society; strategies to improve or support courteous, respectful relationships

R33. Listen and respond respectfully to a wide range of people, including those whose traditions, beliefs and lifestyle are different to their own

R34. Learn how to discuss and debate topical issues, respect other people's point of view and constructively challenge those they disagree with

## Health and wellbeing: Ourselves, growing and changing

H35. Learn about the new opportunities and responsibilities that increasing independence may bring



Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Improvise and compose music for a range of purposes using the interrelated dimensions of music

Listen with attention to detail and recall sounds with increasing aural memory

MUSIC

씸

Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians

Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Improvise and compose music for a range of purposes using the interrelated dimensions of music

Listen with attention to detail and recall sounds with increasing aural memory

Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Improvise and compose music for a range of purposes using the interrelated dimensions of music

Listen with attention to detail and recall sounds with increasing aural memory

Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Improvise and compose music for a range of purposes using the interrelated dimensions of music

Listen with attention to detail and recall sounds with increasing aural memory Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Improvise and compose music for a range of purposes using the interrelated dimensions of music

Listen with attention to detail and recall sounds with increasing aural memory Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

#### Fitness Training

Develop flexibility, strength, technique, control and balance

Use search technologies

#### **Gymnastics**

Develop flexibility, strength, technique, control and balance; Compare their performances with previous ones and demonstrate improvement to acheive their personal best

#### Dance

Perform dances using a range of movement patterns; develop flexibility, strength, technique, control and balance; Compare their performances with previous ones and demonstrate improvement to acheive their personal best

#### Rounders

Use running, jumping, throwing and catching in isolation and in combination; play competitive games and apply basic principles suitable for attacking and defending

#### Striking and fielding

Use running, jumping, throwing and catching in isolation and in combination; play competitive games and apply basic principles suitable for attacking and defending

#### Athletics

Use running, jumping, throwing and catching in isolation and in combination; develop flexibility, strength, technique, control and balance

## effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content Use technology safely, respectfully and responsibly; recognise acceptable/

Use technology safely,
respectfully and responsibly;
recognise acceptable/
unacceptable behaviour; identify
a range of ways to report
concerns about content and
contact

Use search technologies
effectively, appreciate how
results are selected and ranked,
and be discerning in evaluating
digital content

Use technology safely,
respectfully and responsibly;
recognise acceptable/
unacceptable behaviour; identify
a range of ways to report
concerns about content and
contact

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Use sequence, selection, and repetition in programs; work with variables and various forms of input and output

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Use search technologies
effectively, appreciate how
results are selected and ranked,
and be discerning in evaluating
digital content

Use technology safely,
respectfully and responsibly;
recognise acceptable/
unacceptable behaviour; identify
a range of ways to report
concerns about content and
contact