Knowledge Organiser

Year 7 Summer 1 2025

Create Your Future

"Keep smashing it - Be strong, be brave, be confident"

Jodie Ounsley - 'Fury'

Professional Exeter Chiefs Rugby Player, and new Gladiator. A former England Women's Rugby Seven's player, Brazilian Jiu Jitsu British Champion, she won the title of Deaf Sports Personality of The Year in 2020.



Name:

Tutor Group:



Year 7 Summer 1 Knowledge Organiser 2025



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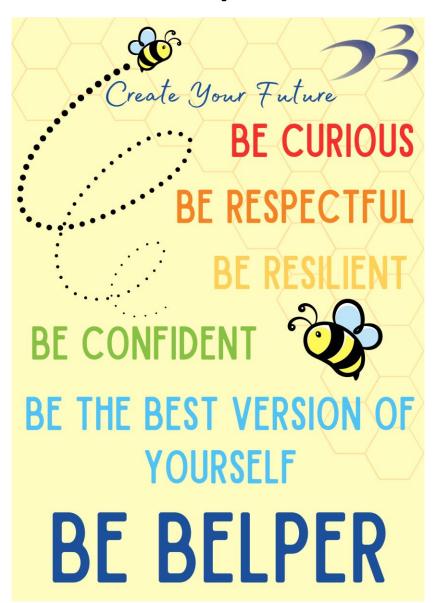
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Science, PE, Art and Technology are on a rotation so have multiple pages in this booklet. Your teacher will direct you to the appropriate pages when setting work.

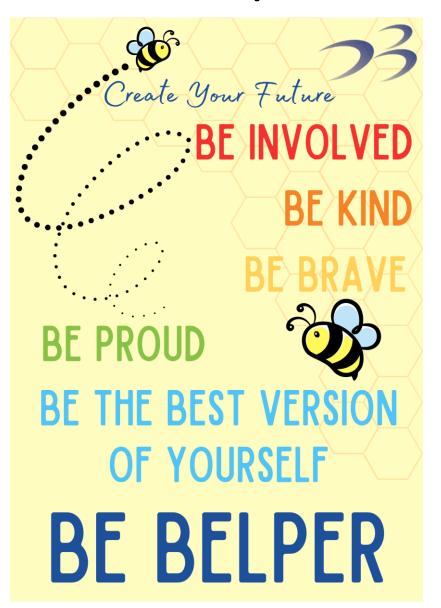
Timetable

Week 1	1	2	3	4	5
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					
Week 2	1	2	3	4	5
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

In Class Expectations



Out of Class Expectations



Attendance and Punctuality



Being in school and being on time is crucial for success and preparing for the future.

Lost learning can lead to additional anxiety and pressure to catch up work and risks the student falling even further behind.

Create Your Future



BE PRESENT BE PUNCTUAL

THERE ARE 175 NON-SCHOOL DAYS DURING THE YEAR TO SPEND ON FAMILY TIME, VISITS, HOLIDAYS, SHOPPING, HOUSEHOLD JOBS AND OTHER APPOINTMENTS

DAYS OFF SCHOOL ADD UP TO LOST LEARNING

BE BELPER

100%

OUR TARGET FOR ALL STUDENTS

97%
6 DAYS ABSENCE
30 HOURS LOST LEARNING

EXCELLENT
OR GOOD ATTENDANCE
BEST CHANCE OF
ACADEMIC SUCCESS

95%
10 DAYS ABSENCE
50 HOURS LOST LEARNING
WORRYING
AT RISK OF MAKING IT
HARDER
TO PROGRESS

90%
19 DAYS ABSENCE
95 HOURS LOST LEARNING
CONCERN
LESS CHANCE OF SUCCESS
AND SIGNIFICANTLY
REDUCES LEARNING

Attendance

- 90% attendance is half a day missed every week
- 90% attendance in one school year is 4 whole weeks of lessons (100 lessons) missed in that year.
- 90% attendance over 5 years of secondary school is half a year of school missed.
- Evidence suggests that, on average, every 17 days of school missed by a student equates to a drop of 1 GCSE grade.

Punctuality

- 10 minutes late each day = 50 minutes of lessons missed each week
- 10 minutes late each day = 2000 minutes (33.3 hours, 5.5 days) every academic year
- 10000 minutes (166.5 hours, 27.5 days) of missed learning from year 7 to year 11.

"Everyday you show up, you're investing in your future self. Don't underestimate the power of attendance."

Attendance this half term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7

Guided Reading Tracker



Date	Title and author	Summary of reading (+interesting or new vocabulary learned)	Signed:	

As part of your library lessons, you are expected to complete at least 20 minutes of reading once a fortnight.

To track your reading, you need to complete a row of the table before each library lesson to show details of the book you have read.

Your table also needs to be signed by someone who has witnessed you reading. This will most likely be a parent/guardian but it can alternatively be signed by your tutor, classroom teacher, buddy reader, TA or Sarah in the library.

English: Unit Title - Coraline



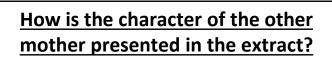
Section 1: Key Vocabulary				
Tier 3 vocabulary	Definition			
Superstition	A widely held but irrational belief in supernatural influences			
Narrative enigma	A sense of mystery created in a story			
Interactions	Communication between characters			
Protagonist	The main character in a story			
Antagonist	The central villain in a story			
Silhouette	A dark shape or outline cast against a brighter background			

Tion 2 woodbulg	Definition
Tier 2 vocabulary	Definition
Genre	A 'type' or 'category' of story – eg. Horror, fantasy, crime, etc.
Atmosphere	The tone or mood in a story
Foreshadowing	A warning or an indication of a future event
Characterisation	How a character is constructed & presented in a story
Dialogue	Conversation between characters in a story
Antonym	A word opposite in meaning to another

En	iglish: Unit	Title – Coral
Section	on 2: New Key Skills/S	trategies
	the course of the unit you ing strategies to explore	
R	Read the qu	uestion
U	Underline t	he key words
С	Choose the	best approach
S	Select the k	ey information
Α	Answer the	question
С	Check your	answer
	PEAT approach will help y g responses.	ou to structure your
С	Connective	Firstly, Secondly, Furthermore
Р	Point	the writer uses a simile,
E	Example	"the classroom glowed like a sweetshop"
А	Analysis	This suggests This implies
Т	Think (intention & impact)	The writer's intention is to

This evokes a

sense of...



Section 3: Sample CPEAT paragraph breakdown

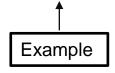
Connective

Firstly, the author presents the other mother as a frightening and intimidating character.



This is shown in the quote:

"Her hair was wriggling like lazy snakes."



Analysis - intention? Impact?

The author uses the simile 'like lazy snakes' to create a vivid picture of the other mother's appearance which is both unnatural and unsettling. The use of the noun 'snakes' adds a further layer of danger as it has connotation of the gorgon, Medusa which evokes a sense of alarm and fear in the audience.

English: My Sister Lives on the Mantlepiece



Section 1: Key Vocabulary		Section 2: New Key Skills/Strategies		Se	Section 3:		
Tier 3 vocabulary	Definition	C Connective Firstly, Secondly, Furthermore			Structural Techniques		
Grief	The mourning of a loss, usually the loss of a loved one	Р	Point	the writer uses a simile,	╁	Beginning	
Prejudice	A liking or dislike for one rather than another especially without good reason	E	Example	"the classroom glowed	╁	Middle End	You might be able to talk about these features in the
Terrorism	The unlawful use of violence or threats to intimidate or coerce a civilian population or government	A	Analysis	like a sweetshop" This suggests		Speaker	different sections of the novel.
Conflict	A serious disagreement and argument			This implies	ļL	Setting	
Islamophobia	Prejudice, negative sentiments, and hostility toward Islam and Muslims	Т	Think (intention & impact)	The writer's intention is to This evokes a sense of			
Affair	A situation in which a person involved in an exclusive relationship is having a relationship with someone else	Direct address					
Hijab	A head covering worn in public by some Muslim women		All	iteration			
Tier 2 vocabulary	Definition		0	Facts pinions			
Narrative Voice	Narrative voice is the perspective the story is told from.		Rhetori	cal questions			
Tone	Reflects the writer's attitude toward the subject matter or audience of a		Emoti	ve language		Simple or minor sentences	
	literary work		St	atistics	1L	Zooming in	You might be able to write
Analysis	Closely studying a text, interpreting its meanings, and exploring why the				$\ \ $	Repetition	about these features in your work and why the
·	author made certain choices		i ripiets,	Rule of three		Character introduction	writer has chosen them.
Intention	The reason why someone chooses to do something		Aı	necdote	1	Time changes	
Impact	The effect of something on the reader		Pur	nctuation			8

English Poetry Unit



Section 1: Key Vocabulary		Section	on 2: Key Strategies		Section 3: Poem Structures		
Tier 3 vocabulary	Definition	С	Connective	Firstly, Secondly, Furthermore	Kenning Poems A kenning poem is a special type of poem that describes an		
Stanza	A group of lines forming the structure of a poem; a verse, a paragraph.	P	Point	the writer uses a simile,	object or a creature without ever using its name. They are made up of a noun (object) + noun or a noun + verb (action word).		
Rhyme Scheme	The ordered pattern of rhymes at the end of the lines in a poem.	E	Example	"the classroom glowed like a	Wolf		
Sibilance	Repetition of the 's' sound in a			sweetshop"	Animal worrier Night mover		
	group of words in the same sentence. Often produces a hissing sound.	A	Analysis	This suggests This implies	Meat eater Paw licker Prey hunter		
Simile	A comparison of two things using the words 'like' or 'as'.	Т	Think - intention (why)?	The writer's intention is to	Woods dweller Moon howler		
Metaphor	A comparison of two things that states one thing is another.		And Impact (What)?	This evokes a sense of			
Tier 2 vocabulary	Definition				Acrostic Poem		
Imagery	Visually descriptive language that you can image in your mind.	R	Read the question		An acrostic is a poem in which the first letter of each line spells out a word, message or the alphabet.		
Alliteration	Words in a sentence that begin with the same letter or sound.	U	Underline the key	words	Wind stiff and cold nip at my nose		
Suggests	Use in a CPEA paragraph in the 'A'	C	Choose the best ap	oproach	Icicles hang from rooftops and sparkle like jewel		
	section. To mention as a possibility.	S	Select any key info	ormation	Nightfall comes early and darkens the world Trees bare and still wear coats of white snow		
Highlights	Use in a CPEA paragraph in the 'A' section. To draw special attention to.	Α	A Answer the question		Eager children grab sleds and run up steep hills Resting animals hibernate until the spring breeze		
Infers	Use in a CPEA paragraph in the 'A' section. To conclude something from evidence and reasoning.	С	Check your answe	r	blows		

Year 7 Summer 1

English: Treasure Island



Section 1: Key Vo	cabulary
Tier 3 vocabulary	Definition
Yarn	Long and rambling story often implausible
Loot	Private property taken from an enemy in war
Schooner	A sailing ship with two masts with one smaller than the other
Nautical	Concerning navigation, sailors and/or the sea
Desertion	The action of leaving a person, place and/or situation
Berth	A fixed bunk on a ship
Aloft	Up in or into the air
Tier 2 vocabulary	Definition
Tension	A feeling of worry or anxiety
Novel	A long story with chapters
Atmosphere	The main feeling that is created in a moment of a story.
Symbol	Something (usually an object) that represents a bigger idea or concept.

When the audience/reader knows

more about the plot than the

characters.

Dramatic irony

Section 2: New Key Skills/Strategies Writing a CPEAT:	
Example- How does the writer present the character Long John Silver?	

Connective- Initially; Moreover; Overall,

Point- the character _____ is intentionally presented as _____ using _____.

Evidence-This is illustrated when '.....'

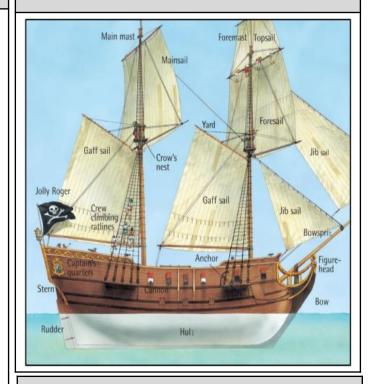
Analysis- The use of _____ suggests... We can infer...

Think intention and impact- The writer wants to make us think/feel/understand... This would make the audience think/feel/understand ...

Model Answer

Firstly, Long John Silver is the book's most powerful and developed character, one whose motivation is believable but not unambiguous and whose complexity makes *Treasure Island* a true work of genius. Silver is much more than a type; he is a genuine individual "intelligent and smiling . . . clean and pleasant-tempered", attractive and repellent by turns, frightening at times and at other times nearly sympathetic, always compelling.

Section 3: The Hispaniola



Section 4: The World in the 1870s:

The top level of a ship includes the masts and sails. The masts are tall poles that hold the sails which are pieces of fabric used to catch wind as a way to move a ship through the water. The main level includes the main deck. This is the open air area of a ship that is the surface or floor of the ship. This open-air area might have different levels. It's where the people on the ship usually work. The lower level often includes a storage area called a hold, a kitchen called a galley and living quarters for the people working on the ship.

English: Oliver Twist



Section 1: Key Vocabulary		Section 2: Using CPEAT to answer questions		Using CPEAT to answer questions	
Tier 3 vocabulary	Definition				
Contrast	The observable difference between things.	Connective	Organise your ideas by using FirstlyMoreoverAdditionally Using the words of the question you make a point to	D – Direct AddressA – AlliterationF – Facts	
Satire	The use of humour or ridicule to expose and criticise people's stupidity.	Evidence	answer it You choose some words from the text to prove your	O – Opinion R – Rhetorical Question E – Emotive Language	
Foreshadowing	A technique used to hint at future events in the text.	Analyse Think	point You analyse how the words that you've chosen prove the point that you've made and what the impact could be on the reader	S – Statistics T – Three (rule of)	
Symbolism	The use of symbols to represent larger ideas or qualities.	Example How does Dickens present the character of Fagin? (P) Dickens uses Fagin's outwardly appearance to symbolise his corrupt and possibly evil intentions from the outset of the novel. (E) When the reader is first introduced to Fagin, he is said to have a 'beady eye' and is later referred to as 'sinister'. (AT) The adjectives 'beady' and 'sinister' together suggest that Fagin is an untrustworthy and dangerous character which could make the reader apprehensive about Oliver's interactions with him.		Emotive language Rule of Three	
Juxtaposition	The specific placing of things side-by- side to emphasize their opposing relationship.			First and foremost, <i>Oliver Twist</i> offers an unforgettable journey into the heart of social justice. The novel takes us into the grim world of 19th-century London, where a young orphan named Oliver faces the harsh realities of poverty, abuse, and neglect. For many children, reading <i>Oliver Twist</i> is their first exposure to the struggles of those less fortunate. Through	
Pathos	A quality that evokes pity or sadness.				
Dramatic Irony	When the audience/reader are aware of the significance of the character's words or actions, however the character is not.				
Tier 2 vocabulary	Definition			Oliver's story, young readers develop a greater sense of empathy and understanding toward those in need. In a	
Injustice	A lack of fairness.	Industrial Revolution The industrial revolution transformed society away from agricultural production as a means of commerce to large machinery and		world where issues like inequality and injustice still persist, wouldn't you agree	
Corruption	When someone is dishonest or fraudulent.		dvancement. This brought thousands of people into the work in factories. They worked long hours (in poor low wages.	that understanding the experiences of the less privileged is more important than ever?	
Urbanisation	An increase in the number of houses and people in an area.		strial revolution, there no laws to protect children at	Rhetorical Question	
Moral	Principles which teach the difference between right and wrong.	work. They were cheap to pay and small enough to do intricate, dangerous jobs on large machinery which meant they were exploited. The creation of workhouses were meant to ensure that children had a roof over their head and fed, however, in reality, impoverished children, including orphans, and the elderly, were expected to do hard labour while malnourished and sick.			
Disparity	The difference or imbalance between two things.				

Year 7 Summer Maths: Arithme

Maths: Arithmetic Procedures with Fractions



Section 1: Key Voca	abulary		and Sixth Form Centre
Tier 3 vocabulary	Definition	Section 2: Representations	Section 3: Operations
Terminating Decimal	A decimal number which can be expressed in a finite number of figures, such that all figures to the right of some place are zero	Fraction wall	Dividing a fraction by an integer $\frac{8}{9} \div 4 = \frac{2}{9}$
Recurring decimal	A decimal number in which a figure or group of figures is repeated indefinitely, ie 0.666 or 1.851851851	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Numerator	The part of a fraction <i>above</i> the vinculum, or fraction bar	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\frac{8}{9}$ shared into 4 equal parts of size $\frac{2}{9}$
Denominator	The part of a fraction below the vinculum, or fraction bar	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Using equivalence to find a fraction between two others
Improper fraction	A fraction with a numerator greater than the denominator, such as $\frac{6}{5}$	The interval between any two integers can be separated into equal parts of any size. Equivalent fractions represent the same distance along the fraction wall Equivalent fractions, decimals and percentages	Find a fraction between $\frac{2}{3}$ and $\frac{4}{5}$
Mixed number	A number made up of an integer and a proper fraction such as $4\frac{2}{3}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12} = \frac{10}{15}$
Tier 2 vocabulary	Definition	1 2 3 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10	$\frac{4}{5} = \frac{8}{10} = \frac{12}{15}$
Infinite	Endless and immeasurable, such as the sequence of counting numbers	0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9	$\frac{2}{3} = \frac{10}{15} < \frac{11}{15} < \frac{12}{15} = \frac{4}{5}$
Simplify	To reduce the numerator and denominator of a fraction, whilst maintaining their multiplicative relationship	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% 25% 33% 66% 75% 0.25 0.33 0.66 0.75	Division by a fraction
Equivalent	Fractions are equivalent if they express the same value ie $\frac{2}{4} = \frac{1}{2} = 0.5$	Multiplying a fraction by a fraction $\frac{2}{3}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Revision QR codes		$\frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$ $\frac{4}{5}$	To divide by a fraction, convert the dividend into a fraction of common denominator to the divisor.
+ - Fractions x Frac	etions ÷Fractions Equivalent	3 ~ 5 15 5	Here, we see that $2\frac{1}{2}$ when contains 10 lots of $\frac{1}{4}$ so: $2\frac{1}{2} \div \frac{1}{4} = \frac{5}{2} \div \frac{1}{4} = \frac{10}{4} \div \frac{1}{4} = \frac{10}{1} = 10$

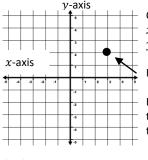
Year 7 Summer

Maths: Plotting co-ordinates

Tear 7 Summer		
Section 1: Key Vocabulary		
Tier 3 vocabulary	Definition	
Cartesian Coordinate system	A system used to define the position of a point in 2- or 3-dimensional space	
Linear	Straight line	
Gradient	The steepness of the line	
Intercept	Where lines cross	
Integer	Whole number	
Non – integer	Not a whole number	
Tier 2 vocabulary Definition		
Coordinate	A point on a coordinate grid (x, y)	<u> </u>
Infinite	Endless. Immeasurably extensive	1
Plot	To mark a coordinate	
Quadrant	One of the four sections on a Cartesian coordinate grid	

Section 2

Coordinates in four quadrants



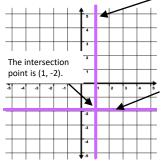
Coordinate (x, y)x is the position on the x – axis first y is the position on the y – axis second

In this case, the coordinate is (3,2)

From the origin this is 3 places across the positive x – axis and 2 places up the positive y – axis

(0,a) will always be a point on the y – axis (a can be any number) (a, 0) will always be a point on the x – axis (a can be any number)

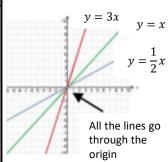
Lines parallel to the axes



This line is x = 1All coordinates on this line have an x —coordinate of 1 (1, 3), (1, 0) and (1, -1) are on the line because the x –coordinate is 1

This line is y = -2All coordinates on this line have an γ —coordinate of -2 (4,-2), (0,-2) and (-1,-2) are on the line because the y —coordinate is -2

Recognise and use the lines y = kx



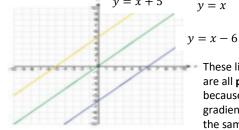
The value of k changes the steepness of the line. It is also known as the gradient.

The bigger the value of k, the steeper the line will be.

The closer to 0 the value of the k, the closer the line will be to the x —axis

Section 3

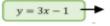
Lines in the form y = x + a



These lines are all parallel because their gradients are the same.

y = x + 5 is a translation of the line y = xThe line y = x has been moved 5 places up the graph. 5 has been added to each of the x —coordinates

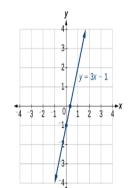
Plotting y = mx + c graphs



Multiply the x —coordinate by 3, then subtract 1

Draw a table to display this information

This represents the coordinate (-3, -10)



You only need to plot two coordinates to form a straight line.

Plotting more points helps to check that your calculations are correct if they still make a straight line.

Join the points using a pencil and ruler to make a straight line.

13



Revision QR codes

Horizontal and

Origin



Plotting graphs



Gradient

The point (0, 0) where the x-axis

and the y-axis cross

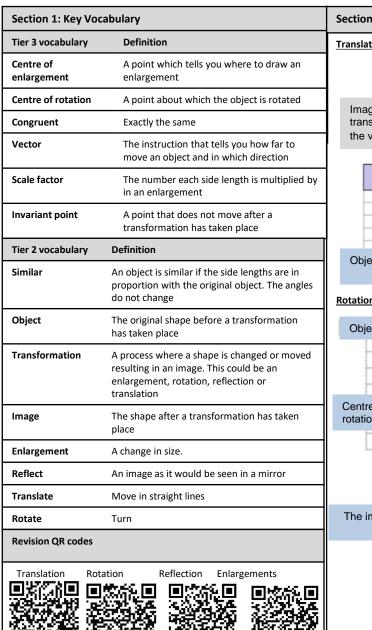


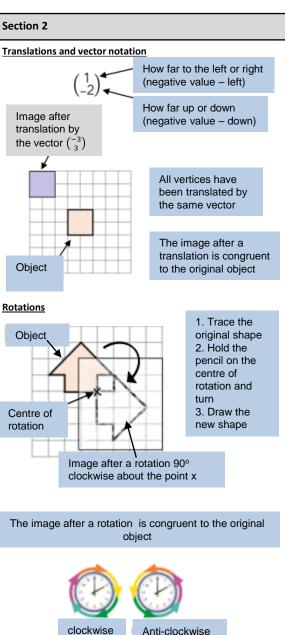


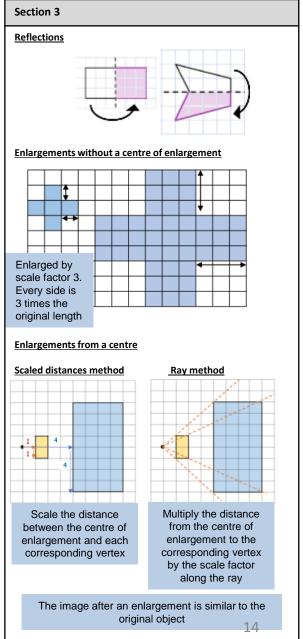
Year 7 summer 1

Maths: Transformations









Year 7 Summer 1

Chemistry - Chemical Reactions



Section 1: Key Vocabulary		Section 2:	Section 3:	
Tier 3 vocabulary	Definition	Colour in the pH scale below;	Gas Tests	
Indicator	A substance used to distinguish an acid from an alkali	Neutral Acid Alkali Strong Weak Weak Strong	Test for Oxygen O2 Test for Carbon dioxide Carbon dioxide	
рН	A number assigned to a substance to identify it as acid, alkali or neutral	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Oxygen relights a (clear/colourless) Limewater (clear/colourless)	
Reactant	The starting substances which react together	Hazard symbols tell us why we need to be careful with certain substances. Goggles to be worn at all times during practical activities as	glowing splint (cloudy/milky)	
Product	The substances which are created from the chemical reaction	a safety precaution. Explosive Corrosive Health Hazard	Test for Hydrogen Hydrogen makes a squeaky pop Test for Water Water turns cobalt chloride paper from	
Sodium Hydroxide	A common alkali with formula NaOH	Flammable Acute Toxicity Serious Health	with a lighted splint H2 H2O Calul righterida Language La	
Hydrochloric acid	A common acid with formula HCl	Oxidising Hazardous to Gas Under the environment Pressure	Signs that a reaction is happening	
Sulfuric acid	A common acid with formula H ₂ SO ₄	the environment Pressure General word equations for neutralisation		
Nitric acid	A common acid with formula HNO3	Acid + alkali → salt + water	 A change in colour / appearance A change in temperature 	
Hydrogen	All acids contain hydrogen. Molecules of hydrogen exist in pairs - H ²	Acid + arkaii → salt + water Acid + metal → salt + hydrogen	Fizzing / gas production	
Tier 2 vocabulary	Definition	definition of the control of the co	Fire Triangle: Fire needs these 3 things	
Neutralisation	A chemical reaction between an acid and an alkali	carbon dioxide		
Hazard	Something that could cause harm	Bee stings are acidic, so you would put an		
Concentration	A measure of how many particles are dissolved in a solution	alkaline cream on it to neutralise it.		
Combustion	Scientific word for burning]		
Neutral	pH7, when a substance is neither an acid or an alkali		FUEL	

Chemistry - Sustainability

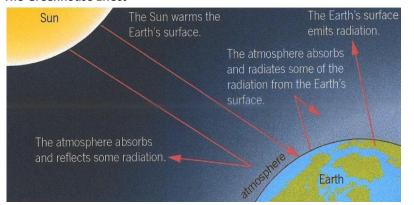


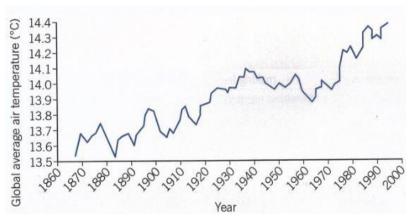
Section 1: Key Vocabulary		
Tier 3 vocabulary	Definition	
Greenhouse effect	The process in which gases trap heat in the atmosphere.	
Greenhouse gas	Gases which trap heat in the Earth's atmosphere.	
Global warming	An increase in the Earth's average temperature.	
Deforestation	Cutting down trees, or burning them to make space for crops or cattle.	
Atmosphere	The gases surrounding a planet like the Earth.	
Drought	A lack of rainfall.	

Tier 2 vocabulary	Definition
Weather	The weather conditions at a specific time e.g. it rained on Tuesday.
Climate	The weather conditions over a period of time e.g. the yearly air temperature.
Recycling	Collecting and processing materials so they can be used again.
Reusing	Collecting materials and reusing them without processing them.
Source	Where something comes from
Impact	The effect something has.
Resource	Materials that we use to make the materials we use e.g. rocks used to make metals.

Section 2:

The Greenhouse Effect





Recycling

Advantages of recycling:

- · Resources will last longer
- Saves energy
- · Reduces waste and pollution

Disadvantages of recycling:

- · Separating rubbish takes time and effort
- · Recycling schemes take time and cost money to set up

Greenhouse gases

Carbon dioxide

Sources of greenhouse gases

- Combustion (burning fossil fuels)
- Volcanoes
- Decomposers

Impacts of climate change:

- Increased global temperatures
- Extreme weather such as storms

Questions to consider:

- 1. Which materials can you recycle at home?
- 2. What is the difference between recycling and reusing?
- 3. What are the impacts of climate change?
- 4. What can we do to reduce the effects of climate change?

Year 7 Summer 1

Tier 3 vocabulary	Definition
Birth rate	The number of babies born per 1000 of the population per year.
Census	A count of the population. In the UK, this is every 10 years.
Death rate	The number of deaths per 1000 of the population per year.
HIC (High Income Country)	A wealthier country.
Infant mortality rate	The number of babies who do not survive to the age of 1 per 1000 live births.
LIC (Low Income Country)	A poorer country.
Population	The number of people who live in a place.
Population distribution	How people are spread out across an area.
Quality of life	How good a person's life is. This could be due to a mix of social, economic and environmental factors (see Tier 2 vocabulary below).
Settlement	A place where people live eg. village, town, city.
Shanty town	A poor community where people have made their housing from scrap materials.

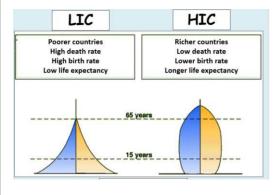
Tier 2 vocabulary	Definition
Sustainability	The practice of using natural resources responsibly, so they can support both present and future generations.
Social	Things affecting people and their community.
Economic	Things relating to money.
Environmental	Things relating to our surroundings.

Geography: Global issues



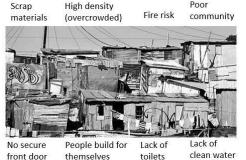
Section 2: New Knowledge

Population pyramids



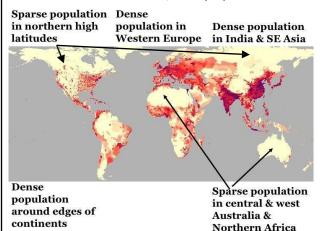
High density (overcrowded)

Shanty towns



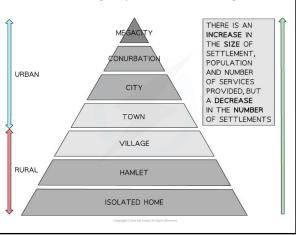
Population distribution

Sparse = not many people live there. **Dense** = Crowded area, lots of people.



Settlement hierarchy

Megacity = City with over 10 million people. **Conurbation** = Large city and their surrounding towns.



Section 3: Geographical Skills

Different graphs are used for different types of data. For example:

- To show how population is distributed across an area, a **choropleth** is used.
- To show how the number of people in a place has changed over time, use a line graph. To show the structure of a population in a place, use a **population pyramid**.

History: Tudor Religion and Black Tudors



Section 1: Key Vocabulary		
Tier 3 vocabulary	Definition	
Roman Catholic	The Christian church under Rome.]
Protestant	Christian protesters to the power of the Roman Catholic Church.	
Pope	Head of the Roman Catholic Church	
Monastery	Buildings of Monks and Nuns.	
Heresy	A crime against the church.	1
Reformation	Reforming of the Christian church.	
Divine Right	The belief that the monarch is appointed by God so must be obeyed.	
Moor	Usually referring to a Muslim or Black Muslim, often from North Africa.	
Tier 2 vocabulary	Definition	
Latin	The language of the Romans and Roman Catholic church.	
		\mathbf{f}

Section 2: Unit Summaries

1. How much religious change was there under each Tudor Monarch?

In 1534 Henry VIII broke from Rome and became Head of the Church in England. This sparked lots of religious changes which continued under the reigns of his children Edward VI, Mary I and Elizabeth I. England was divided into Catholics and Protestants. Was Elizabeth's attempt at bringing peace successful in 1558?

- 1. Who might the figure in the bed be?
- 2. Who is the child? How does he appear?
- 3. The pope is at the bottom, what is hitting him over the head?
- 4. Who might the other people be?

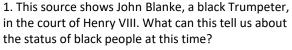


Second order concept = Change and Continuity

2. How did Kaufmann uncover the lives of black Tudors?

In this unit we will use Miranda Kaufmann's book, Black Tudors. We will look at how Kaufmann uncovered the lives of different individuals who had been hidden away previously. We will look at the methods and sources used by

Historians to find out about these fascinating individuals.





Second order concept Evidence

World Views: A-Z of religion and beliefs



Section 1: Key Vocabu	Section 1: Key Vocabulary		
Tier 3 vocabulary	Definition		
Atheist	Someone who doesn't believe in God.		
Humanist	Someone who believes in the power of human beings to solve all our problems.		
Burka	A garment worn by Muslim women that covers the entire body.		
Oppression	Prolonged cruel and unfair treatment.		
Devotion	Faithfulness to something you believe.		
Niqab	Long garment worn by Muslim women that covers their whole body/head/face		
Genesis	The first part of the Bible containing and account of the creation of the world.		
Darwin	Charles Darwin discovered the Theory of Evolution.		
Hijab	Head coverings worn by Muslim women		
Natural Selection	Creatures with beneficial features survive longer and pass those features on to their offspring.		
Reincarnation	The belief that a person's soul is reborn into a new body after death		
Extremism	Having extreme political or religious views.		
Terrorism	The systematic use of violence or threat to force people to do what you want.		
Stereotype	An oversimplified image or idea of a particular type of person.		

Section 2: Key Questions

Atheism

The key idea of an atheist is: 'I believe there is no God'. Usually with this the atheist rejects belief in afterlife, heaven, hell, reincarnation, ghosts or angels. But is atheism a belief? Atheism shouldn't be seen as a negative thing: Humanists, for example, emphasise kindness, love, the beauty of art and of the earth. Morals don't need to depend on religion: humanity can figure out what is right and wrong, good and bad, for ourselves.

Jesus

One of the key figures in Christianity.

Believed to be born from Mary.

Believed to be the son of God.

Believed to a part of the Holy Trinity.

Born in a $\,$ stable in Bethlehem....this is remembered at Christmas time.

The long awaited Messiah.

Crucified under Pontius Pilate.

Resurrected on the third day.

Believed by Christians to be able to perform miracles.

Believed to have 12 disciples/11 apostles.

Creation stories

What's it all about? Are we made by God, or an accident? Most religious people today do not think the universe was made in 6 days, as Genesis seemed to claim. They think God is the designer of a scientifically explained universe, while atheists give accounts of the origin of the universe that don't need a divine power.

Right and Wrong

As we grow up there are many things/people/places that influence our ideas about what is right and wrong. Family, peers, religion, school, social media to name but a few.

Extremism

Free speech is one thing, but using violence to impose your views on others is the opposite of free speech. Religion comes in here, because some minority religious groups in various different religions reject the freedom of others to hold contrary views and seek, by violence or force, to impose their ideas.

Section 3: Assessment Essay Question:

Skills checklist

As you write your essay check that you have included...

Knowledge – facts and religious or non-religious beliefs,

Impact of belief – how it affects what people think and do.

Specialist terms

Sources of authority – where people get their ideas/beliefs from – quotations

Judgement – how strong, valid or sound the argument is

Opinion – at least 2 different points of view



French: Mon temps libre



Section 1: Key Vocabulary and questions		
Tier 3 vocabulary	Definition	
infinitive	verb in its original form (to do/doing)	
conjugation	correct verb for the subject	
liaison	pronunciation of s/t/x + vowel	
present tense	'I do' or 'I am doing'	
definite article	le,la,les,l' (the)	
indefinite article	un, une (a)	
regular verbs	follow a pattern (ER, IR, RE)	
irregular verbs	follow their own pattern	
cognate	words spelt the same in English	

Questions	Translation
1. Quel temps fait-il ?	What's the weather like?
2. Tu es sportif/sportive ?	Are you sporty?
3. Qu'est ce que tu aimes faire ?	What do you like to do/doing?
4. Est-ce que tu aimes?	Do you like?
5. Qu'est-ce que tu fais ?	What do you do/ are you doing?
6. Est-ce que tu fais?	Do you do?
7. Est-ce que tu joues?	Do you play?
8. Quand?	When?
9. C'est comment?	What's it like?
10. Pourquoi ?	Why?

Section 2: Grammar

faire (to do/make)

Subject pronoun	Irregular verb
je	fais
tu	fais
il/elle/on	fait
nous	faisons
vous	faites
ils/elles	font

faire + de

Use faire + de to talk about sports you do and other activities

de + le	→	du	le vélo	→	Je fais du vélo
de + la	$\overline{}$		la cuisine	=	Tu fais de la cuisine
de + l'	=		l'équitation	=	Il fait de l 'équitation
de + les	=			=	Elle fait des randonne

jouer (to play)

Subject pronoun	Regular verb ER
je	joue
tu	joues
il/elle/on	joue
nous	jouons
vous	jouez
ils/elles	jouent

jouer + à

Use jouer + à to say which sports or games you play

à + le → au le basket	→ Je joue au basket
à+ la → à la la pétanque	→ Il joue à la pétanque
à+ les → aux les cartes	→ Tu joues aux cartes

Section 3: Section 3: WAGOLL

Moi, je suis très sportif! Au collège je joue au rugby et je fais de la natation tous les mercredis. J'adore aussi l'équitation et tous les week-ends j'aime faire du vélo avec ma sœur. En hiver j'adore faire du patin à glace mais je n'aime pas faire du ski parce que c'est vraiment difficile et il fait trop froid!



J'ai deux copains qui s'appellent Antoine et Amandine. Amandine n'est pas très sportive mais elle adore jouer aux cartes et elle télécharge souvent des chansons surtout du pop! Antoine est assez intelligent et il adore la musique. Il joue de la guitare et il chante tout le temps. Il déteste regarder la télé parce que c'est ennuyeux mais il aime prendre des selfies et partager des photos avec ses copains. En été quand il fait beau on joue au tennis ensemble et on porte un short et un tee shirt. C'est hyper-cool!

À savoir:

Most French students have for two weeks for February half term depending on where they live in France. Where do you think many of them go and what activities do you think they might do?

Prepositions:

avec - with en - in

sur - on

Other Key Words:

tout (m) /toute (f) /tous (m.pl)/toutes (f.pl)- all, every



FRENCH Y7 Word list SUMMER 1.A			
	What's the weather		
Quel temps fait-il?	like?		
II fait beau	it's fine weather		
II fait mauvais	it's bad weather		
II fait froid	It's cold		
II fait chaud	It's hot		
Il y a du soleil	It's sunny		
Il y a du vent	It's windy		
Il pleut	It's raining		
II neige	It's snowing		
quand	when		
FRENCH Y7 Word list SUM	IMER 1.B		
sportif	sporty (ms)		
sportive	sporty (fs)		
je joue	I play/I am playing		
je ne suis pas	I am not		
le foot(ball)	football		
la pétanque	boules		
les cartes	cards		
chaque	each/every		
aujourd'hui	today		
la semaine	week		
FRENCH Y7 Word list SUM	IMER 1.C		
le lit	bed		
une activité	an activity		
la cuisine	cooking		
les courses	food shopping		
les magasins	shops		
faire de	to do a sporting activity		
faire	to do/doing, to make/making		
le patin à glace	ice-skating		
la natation	swimming		
le ski	skiing		
	<u> </u>		

FRENCH Y7 Word list SUMMER 1.D			
parfois	sometimes		
souvent	often		
tout le temps	all the time		
tous les jours	everyday		
tous les samedis	every Saturday		
quoi	what		
été (en été)	summer (in summer)		
l'hiver (en hiver)	winter (in winter)		
le printemps (au printemps)	spring (in spring)		
l'automne (en auto	omne) autumn (in autumn)		
FRENCH Y7 Word list SI	JMMER 1.E		
mauvais	bad (ms)		
bon	good (ms)		
partager	to share/ sharing		
télécharger	to download/downloading		
regarder	to watch/ watching		
envoyer	to send/ sending		
prendre	to take/taking		
mal	badly		
bien	well		
malade	ill		
FRENCH Y7 Word list SI			
le weekend	weekend/at the weekend		
intéressant	interesting		
intelligent	intelligent (ms)		
intelligente	intelligent (fs)		
méchant	mean (ms)		
méchante	mean (fs)		
sympa	nice		
génial	great		
arrogant	arrogant (ms)		
arrogante	arrogant (fs)		
sur	on		
le portable	mobile phone		

REVISION: Scan the QR code below to access the word lists on Quizlet! This QR code links to all the French Year 7 sets.

Phonics: Ç		
ça	français	
garçon	agaçant	
Phonics: e		
de	le	
je	petit	
Phonics: u		
tu	musique	
judo	amusant	
·	·	



Phonics: SFC silent final consonant		
marrant	tous	
sport	deux	

Phonics: qu	
question	quoi
quatre	quand

German: Freizeit



Section 1: Key Vocabulary/Questions		
Tier 3 vocabulary	Definition	
Adverbs of frequency	Words used to say how often you do something	
Irregular verbs	Verbs which do not follow the usual pattern. Some forms are different.	
Conjugation	A verb in all its different parts	
Modal verb	'Helping verbs' always used with another verb to convey meaning. E.G 'Can' or 'must'	
Word order 3	Sentence structure when using a subordinate clause	
Subordinate clause	A clause which cannot stand alone as a complete sentence.	
Conjunction	A linking word which joins together parts of a sentence.	
Infinitive	The dictionary form of the verb. In German they usually end in 'en' e.g spielen	

Questions	Translation
1. Was machst du in deiner Freizeit?	What do you do in your free time?
2. Spielst du gern Tennis?	Do you like playing tennis?
3. Was spielst du lieber, Fußball oder Rugby?	What do you prefer playing, football or rugby?
4. Was spielst du am liebsten?	What's your favourite sport to play?
5. Wie oft gehst du ins Kino?	How often do you go to the cinema?
6. Wann schwimmst du?	When do you swim?
7. Was kann man in Belper machen?	What can you do in Belper?

Section 2. Grainin	iai		
machen - to do	o/make	Lisen - to rea	d
ich mach e	I do/make	ich lese	I read
du mach st	you do/make	du liest	you read
er/sie/es/ man mach t	he/she/it does/makes	er/sie/es/ man liest	he/she/it/ one reads
wir mach en	we do/make	wir lesen	we read
Ihr mach t	you do (pl)	ihr lest	You read (pl)
Sie mach en	you do (pol)	Sie lesen	you read (pol)
	, , ,	sie lesen	they read
sie mach en	they find	•	

gern/lieber/am liebsten

Section 2: Grammar

Use these words to say how much you like something. They usually come straight after the verb.

Example:

Ich spiele gern Tennis (I like playing tennis)

Ich spiele **lieber** Rugby (I prefer playing rugby)

Ich spiele am liebsten Fußball (I like playing football most of all)

Word Order 3 (WO3)

Remember when using 'weil' and some other conjunctions, the main verb comes last.

Example Ich spiele gern Hockey. Es ist toll.

When we link these two ideas, the word order would be Ich spiele gern Hockey, weil es toll ist.

'ist' is the verb in the second clause and so it comes last.

Use interrogatives to ask questions

Examples Wer ist deine Deutschlehrerin? Who is your German teacher?

Wann hast du Englisch heute? When do you have English today?

Section 3: WAGOLL & phonics

Ein Dialog

A Was machst du gern in deiner Freizeit?

B Ich lese gern aber ich spiele lieber Fußball.

A Spielst du gern Tennis?

B Na, Tennis ist ok aber am liebsten spiele ich Hockey.

A Was spielst du lieber, Fußball oder Rugby?

B Ich spiele lieber Fußball, weil ich Rugby langweilig finde.

A Was spielst du am liebsten?

B Am liebsten spiele ich Volleyball.

A Wie oft gehst du ins Kino?

B Ich gehe normalerweise einmal im Monat.

A Wann schwimmst du?

B Ich schwimme jeden Mittwoch um 17:00.

A Was kann man in Belper machen?

B In Belper kann man vieles machen; zum Beispiel ins Kino gehen, mit Freunden ins Cafe gehen, tanzen gehen oder Sport im Freizeitzentrum treiben.

Gut zu wissen

Use the structure 'Man kann....' to talk about things to do in a town. The verb is the second idea and put the infinitive (second verb) at the end of the sentence.

Example:

Man kann in Belper im Sportzentrum schwimmen

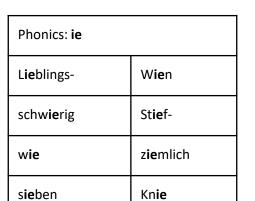
Man kann in der Schule Fußball und Tennis **spielen**

	Erdkunde	Geography
	Geschichte	History
	Naturwissenscha	
	ften(pl)	Sciences
	Mathe	Maths
	Deutsch	German
	Französisch	French
	Werken/Technik	Technology
	Informatik	ICT
	Kunst	Art
	das Lieblingsfach	favourite subject
EI	RMAN Y7 Word list Su	mmer 1.B
	mögen	to like
	ich mag	l like
	du magst	you like
	lieben	to love
	ich liebe	l love
	du liebst	you love
	hassen	to hate
	ich hasse	I hate
	du hasst	you hate
	auch	also, as well
El	RMAN Y7 Word list Su	mmer 1.C
	finden	to find
	ich finde	I find
	du findest	you find
	es/sie	it/them
	weil	because
	langweilig	boring
	schwierig	difficult
	einfach	easy
	nützlich	useful
	der Unterricht	lesson

GERI	MAN Y7 Word list S	ummer 1.D
	Montag	Monday
	Dienstag	Tuesday
	Mittwoch	Wednesday
	Donnerstag	Thursday
	Freitag	Friday
	Samstag	Saturday
	Sonntag	Sunday
	die Stunde	lesson/hour
	die Pause	break
	die	
	Mittagspause	lunch break
GER	MAN Y7 Word list S	Summer 1.E
	um	at
	die Uhr	clock, o'clock
	wie viel	how much, what time
	immer	always
	oft	often
	manchmal	sometimes
	ab und zu	now and then
	nie	never
	vor	before, in front of
	nach	after
GER	MAN Y7 Word list S	iummer 1.F
	der Lehrer/die	
	Lehrerin	teacher
	jung	young
	streng	strict
	unpünktlich	unpunctual, late
	hilfsbereit	helpful
	nervig	annoying
	wer	who
	wann	when
	was	what
	wie	how

REVISION:

Scan the QR code to access the word lists on Quizlet! This QR code links to all the German Y7 QUIZLET sets.



Knie

Phonics: ei	
Fr ei tag	s ei n
hilfsber ei t	gem ei n
weil	kl ei n
zw ei	bl ei ben

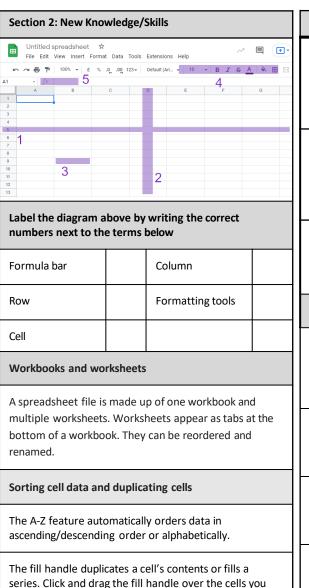


Computing – Introducing Spreadsheets



Section 1: Key Vocabulary	
Tier 3 vocabulary	Definition
Spreadsheet	A computer program that represents data in a grid, and helps you to perform calculations.
Cell reference	A letter and number to refer to a specific cell (or group of cells) in a spreadsheet
Relative cell reference	Relative references change when a formula is copied to another cell.
Absolute cell reference	Relative references stay the same when a formula is copied to another cell.
Variable	A value we put in a cell in the spreadsheet. This value may change

Tier 2 vocabulary	Definition
Modelling	Modelling is the process of describing a real world problem or situation in a mathematical way. Spreadsheets excel at this!
Simulation	The process of using a model to predict behaviour.
Cost	The amount of money needed to buy something.
Profit	The difference between the amount something is sold for, and the amount it cost.
Formatting	Laying out data in a spreadsheet, in as clear and readable a way as possible.
Chart	A visual way to represent data from a spreadsheet.



want the duplicate data or series to fill.

Section 3: Other subject specific things		
$X \equiv$	Microsoft Excel is probably the most famous and commonly used spreadsheet. It was first released in 1987. It can be purchased together with Word and Powerpoint.	
	We are using Google Sheets for this term. It is free to use, automatically saves your work to Google drive and can be accessed anywhere on nearly any device (even your phone!)	
	op Of	Ic is part of libreoffice - the free en source equivalent of Microsoft fice. Like Sheets, it is very similar Excel.
Useful Formulae		
= A1 + B3		This formula will add the contents of cell A1 to cell B3. The "=" sign always starts a formula, or calculation.
B2:E4		The colon (:) between the two cell references uses a GROUP of cells (Top left to bottom right)
\$B3, B\$3, \$B\$3		The dollar sign (\$) makes an absolute cell reference. It freezes the column or the row.
=SUM(A1:A7) =MAX(A1:A7) =MIN(A1:A7)		SUM adds the contents of all the cells in brackets. MAX shows the largest value, MIN gives the smallest.

PE: Tennis

Section 1: Key Vocabulary	
Tier 3 vocabulary	Definition
Handshake grip	The best way to hold the racket handle is as though you are shaking someone's hand.
Ready position	On your toes, feet apart, knees bent, facing the ball with your racket in front is the best way to prepare to receive the ball.
Forehand	Playing the ball on your strongside.
Backhand	Playing the ball on the other side of your body to that on which you have the racket.
Rally	Playing the ball back and forth with a partner.
Volley	Playing the ball before it bounces.
Groundstrokes	Shots played after the ball has bounced from the back of the court
Love	The tennis word for zero - from "l'oeuf"

Section 2: New Knowledge/Skills

In year 7 tennis, you will build up rallies with a partner and begin to play games on a small court.

You should be able to link the words from the box above with the things you see in the pictures below:









PE: Striking & Fielding

Section 1: Key \	Section 1: Key Vocabulary	
Tier 3 vocabulary	Definition	
Striking team	The team in bat have 2 aims: to not get out and to score runs.	
Fielding team	The team bowling and fielding have 2 aims: to get the batters out and to stop them scoring runs.	
Grip	The correct way to hold the bat.	
Stance	The correct way for the batter to stand to receive a delivery.	
Delivery	The bowler sending the ball to the batter.	
Base	A rounders pitch has four bases which the batter has to run to.	
Stumps/ bails	A cricket batter defends their wicket which is made up of 3 stumps and 2 bails	
Innings	Each team's turn in bat.	
Backstop	The fielder who stops/catches the ball behind the batter in rounders.	
Wicketkeeper	The fielder who stops/catches the ball behind the batter in cricket.	
Crease	A line across the pitch where the batter stands.	
Batting/ bowling box	In rounders, the batter and bowler must be in their boxes.	

Section 2: New Knowledge/Skills

In S&F activities you will play some rounders, cricket and softball. You will learn and practise the basics of batting, bowling and fielding. You will also be learning the important rules and tactics of each game.









PE: Track

Section 1: Key Vocabulary	
Tier 3 vocabulary	Definition
Sprint	Running as fast as you can
Pacing	Running at a steady pace to make sure you can complete the run without stopping.
Baton	French for 'stick'! The ting you hand to each other in a relay race.
Lane	The track is dived into lanes to give sprinters a clear space to run in.
Lead leg	Know which foot you like to go go over the hurdle first - 'kick' this leg up to start your action.
Trail leg	The back leg in hurdles - lift it round to the side to go over the hurdle.
Changeover	Passing the baton from one runner to the next
Up or down sweep	Two techniques for handing the relay baton to your teammate.

Section 2: New Knowledge/Skills

In track athletics in year 7 you will have a go at sprint events, middle distance events, hurdles, relay running and racewalking.

The running events in athletics are as follows. Highlight the ones you have tried in your lessons and write any times you get next to the event:

Sprints: 100m, 200m, 400m Middle Distance: 800m 1500m

Long Distance: 3000m, 5000m, 10000m, marathon

Relays: 4x100m and 4x400m

Hurdles: 100/110m, 400m, steeplechase.

Race Walking: 10km, 50km

The hurdle position...

7

Sprint technique...



PE: Field (Jumping)

Section 1: Key Vocabulary	
Tier 3 vocabulary	Definition
Take-off foot	For all of your jumps, you will need to first work out which foot you prefer to jump off of - then you need to stick with this foot.
Take-off board	Try to get your foot on the board to take off in long jump.
Scissor jump	The basic technique in high jump is the scissor kick.
Landing position	For each jump, you will need to know the landing position to ensure you land safely and get the best distance.
Triple jump	The triple jump is made up of the hop, step and jump.
Arm action	Using the arms correctly helps your balance and can help you jump more successfully.

Section 2: New Knowledge/Skills

In our lessons on jumping we will learn the basic approach and action for the long, high and triple jumps.

You will need to establish your favoured take-off foot and then try to ensure you always use the same foot to jump from.

You will learn what to do with your arms to give you extra height and distance.



Can you give one rule for each of the jumping events?

What is the other jumping event, the one we do not learn in school?

PE: Field (Throwing)

Section 1: Key Vocabulary	
Tier 3 vocabulary	Definition
Weapon	All of the implements have their origins in war - can you remember the origins of each?
Safety	Given that the implements have evolved from weapons, we have some very important safety rules: Carrying – Using - Storing
Grip	In each event you will need to hold the implement with the correct grip.
Stance	The start position you will need you before you begin the action.
Action	The movements that are needed for an effective throw, moving you from a starting position to a finish position
Standing throw	You will be learning the techniques for standing throws, in other words: no run-up/approach.

Section 2: New Knowledge/Skills

In throwing events, you will learn javelin, shot put and discus.

Know - Show - Go

Know - the first part of your development is to be able to explain what you need to do.

Then...

Show - be able demonstrate the various key parts of the event, for example the start and finish positions or the grip. And finally...

Go! Now you should be able to put the parts together for a good throwing action.



Safety - can you remember 5 safety rules for participating in a throwing lesson?

Question: What is the other throwing event, the one we do not learn at school?

PE: Running

New Knowledge/Skills

Running is an important part of our PE programme for 2 main reasons:

Running is essential to being able to play all other sports, and

Running is the most popular way across the world that people use to keep fit.

Can you list some of the reasons why running is the most popular keep fit activity

In our Year 7 running lessons, we will develop our ability to run at a **steady pace** for a long period of time. We will set a **target time** and understand what a **personal best** is.

PE: Health & Fitness

New Knowledge/Skills

Throughout PE lessons in Year 7, we will consider the main aims of a warm-up:

- 1. To reduce the chance of injury
- 2. To improve performance

You will develop a range of exercises to raise your pulse and prepare your body before exercise and you will learn the names of the major muscles in the body.

Can you name 5 of the major muscles in the body?

Can you demonstrate 10 exercises you can use in a warm-up?

PE: Leadership

New Knowledge/Skills

Leadership is an essential part of all sports and fitness activities.

You will develop your own leadership skills in lessons by helping others to warm-up, by helping others to improve their skills and by officiating some games.

Key question: Why are leaders important in sport?

Art: Printing



Definition
A 11 . C II 11
An object of cultural interest
Ornamental textile design
Rotation or reflection of shape along an axis.
A type of printing using a raised or incised surface to make an impression.
An empire from India's history
Religious dress
Name of Iran formerly used by western countries
An element or part of a pattern
Not directly representing reality
Definition
Investigation into background knowledge
A polystyrene printing sheet
An impression of an image
A tool for transferring ink
A material to print with
Add colour to paper
Add colour using watered down media

Section 2: Cultural Knowledge

Indian textile designs often feature motifs from nature. Babur (reigned 1526-30), the first Mughal of India, ordered the creation of vast gardens, and subsequent rulers followed suit. This love of nature found its way into Indian textile designs.

For centuries, India has been home to people of many different religions. Textiles have been used as offerings as well as religious vestments.

The Paisley pattern is often found in Indian textile designs and is said to originate in Persia (Iran). There are many theories on its development.

The Paisley pattern seems to have been developed from floral motifs (motifs which include flowers, stems and leaves), gradually becoming more abstract over time.



Follow this link or use the QR code to view a short Presentation about Indian Patterns.

bit.ly/ajindpat



Section 3: Block printing



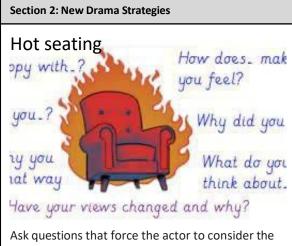
Hand block printing involves carving a desired pattern or design into a wooden block, covering this block with ink or dye and then pressing it on fabric. Blocks can be carved from stone, but for better results they are more commonly made from wood.

Print blocks are often used repeatedly to create seamless designs, as seen in the example above.

Drama: Home From Home



Section 1: Key Voca	Section 1: Key Vocabulary			
Tier 3 vocabulary	Definition			
Teacher in Role	Working with your teacher pretending to be somebody else, or taking on a role. Thinking, acting and even feeling differently to your ordinary self can help you empathise with that person and better understand an issue or theme.			
Naturalistic Still Image	A frozen image created to help capture a key moment or emotion.			
Monologue	In theatre, a monologue is a speech presented by a single character, most often to express their thoughts aloud.			
Vocal Projection	Voice projection is the technique of controlling the volume, pitch, and distance that your voice travels.			
Hot seating	This is an exercise to deepen understanding of character. Hotseating helps an actor become more familiar with their role.			
Section 1: Key Voca	abulary			
Tier 2 vocabulary	Definition			
Reflection	To think carefully and deeply about a subject.			
Plot Twist	In literature, film, television, and even video games, a <u>plot</u> twist is an unsuspected occurrence or turn of events in the <u>story</u> that completely changes the direction or outcome of the plot from the direction it was likely to go.			
Refugee	a person who has been forced to leave their country in order to escape war, persecution, or natural disaster.			



life of their character in depth and beyond the world of the play. You could ask them about home life, childhood, family relationships, hopes, fears, hobbies and how they feel about other characters.

Thought Tracking



A thought-track is when a character steps out of a scene to address the. audience about how they're feeling. Sharing thoughts in this way. provides deeper insight into the character for an audience.

Section 3

An extract from a poem

no one leaves home unless

Home

By Warsan Shire (British-Somali Poet)

home is the mouth of a shark you only run for the border when you see the whole city running as well your neighbors running faster than you breath bloody in their throats the boy you went to school with who kissed you dizzy behind the old tin factory is holding a gun bigger than his body you only leave home when home won't let you stay. no one leaves home unless home chases you fire under feet hot blood in your belly

it's not something you ever thought of doing until the blade burnt threats into

vour neck

and even then you carried the anthem under your breath

only tearing up your passport in an airport toilets sobbing as each mouthful of paper made it clear that you wouldn't be going back. you have to understand, that no one puts their children in a boat unless the water is safer than the land no one burns their palms under trains

beneath carriages

no one spends days and nights in the stomach of a truck feeding on newspaper unless the miles travelled means something more than journey.

Year 7 Summer 1 Music: Introducing Composition - Derbyshire Folk Song



Section 1: Key Vocabulary			
Tier 3 vocabulary	Definition		
Chord	Multiple notes played simultaneously.		
Verse	The section of the songs that tells the story. In each verse the melody will remain the same, whilst the words change.		
Chorus	The repeated part of a song that delivers the main message.		
Harmony	The chords used within a song.		
Triad	A chord of three notes.		
Cut it Out	A lyric writing technique that involves taking existing text and rearranging into new material.		
Lotus Diagram	A structured mind mapping tool.		

Tier 2 vocabulary	Definition
Accompaniment	Music that accompanies/ plays alongside the melody.
Lyrics	The words of a song.
Oral Tradition	Word of Mouth.

Section 2: New Knowledge/Skills

Folk Music is **traditional** music of the people used to tell stories of people, places and events.

Folk Music is traditionally passed on orally (through speech or song) from one generation to the next – the **oral tradition** (passed down by word of mouth), and many Folk Songs were not originally written down.

Folk music tells a story, stories about everyday life, the seasons, battles and wars, shepherd's songs, sea shanties and lullables.

Song Writing

Songs will often be in **verse and chorus** structure. The verses will tell the story, whilst the repeated chorus delivers the main message.

Cut it out technique

This song writing technique involves taking existing writings (poetry, stories, newspaper articles etc) and 'cutting' out words and phrases that are then used in a new way to tell a new story.

Lotus Diagram

This song writing technique involves taking a starting topic/theme and creating a bank of words associated with it. These are then used to tell a new story.

Accompaniment

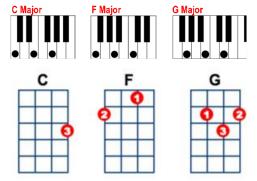
Folk songs will either be unaccompanied (a cappella) or have minimal harmonic/chordal accompaniment.

Section 3

Many folk songs use quite simple harmony; the **primary chords.** These are **CHORDS I, IV and V** in a sequence. We use roman numerals to label chords so I, IV and V is 1, 4 and 5

Starting on C these chords are





We can play these chords as full chords – where we play all the notes at the same time or as **broken chords**.

Broken chords are where we split the notes up one at a time

Listen to folk songs here

Links to prior learning: How to Build A Song, I've Got Rhythm

D&T:Food:Booklet 2



Section 1: Key Vocabulary			
Tier 3 vocabulary	Definition		
Dietary Fibre	Found in fruits, vegetables and wholemeal products it helps prevent constipation and reduces the risk of heart disease		
Carbohydrate	Found in pasta, rice and potatoes - it gives us energy		
Protein	Found in beans, nuts, lentils, meat, fish ,eggs & dairy products - it helps us grow		
Vitamins	Help to prevent illness		
Minerals	E.g. Calcium / Iron - help maintain body processes		
Energy balance	Balancing the amount of energy being put into the body through food, and the amount of energy used for activity.		
Traffic light labelling	Colour coded food labels comparing fats, sugar & salt to an adult's average requirements. (Red- eat less, ambernot too many, Green- good to go!)		
Perishable	Perishable foods are those which need to be kept in the fridge. They are often foods which have a higher risk of giving us food poisoning if they aren't stored or prepared correctly		
Tier 2 vocabulary	Definition		
Fats	Needed for energy found in margarine, butter, oil.		
Vegetarian	A vegetarian doesn't eat meat or fish, but does eat eggs / cheese / milk		
Preservation	Making something last longer (extending its shelf life).		
Modifying	Changing / altering		
Descending order	Most to least e.g. ingredients on a food label		

Section 2: New Knowledge/Skills

5-a-day

Eat at least 5 portions of a variety of fruit and vegetables every day. An adult portion is 80g but children need smaller portion sizes. 1 portion is roughly the amount you can fit in the palm of your hand.

Eat as many of the different categories below as possible because they all contain different combinations of fibre, vitamins, minerals and other nutrients.

Find out more: www.nhs.uk/live-well/eat-well/why-5-a-day



By choosing to eat the wrong balance of foods we increase our risk of some of the following health issues:

- Heart disease
- Stroke
- Diabetes Type 2
- **Tooth Decay**
- Cance

Section 3:

Preservation

Food can be preserved in different ways. This means that it will keep for longer without spoiling or causing food poisoning. Preservation methods include

- Freezing
- Drying
- Pickling
- **Jamming**
- Canning

Preservation extends a product's shelf life.

Use by dates should always be followed as they are found on perishable foods which can cause food poisoning.

Best before dates are just a recommendation that the food will be at its best quality up to this date, but it can still be eaten for some time afterwards and is safe to do so.

Homework 1

Revision for Assessed task. Read the information on both of the Y7 Food Tech Knowledge Organisers to help remind you of the Eatwell guide, nutrients and healthy eating ready for your assessment.

Homework 2

Sugar coated cornflakes

30g contains Energy 488kJ < 0.5q< 0.1q13q 114kcal 6%

of an adult's Reference Intake. Typical values per 100g: Energy 1626kJ/381kcal

Each fillet (240g) contains

Battered fried cod Energy 2474k1 37g 593kcal 29%

of an adult's Reference Intake. Typical values per 100g: Energy 1031kJ/247kcal

Analyse the traffic light labels provided above. Explain how you would modify the recipes, or what you would swap them to to make them more healthy.

Give two examples of breakfast dishes which would provide a balanced nutritious start to the day instead of sugar coated cereal.

D&T Textiles: Bags of Style



Section 1: Key Voo	Section 1: Key Vocabulary			
Tier 3 vocabulary	Definition			
Block Print	A method of printing textiles by stamping ink-dipped blocks—usually made from wood or linoleum—onto fabric			
Applique	Means applying (sewing or bonding) one piece of fabric to another – usually shapes or designs on top of a fabric background			
Bondaweb	Is a soft adhesive mesh with a transfer paper backing. Makes bonding (or sticking) two fabrics together quick & easy.			
Calico	Calico fabric is a plain-woven textile, made from half-processed and unbleached cotton fibres.			
Woven	A Woven fabric is any textile formed by weaving. Woven fabrics are often created on a loom			
Loom	A loom is a machine or device for weaving thread or yarn into textiles. Looms can range in size from very small hand-held frames, to large free-standing looms			
Warp	The warp is the set of yarns that run lengthwise (up & down) on a loom			
Weft	Weft threads are the horizontal threads that are interlaced (in & out) through the warp			
Tier 2 vocabulary	Definition			
Template	A paper or cardboard shape which can be traced onto fabric prior to cutting out. Templates are used when making garments in the fashion industry			

Section 2: Skills

To use the bondaweb:

Applique

You will use applique to decorate the front of your bag. Applique describes adding layers of fabric shapes to make a picture or design.

We can use Bondaweb to stick the layers down before we sew them. Bondaweb is a glue that is activated by the heat from the iron to melt it and adhere the layers together.

- 1. Firstly cut the shape you want to make from it.
- 2. Next iron the shape onto the REVERSE of the fabric.
- 3. Cut out the fabric shape using the outside of the Bondaweb as a guide.
- 4. Peel the paper from the back of the bondaweb
- Place the bondaweb/fabric shape onto your bag where you want it to go, bondaweb side down.
- 6. Place a paper towel over the top of your work
- 7. Iron in place for 10 swirls
- Check if it has glued in place. If not repeat step 7 again until it is stuck down.

Block Printing

Block printing is a method of decorating fabric that has been used for many hundreds of years. Traditionally the blocks would be made from carved wood



Manufacturing Steps

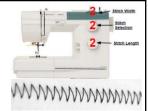
- Mark out the seam allowances on the calico fabric.
- Use bondaweb to applique the design to the front of the bag.
- 3. Sew around the applique design.
- 4. Make the block print
- Use the block print to make a repeat pattern on the back of the bag
- Iron the fabric paint when it is dry to fix it into the fabric
- 7. Fold the bag together INSIDE OUT
- 8. Sew along the seam allowance lines down each side, in straight stitch and zig zag.
- 9. Fold the top of the bag over twice and sew in place.
- 10. Make the straps
- Sew the straps to the top of the bag

Section 3: Knowledge

Zig Zag

A zig zag stitch is often used for Decoration around the outside of an appliqued piece of fabric.

It is also useful to neaten the edges of a woven fabric and stop it from fraying.



Fabric Crayons

Fabric crayons are an easy way to add more detail to a fabric design.

They work in the same way as normal wax crayons, you draw straight onto the fabric. There is an extra step though to fix the crayons into the fabric you need to iron it. The heat from the iron fixes the crayons into the fibres of the fabric so that you can wash it etc.

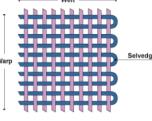
You need to remember to cover your crayon design with a paper towel so that the excess wax can be absorbed.

Weaving

The cotton calico fabric you are using for your bag is woven on a loom.

This diagram shows you the key parts of the fabric.

It is easy to remember that the WEFT goes from LEFT to right if you think of WEFT=LEFT



Homework Tasks

Task One: Copy the diagram of the WEAVING, label the Warp and Weft. Challenge: can you research the BIAS and mark onto your diagram where that would be?

Task Two: The settings for a basic zig zag stitch are shown above. Can you predict what would happen the stitch if you adjusted the dials?

- Draw what you think the shape of the zig zag would be if I changed the Width to 5
- 2. Draw what you think the shape of the zig zag would be if I changed the width to zero.

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D&T Product Design : Coat Hook/Door Hanger



Section 1: Key Vocabulary			
Tier 3 vocabulary	Definition		
Aluminium	Non ferrous metal, can be polished to a mirror finish, mailable and ductile, can be cut with a hack saw and filed.		
Cold forming	Bending, shaping and forming metal when it is cold		
Rasp	Similar to a file, however it has rougher more course teeth, used to removed waste and shape wood		
Rivet	Short metal pin which can be used to fix and secure two pieces of metal together		
Jig	Tool used to bend and form metal into a new shape		
Bandsaw	Machine used to cut wood to length, or cut into a new shape, ideal when rough cutting larger sections of wood		
Countersink	Special V shaped drill used to cut a V shaped recess into wood or metal which can then have a countersunk rivet or screw fitted leaving a flat surface		
Fretsaw	Mechanical saw which can be used to quickly and accurately cut and shape thin sections of wood, uses a similar blade to a coping saw		
Pine	Coniferous softwood, fast growing, found in temperate climates, easy to shape and cut, can be finished well, it can be surfaces damaged easily and contain knots		
Pin Hammer	Small light hammer ideal for use on panel pins and cold forming rivets		

WAGOLL

The Coat Hanger and Door sign will be finished to a high standard, function as intended, and match the designs.



Section 2: New Knowledge/Skills

Shaping Metal and wood

Be able to use the following tools to shape wood Fret saw/disc sander/rasp/file/glasspaper













Be able to use the following tools to shape metal Hack saw/file/emery cloth/wet and dry/buffing machine









Drilling and fixing metal and wood

Be able to use the a Pillar Drill and Electric hand drill



Understadn the function of the a twist Bit and countersink drill bit





Be able to fix different materials together using wood screws and rivets





Appling surface finishes

Be able to apply a range of suface finishes to wood including, acrylic paint, paint pens, and wood dye







Using CAD/CAM

Be able to use Computer Aided Design software to create a design for a door hanger using the drawing tools in the program and contouring images from the internet. The designs must be suitable for a laser cutting

Is a machine that cuts out designs drawn using CAD. They can make really accurate and fine cuts through paper, card, plastic and sheet

Cutting - The laser beam burns away material to get the desired shape. Engraving -Is the practice of using lasers to draw onto an object. Rasterize - Raster engraving is where the material is removed from the

materials.





Section 3: Knowledge

Metals.

Metals come in 3 different categories:

Ferrous Metals:

These metals contain Iron because of this almost all of them are magnetic.

Non-Ferrous Metals:

These metals do not contain Iron, so do not rust, useful if they are exposed to moisture.

Are formed when one or more elements are combined with

Types of Metals:

Identify a range of different common metals, and their physical and working properties

Iron

Aluminium

Brass

Steel Copper Stainless Steel

Cold forming with Jigs

Hole punching jig used to remove a circle of metal from flat metal bar



Scrolling jig used to bend flat metal bar into a curved (scrolled) shape



Angle jig used to bend flat metal bar into a cornered angle



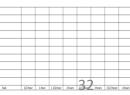
Product evaluation

Evaluate a product based on its form and Function, including forming a personal opinion about the product



Gantt Chart Planning

Use a Gantt chart to plan The manufacture of the Coat hook in a suitable Order and time scale



PSHE: British Values



Section 1: Key Vocabulary		
Tier 2 vocabulary	Definition	
Identity	Our sense of who we are as individuals and as members of social groups	
Stereotype	A widely held but fixed and oversimplified image or idea of a particular type of person or thing	
Selfless	Concerned more with the needs and wishes of others than with one's own	
Judgement	The ability to make considered decisions or come to sensible conclusions	
Equality	The state of being equal, especially in status, rights, or opportunities	
Cultures	The ideas, customs, and social behaviour of a particular people or society	
Ethnicity	A term that refers to the social and cultural characteristics, backgrounds, or experiences shared by a group of people	
Nurture	Upbringing, education, and environment, contrasted with inborn characteristics as an influence on or determinant of personality.	

Tier 3 vocabulary	Definition
Multicultural	Relating to or containing several cultural or ethnic groups within a society.
British Values	Democracy, rule of law, individual liberty, and mutual respect, for responsible citizenship in a diverse society.
Discrimination	The unjust or prejudicial treatment of different categories of people.
Prejudice	Preconceived opinion that is not based on reason or actual experience
Democracy	a system of government by the whole population or all the eligible members of a state, typically through elected representatives.

Section 2: Key Themes:

Identity: The different aspects that make up identity and what makes us, us, nature VS nurture and how feel proud of your identity.

British values - the basics: The core fundamentals of British Values, how the British values contribute to law, culture and society, how the Be Belper values take influence ad structure from the British Values.

Multicultural Britain & kindness: Understanding how Britian is diverse, explore facts and figures around immigration, the concept of 'Britishness' and how kindness plays a roll in our British society.

Stereotypes, prejudice and discrimination: To understand the terms stereotype and prejudice, to learn how to challenge stereotypes and the positive and negative impact that stereotypes can have.

Democracy in action: To understand what is meant by democracy and give real life examples, learn how different democratic systems work and the importance of democracy in a modern, fair and just society.

Section 3: Key concepts:

stereotype

ioun

An oversimplified and overgeneralised opinion/idea about a certain group of people or things.

Example: It always rains in the UK

BRITISH VALUES



COMMUNITY DIVERSITY

COMPASSION NEEDS OF COMPA



33

Monday	Tuesday	Wednesday	Thursday	Friday
	Lui	nchtime Clubs: 12.20 –	1.00	
Football Year 7 With James 3G	Duolingo Club All Years With Sarah Knappett Languages Block	Technical Theatre Club All Years (max 10 students) With Sarah Holme A7	Digital Skills Drop In Yr10-13 With Jody A2 Football	Chess All Years With Carlos M2 Football
Table Tennis Year 10/11 With Tom GYM	Badminton (week 1) Year 8/9 With Tom Sports Hall	Football Year 11/12/13 With Matt and Tom 3G	All Years Girls With Leanne Sports Hall/3G	Year 8 With Tom 3G
Book Group Year 9 With Sarah Phillips Library Art Club All Years With Lucy A4 Wargaming Hobby Painting Club All years With Richard A3	Football Year 9/10 With James/Matt 3G Ultimate Frisbee (week 2) Year 7/8/9 With James Sports Hall	Belper Band All Years Woodwind, Brass and Strings With Anna MU1 Handball Year 8/9 With Tom Sports Hall	Music Club All Years With Phil MU2 Knitting and Crochet Club All Years With Emma T5 Scalextric Racing/ Model Railways All Years (Max 15 students) With Phill T1 Foreign Language Spelling/ Translation Bee practice Years 7, 8, 9 With Sarah Knappett Languages Block Belper Choir	Games Club Years 7, 8 With Emma Library 12.20 – 1.00 Multisports Club Year 7 (Yr10 Sports Leaders) With Rebecca and Matt Sports Hall & Gym

Monday	Tuesday	Wednesday	Thursday	Friday
		After School Clubs		•
Gardening All Years With Marc and Tony Rosie's Garden 3.05 – 4.00 More Than Robots	Netball Years 7/8 With Rebecca Sports Hall 3.05 – 4.00	Litter Picking All Years With Marc P2 3.05 – 4.00 Scalextric Racing/ Model		Friday Night Sports Club Year 10/11/12/13/staff With Matt, Leanne, Tom & James 3G/Sports Hall
Years 8, 9, 10, 11 With Sarah Speight T1 3.05 – 4.00		Railways All Years (Max 15 students) With Phill T1 3.05 – 4.00		
Music Producers Club Years 9, 10, 11 With Phil MU2/Recording Studio 3.05 – 4.00		Circuit Training Year 7/8/9 With James Gym 3.05 - 4.00		
Football Year 8 With Tom Field 3.05 – 4.00		'Your Time' Leadership Year 9 Girls with Rebecca and Matt Sports Hall 3.05-4.00 (week 1)		
Sports Leadership Events Year 9/10/12 with Rebecca, Matt & AVSSP 3.05-4.00		A level PE Revision Year 13 with Rebecca/Tom/Matt 3.05-4.00		
		Sports Studies/GCSE Sports Club Year 10/11 With Tom 3.05-4.00 (week 2)		

