



Student Learning Journey

Term 5 and 6 Year 8 German Gesundheit und Haus

Previously you have learnt



This year we have used all tense to talk about freetime including food, hobbies and travel, using opinions and justifications.

In this unit you will learn



learn about parts of body and how to talk about illnesses. We will talk about daily routine and what we do to get ready in the morning. We look at parts of the house relating to our daily routine.

Key Vocabulary and Terminology



Tier 2: Reflexive verbs, conjugation, nouns, adjectives

Tier 3: Wie geht es dir? Mir geht es...

Was tut dir weh? Me tut mein....weh

Beschrieb dein Haus. Mein Haus ist...

Further Learning



Please look at our department Padlet under Y8 Unit 1

[KS3 Spanish \(padlet.com\)](https://www.padlet.com)

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

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Student Learning Journey

Subject: History Year 8 Human Rights in America and Britain

Previously you have learnt



About the African Kingdoms and their advanced civilisations as seen in the Kingdom of Benin and Mali. You compared the issues of the British Empire, in these Kingdoms as well as India. You concluded by assessing the impact, largely negative, that the British Empire had around the world and why sometimes we need to face and apologise for our past actions.

In this unit you will learn



About human rights movements in America and Britain. Comparing and contrasting the issues, struggles and events for people of colour across America and women fighting for their rights in Britain. You will get to understand the controversial laws, the ongoing stigmas and meet significant individuals who despite their differences, can also be compared after their fights for their rights.

Key Vocabulary and Terminology



Tier 2

Segregation separation protest civil war marriage democracy

Tier 3

Jim Crow Laws Lynching boycott suffragette suffragist

Further Learning



[Civil Rights campaigns - Civil rights campaigns 1945 to 1965 - National 4 History Revision - BBC Bitesize](#)

[The Suffragette Movement - BBC Bitesize](#)

[A history of human rights in Britain | Equality and Human Rights Commission](#)

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Student Learning Journey

Subject: Life Skills Year 8 Discrimination, Identity and Relationships

Previously you have learnt



In Year 7, you cover relationships with peers and families, you will have learned what it takes to be a good friend and you will know what makes an unsafe relationship or friendship. You learned the basics of consent and why it's important that you respect personal space. You will also have had an assembly to learn the laws around consent as well as the internal consequences of not being respectful to others. You also learned what bullying is and why it's unkind. This year you have had lessons which focused on emotional wellbeing, careers, online safety and human rights.

In this unit you will learn



About healthy friendships, and why we must recognise if a relationship is not healthy. You will discuss what you can do to help yourself if this is the case and be signposted to where you can get support. You will learn about diversity and why it's important to celebrate our differences as well as the issues surrounding discrimination and the impact that this can have on how someone sees themselves. You will also look at why it's important not to stereotype. You will also learn what radicalization and terrorism are and how to recognise the triggers that might push someone to such extreme behaviour.

Key Vocabulary and Terminology



Tier 2: Discuss, identify, explain, analyse, think, pair share, friendship,

Tier 3: Extremism, terrorism, stereotype, frenemies, toxic friendship groups, genuine friendships, permission, consent, capacity, non-verbal cues, disability, ethnicity, ableism, diversity.

Further Learning



[Young Minds](#)

<https://www.bbc.co.uk/bitesize/topics/znbrpg8/articles/z42khbk>

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Student Learning Journey

Subject: Mathematics Year 8 Number System

Previously you have learnt



To consolidate your learning of number from primary school to deepen your understanding and develop it further through the use of reasoning and problem solving. You have learnt how to express a number as a product of primes and use a calculator effectively.

In this unit you will learn



To use the prime factor decomposition of numbers to derive associated facts, find the highest common factor and lowest common multiple. You will consolidate your learning of number and apply it to financial contexts.

Key Vocabulary and Terminology



Tier 2: order, estimate, multiple, factor, ascending, descending, product, operations, compare, statement, balance, finance

Tier 3: integer, decimal, prime, hundred, thousand, million, multiplication, division

Further Learning



[Largest Product, NRich Puzzle](#)

[Gabriel's Problem, NRich Puzzle](#)

[American Billions, NRich Puzzle](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Directed Numbers

Previously you have learnt



In Primary School to recognise numbers below zero and link to real life contexts, compare and order negative numbers and count forwards and backwards through zero. In Year 7 you deepened your understanding on adding, subtracting and multiplying directed numbers via pictorial and abstract contexts.

In this unit you will learn



To consolidate your understanding on adding, subtracting and multiplying directed numbers via pictorial and abstract contexts and solve complex calculations involving directed numbers and interleaving order of operations.

Key Vocabulary and Terminology



Tier 2: Order, compare, positive, negative, calculate, patterns, greater than, less than, temperature

Tier 3: Addition, subtraction, multiplication, division, directed number, order of operation, square, square root

Further Learning



[Practice Makes Perfect 2, Puzzle](#)

[Radiating Directed Numbers, Puzzle](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Fractions & Percentages

Previously you have learnt



To fluently perform addition, subtraction and multiplication with mixed numbers and to increase/decrease by a fractional amount. You have learnt how to articulate the definition of percentages, how to represent them using diagrams and find a percentage of an amount

In this unit you will learn



To fluently perform all operations with mixed numbers, combining them to include the order of operations. You will learn to calculate a percentage change and use multipliers to calculate percentages, including increases and decreases.

Key Vocabulary and Terminology



Tier 2: subtract, quantity, express, multiples, compare, profit, depreciation

Tier 3: represent, convert, denominator, numerator, improper, multiplier, percentage

Further Learning



[Peaches Today, Peaches Tomorrow.. NRich](#)
[Terminating or Not? NRich](#)

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Student Learning Journey

Subject: Mathematics Year 8 Algebraic Notation

Previously you have learnt



To understand the difference between an expression, equation, formula, term, function and identity. Use and interpret algebraic notation leading to simplifying and manipulating algebraic expressions. This will then be extended to substituting in values in order to evaluate expressions. You will also learn how to multiply a single term over a bracket.

In this unit you will learn



To use index notation and apply basic index laws. This will be extending into multiplying a single term over a bracket and collect like-terms, multiplying two brackets together and simplify, all whilst including the use of index laws. You will also learn how to factorise algebraic expressions by taking out single term common factors, as well as factorising a quadratic expression.

Key Vocabulary and Terminology



Tier 2: interpret, evaluate, notation, equivalence

Tier 3: expression, equation, formula, term, function, identity, coefficients, brackets, simplify, manipulate, expressions, addition, subtraction, multiply, divide, integers, formulae, substitute

Further Learning



The [UKMT Maths Challenge](#) questions are a great source to deepen the understanding of the above topics.

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Student Learning Journey

Subject: Mathematics Year 8 2D/3D Shapes

Previously you have learnt



In primary school you will have converted between metric units, for example, 1cm = 10mm, 1m = 100cm.
You will also have converted some imperial units, for example, 1 foot = 12 inches, 1 pound = 16 ounces, 1 stone = 14 pounds, 1 gallon is equal to 8 pints

In this unit you will learn



To record estimates and readings from scales to a suitable degree of accuracy, including use of units of measure, including both metric and imperial. You will estimate, calculate and solve problems in everyday contexts involving perimeter and area for specific polygons. You will work with 2-D & 3-D shapes, recognise their properties, and be able to describe them in words and by drawing. You will be able calculate the volume and surface area of cubes and cuboids, and convert between their units.

Key Vocabulary and Terminology



Tier 2: Estimate, scales, area, shaded, volume, measures, metric, record, units, calculate, context, accuracy, imperial, regular, abbreviations, triangle, trapezium, recognise,
Tier 3: formulae, fraction, perimeter, polygons, vertices, surface area

Further Learning



[NRich Short Problems, Perimeter, Area and Volume](#)
[NRich Short Problems, 3D Shapes](#)
[NRich Cuboid Challenge](#)
[NRich Can they be equal Problem](#)

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Student Learning Journey

Subject: Mathematics Year 8 Angle Properties

Previously you have learnt



In primary school to draw and measure lines and angles accurately. Understand the notation used for equal angles and lines and applying it to properties of triangles and quadrilaterals. You will have also learnt in Year 7 to describe, sketch and accurately draw using conventional terms and notations. Classify quadrilaterals and triangles by knowing their properties including lines of symmetry and rotational symmetry

In this unit you will learn



To extend your knowledge to derive and apply angle facts including angles in parallel lines. You will find the interior and exterior angles of polygons and solve problems involving angle properties. You will also learn how to form and solve equations using angle facts.

Key Vocabulary and Terminology



Tier 2: Estimate, measures, calculate, accuracy, regular, triangle, recognise, parallel, derive, adjacent, classify, interior, exterior

Tier 3: polygons, vertices, perpendicular, rotational symmetry, quadrilateral, alternate angles, corresponding angles, co-interior angles, transversal

Further Learning



[Don Steward Tangram Activity](#)

[Open Middle, Interior and Exterior Angles](#)

[Oak National Academy Lessons](#)

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Student Learning Journey

Subject: Mathematics Year 8 Algebraic Equations

Previously you have learnt



In Year 7 to construct and solve simple linear equations using inverse operations.

In this unit you will learn



To construct and solve complex linear equations, including variables on both sides of the equations. You will learn to interleave your knowledge of angles facts and perimeter/area of 2D shapes to solve complex equations. You will also learn to change the subject of a formula and it's applications in other subjects.

Key Vocabulary and Terminology



Tier 2: construct, solve, addition, subtraction, variable

Tier 3: equation, inverse, multiplication, division, coefficient, formula

Further Learning



[Open Middle, 'solving one step, positive and negative solutions'](#)

[Don Steward, challenging solving equations with variable on one side](#)

[Oak National Academy Lessons](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Ratio and Proportion

Previously you have learnt



In Year 7 to read, write and interpret ratios including the relationship between ratios and fractions. You learnt how to write and use ratios in unitary form and share quantities in a given ratio. You have also learnt to solve problems involving direct proportion such as best buy problems.

In this unit you will learn



To solve ratio problems involving being given the difference, finding the whole or other part(s). You will also learn to solve problems involving direct proportion such as exchange rates, recipe problems and extend into solving inverse proportion problems.

Key Vocabulary and Terminology



Tier 2: simplify, quantity, express, equivalent, part, whole, difference, exchange, inverse

Tier 3: ratio, unitary form, proportion, fraction, scale factor

Further Learning



[Don Steward, What's the question](#)

[Dr Frost, Ratio and Proportion Problems](#)

[Oak National Academy Lessons](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Sequences

Previously you have learnt



In Year 7 to describe and continue pictorial, fractional and decimal sequences. Understand key vocabulary such as position and term of a sequence. You have learnt to generate and describe integer sequences, using the term to term rule and the position to term rule.

In this unit you will learn



To explore and identify different types of sequences such as Fibonacci, Geometric, Arithmetic and Quadratic. You will learn to determine whether a term is in a sequence and justify your reasoning.

Key Vocabulary and Terminology



Tier 2: generate, describe, represent, pictorial, sequence, determine

Tier 3: linear, integer, term to term, position to term, triangular, square, odd, even, quadratic, arithmetic, Fibonacci, geometric

Further Learning



[Nth Term Overlap, Don Steward](#)

[Nth Term Cupcakes, Don Steward](#)

[Oak National Academy Lessons](#)

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Student Learning Journey

Subject: Mathematics Year 8 Linear Graphs

Previously you have learnt



In Year 7 to extend your knowledge of coordinate to solve geometry problems. Identify and draw lines that are parallel to the axes. You will have learnt to recognise lines in the form $y = kx$, explore the gradient in $y = kx$ and link to problems involving direct proportion.

In this unit you will learn



To recognise and use lines in the form $y = x + a$, and extend to plotting graphs in the form $y = mx + c$. You will learn to explain what the m and c represent in linear graphs, explain what a graph will look like and find m and c by looking at a graph. You will learn to link graphs to linear sequences and construct linear functions from real life graphs.

Key Vocabulary and Terminology



Tier 2: sequence, rule, positive, negative, relationship, graph, intercept, graph, calculate, functions, interpretation, context

Tier 3: linear, co-ordinate, gradient, equation, quadrant, axis

Further Learning



[y=mx+c in a real life context](#)

[y=mx+c in a real life context, Don Steward](#)

[Oak National Academy Lessons](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Scale Drawing

Previously you have learnt



To construct and interpret scale drawings and maps. You will have learnt to construct circles and triangles using a pair of compasses. You will have gained an understanding of bearings and how to represent them.

In this unit you will learn



To extend your knowledge on constructions to incorporate perpendicular bisectors, angle bisectors and solve loci problems. You will further develop your understanding on bearings to be able to specify direction with bearings and calculate bearings using angle facts, including angles in parallel lines.

Key Vocabulary and Terminology



Tier 2: scale drawing, interpret, construct, angles, parallel

Tier 3: cardinal, congruent, bearing, co-interior

Further Learning



[Scale Drawings, Pitches, Don Steward](#)

[Find the Bearing, Variation Theory](#)

[Challenging Bearings Questions, Don Steward](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Transformations

Previously you have learnt



To recognise lines of symmetry and the order of rotational symmetry of shapes. You have will learnt to identify whether a shape has been reflected, rotated or enlarged and perform these transformations.

In this unit you will learn



To extend your knowledge on transformations to include describing and performing translations using vector notation.

Key Vocabulary and Terminology



Tier 2: recognise, transformation, reflect, enlarge, rotate, horizontal, vertical, clockwise, anticlockwise, translate

Tier 3: rotational symmetry, degree, column vector

Further Learning



[Attractive Rotations – Nrich Puzzle](#)

[Transformation Game – Nrich Puzzle](#)

[Who is the fairest of them all? – Nrich Puzzle](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Mathematics Year 8 Probability

Previously you have learnt



Nothing specifically on probability in Primary school or Year 7. You will however already understand risk and chance of something occurring.

In this unit you will learn



The concept of probability, the vocabulary used and how probability can be represented. You will learn to compare theoretical probabilities with experimental probabilities and be able to comment on the differences.

Key Vocabulary and Terminology



Tier 2: scale, likelihood, certain, impossible, likely, unlikely, theoretical, experimental, chance, bias

Tier 3: probability, Venn diagram, relative frequency, sample space diagram

Further Learning



[Could it be a probability? – Variation Theory](#)

[Simple probability in words – Variation Theory](#)

[Probability: Venn Diagrams and Two-Way Tables – Variation Theory](#)

[UKMT Maths Challenge Junior](#) questions are a great source to deepen your understanding.

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Student Learning Journey

Subject: Art Year 8 Architecture

Previously you have learnt



You will have explored two different rotations of Art and Design in year 7. Within both rotations you will have explored a wide selection of artists including, Yayoi Kusama, David Hockney and Andre Derain in the Colour and Pattern rotation and Antoni Gaudi and Steven Wiltshire in your second rotation. You will have explored media processes including, printmaking, collage, clay, colour theory, tonal drawing, watercolour and poster paint.

In this unit you will learn



The focus of your project in year 8 is Architecture. You will continue to explore a wide selection of media and creative processes, analysing a collection of visually exciting artists. You will learn about collage, modern art concepts, mixed media and a selection of drawing techniques. All skills learnt this project will aim to embed your prior knowledge gained over previous years, allowing you opportunities to creatively express yourself and your own ideas. You will explore architecture artists from both modern times and in ancient cultures widening your understanding and appreciation of the world around us.

Key Vocabulary and Terminology



Tier 2: nature, form, observe

Tier 3: architecture, collage, composition

Further Learning



V&A Exhibition links : [V&A Architecture](#)

Museum of architecture: [Architecture exhibitions](#)

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Student Learning Journey

Subject: Year 8 Computer Science Databases

Previously you have learnt



How to use spreadsheets to record, analyse and process data.

In this unit you will learn



How databases are used to store data in a more structured way than spreadsheets. You will also learn how to retrieve data that fulfils specific criteria so you don't have to analyse too much data.

Key Vocabulary and Terminology



Tier 2: store, data, design

Tier 3: query, table, record, field, primary key, type

Further Learning



[BBC Bitesize Guide](#)

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Student Learning Journey

Subject: Food and Nutrition

Previously you have learnt



In Design Technology you have learnt through a variety of creative and practical activities, you have gain knowledge, understanding and skills needed to engage in an iterative process of designing and making. You have also have gained knowledge in Science such as function raising agent and Mathematics you will use functional skills that will link to measuring and weighing in Food and Nutrition study this year.

In this unit you will learn



As part of your work with food, you will be taught how to cook and apply the principles of nutrition and healthy eating. Learning how to cook is a crucial life skill that enables you to feed themselves and others affordably and well, now and in later life. You will learn about the Eat-well guide and how to maintain a healthy diet. The function of different ingredients in different products. You will be making a variety of dishes to develop your practical cooking skills. You will practice hygiene and safety in the kitchen when making a variety of different food.

Key Vocabulary and Terminology



Tier 2 words; **Know** and **understand** about the different topics. Apply your **skills, knowledge** and **understanding** to answer questions. You can **analyse** and **evaluate** your outcomes.

Tier 3 Words; **Gluten** and **yeast** how these affects bake products. **Nutrition** and **diet** and how these link to the Eat-well guide.

Further Learning



Quotes: "Eating is a necessity but cooking is and Art". "I'm not a chef, but I'm passionate about food the tradition of it, cooking it and sharing it."

Bread- How it's made for Kids [Video](#)- From the field to the plate.

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Student Learning Journey

Subject: Design Technology Year 8 Materials and Mechanisms

Previously you have learnt



In year 7 you gained an understanding of different materials and their properties. You explored both natural and synthetic materials and considered how designers use their technical understanding to select the best material for a product to be manufactured in.

In this unit you will learn



In this unit you will develop your technical understanding by exploring a range of Smart materials which sense and adapt to the world around them. You will also explore mechanisms and the four types of motion.

Key Vocabulary and Terminology



Tier 2: Motion, Mechanism, Analyse, Describe, Compare

Tier 3: Linear, Rotary, Oscillating, Reciprocating, Smart Materials

Further Learning



BBC [Inventing Future Fabrics](#)

DT Revision: YouTube [Movement and Motion](#)

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Student Learning Journey

Subject: Design Technology Year 8 Developing Textiles Skills

Previously you have learnt



In year 7 you have explored a range of traditional textile techniques from around the world as well as the work of contemporary textile artists such as Liz Payne. You have developed your practical skills, learning how to create repeating patterns using block printing and stencilling as well as a range of hand embroidery stitches.

In this unit you will learn



In this unit you will develop your technical skills and accuracy through use of the sewing machine. A large emphasis will be placed on safe working practices, time management and quality control. You will also look at industrial processes and careers in the textiles industry. You will learn how to read patterns, produce technical drawings and join and finish materials to a high standard.

Key Vocabulary and Terminology



Tier 2: Analyse, design, create, explain, identify, accuracy

Tier 3: Fibre, resit dye, grainline, seam

Further Learning



V&A Museum [Explore The Collections \(vam.ac.uk\)](http://vam.ac.uk)

Hobbycraft Tutorials [Sewing Different Seams Tutorial | Get Started in Sewing](#)

Scene360 [8 Strangely Fascinating and Innovative Fashion Designers](#)

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Student Learning Journey

Subject: Drama Year 8 Rotation 2: The Hunger Games – Exploring Characterisation

Previously you have learnt



How to use drama techniques to explore the theme of Peer Pressure and Anti-Social Behaviour.
You explored a variety of characters and had an opportunity to create your own monologue for performance.

In this unit you will learn



How to use a range of characterisation and physical theatre techniques to explore the narrative of *The Hunger Games*.

You will consider the portrayal of characters in a creative and energetic way, using exciting physical storytelling techniques and staging conventions – such as stage combat and split-staging – and apply the techniques of innovative theatre practitioners *Frantic Assembly*.

Key Vocabulary and Terminology



Tier 2: Characterisation, duologue, Voice, Eye Contact, Body Language, Movement, Facial Expression, Gesture, Hot-seating

Tier 3: Stimulus, split stage, tableaux, stage combat, pitch, pace, pause, volume, intonation, tone, emphasis, transition, body propping, physical theatre, proxemics, slow motion, archetype, direct address, conscience alley

Further Learning



[Physical theatre techniques - Physical theatre - GCSE Drama Revision - BBC Bitesize](#)

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Student Learning Journey

Subject: Geography - Year 8, Emerging Asia

Previously you have learnt



About the theory of **plate tectonics**, **plate boundary types** and the **hazards** that are associated with these boundaries. You looked at the different types of impacts, both primary and secondary, of volcanoes. You looked at how impacts vary between **HIC and LICs**. This was followed by understanding why we have LIC/NEE/HIC countries. This was linked into **globalisation**, connecting the idea of development and globalisation. You about the dynamic landscape of the UK and how it has been shaped over thousands of years and continues to change to this day.

In this unit you will learn



About **Asia**, an emerging continent with huge contrasts in physical geography but also uman geography. You will start by comparing Asia with the largest continent based on number of countries, **Africa**. You will examine 3 key countries across Asia, **China, India and Qatar**. In your studies you will explore both the physical and human geography of Asia that includes the wide ranging ecosystems that are found across the continent but also changes in population and the significance of tourism in the area.

Key Vocabulary and Terminology



Tier 2: Social, Economic, Environmental, Physical, Human, Development, Scarcity, Sanitation, Poverty, Fair Trade, Migration, Tourism, Monsoon,

Tier 3: Life Expectancy, Literacy Rate, Health, HDI (The Human Development Index), GDP (Gross Domestic Product), LIC , HIC , MDGs , SDGs , Population Density, Primary Sector , Secondary Sector , Tertiary Sector , NGO (Non-Governmental Organisation), DTM (Demographic Transition Model)

Further Learning



[Asia](#)

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Student Learning Journey

Subject: RE, Yr 8, How much can we learn about religion and culture from Dia De Los Muertos?

Previously you have learnt



You have knowledge of the foundations of all major faiths, inclusive of Humanist ideas. You are able to articulate the core principles of Buddhism and have recently considered what our role is on the planet when investigating whether or not it matters if the northern white rhino becomes extinct. You have been introduced to ideas of ethics and morality and have considered different religious responses to social justice.

In this unit you will learn



You will acquire detailed knowledge of the festival of Dia De Los Muertos and analyse how religion and culture can become blended. You will explore the catholic and meso American roots of Day of the Dead and understand its historical and cultural significance. You will think critically about the core principles of remembering the dead, and also about modern day interpretations of Dia De Los Muertos including the Disney film CoCo.

Key Vocabulary and Terminology



Tier 2: Death, remembering, festival, marigold

Tier 3: Offrenda, Dia De Los Muertos, Marigold bridge, Spiritual awakening

Further Learning



[british library resource on dia de los muertos](#)

[What is Culture? \(youtube.com\)](#)

Hatton Character Qualities

Resilience	Open Mindedness	Creativity	Responsibility	Empathy
Self-Regulation	Courage	Commitment	Team Work	Leadership
Determination	Curiosity	Verbal Confidence	Social Intelligence	Citizenship

Excellence

Aspiration

Achievement

Inspiration

Community



Student Learning Journey

Subject: Science Year 8 Biology 8B4 Ecosystems

Previously you have learnt



In year 2, you described how animals obtain their food from plants and other animals, using food chains. In year 3 and 4, you have constructed and interpreted a variety of food chains, identifying producers, predators and prey.

In this unit you will learn



To describe what food chains and food webs are and define the key words predator, prey, producer, consumer, herbivore, carnivore, omnivore, energy, interdependence. You will be able to explain how energy is transferred through food chains and describe predator-prey relationships, sampling, the human and environmental impacts on ecosystems and how to preserve biodiversity.

Key Vocabulary and Terminology



Tier 2: Describe, explain, suggest, analyse, state, identify.

Tier 3: Predator, prey, producer, consumer, herbivore, carnivore, omnivore, energy, interdependence.

Further Learning



[Ecosystems and habitats - KS3 Biology - BBC Bitesize](#)

[Ecological sampling - Ecosystems and habitats - KS3 Biology - BBC Bitesize - BBC Bitesize](#)

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Student Learning Journey

Subject: Science Year 8 Chemistry 8C4 The Earth And Atmosphere

Previously you have learnt



In year 7, you learnt about chemical reactions. Earlier in year 8, you learnt about acids. You also learnt how to write equations for reactions.

In this unit you will learn



To describe the differences between types of rock, both in terms of properties and chemical reactions. To learn how the different types of rock are formed and the rock cycle. To compare the uses of ceramics and composites. To know the environmental impacts of polymers. To understand the composition of the atmosphere, understand the importance of greenhouse gases and the impact of them increasing.

Key Vocabulary and Terminology



Tier 1: Describe, properties, formation, observation, impact

Tier 2: Sedimentary, metamorphic, igneous, rock cycle, composite, ceramic, polymer, greenhouse gasses.

Further Learning



[BBC Bitesize – Rock Types](#)

[BBC Bitesize – The Earth and Atmosphere](#)

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Student Learning Journey

Subject: English, Year 8, Society and the Individual

Previously you have learnt



So far in year 8 you have explored different power dynamics between characters such as Prospero, Ariel and Miranda. You have also spent time understanding different historical contexts and how they affect the meaning of the stories we are reading such as Victorian context and Jacobean context.

In this unit you will learn



You will be exploring the theme of Society and Individual. You will begin by reading the book *Now is the Time for Running* where you explore how two brothers fight for freedom against a troubling society. You will then read the novella *Animal Farm*, an allegorical story, based around the context of the Russian Revolution. Here, you will explore power dynamics in a larger society. Alongside this you will consider key issues in our own society and practise writing articles sharing your opinion on these key issues. You will be consolidating your grammar skills as you are writing.

Key Vocabulary and Terminology



Tier 2: Surveillance, Hierarchy, Revolt, Rebellion, Coercion, Reform and Propaganda

Tier 3: Allegorical, Communism, Capitalism, Soviet, Fable and Metaphor

Further Learning



[Animal Farm | Summary & Analysis | George Orwell - YouTube](#)

[The Russian Revolution - OverSimplified \(Part 1\) - YouTube](#)

[The Russian Revolution - OverSimplified \(Part 2\) - YouTube](#)

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Student Learning Journey

Term 5 and 6 Year 8 Spanish Rutina Diaria y la casa

Previously you have learnt



This year we have used all tense to talk about freetime including food, hobbies and travel, using opinions and justifications.

In this unit you will learn



learn about parts of body and how to talk about illnesses. We will talk about daily routine and what we do to get ready in the morning. We look at parts of the house relating to our daily routine.

Key Vocabulary and Terminology



Tier 2: Reflexive verbs, conjugation, nouns, adjectives

Tier 3: ¿Cómo te sientes? me siento...

¿Qué te duele? Me duele...

¿Cómo es tu casa? Mi casa es..

Further Learning



Please look at our department Padlet under Y8 Unit 1

[KS3 Spanish \(padlet.com\)](https://www.padlet.com)

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