



Huish Episcopi Academy

The best in everyone™

Perseverant Learning

Knowledge Organisers

Year 8

Summer Term A

Name:

Tutor Group:

Respect

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Ambition

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Resilience

Huish Episcopi Academy Year 8 English Knowledge Organiser Social Justice

Key Vocabulary	
1	Activist A person who believes strongly in a political or social cause and who takes part in activities to effect change.
2	Advocate To support or speak in favour of somebody or something.
3	Equality The fact of being equal in rights, status, advantages, etc.
4	Ideological Based on or relating to a particular set of ideas or beliefs.
5	Indoctrination The process of repeating an idea or belief to someone until they accept it without criticism or question.
6	Injustice An event or situation which is fundamentally unfair.
7	Intolerance Unwillingness to accept views, beliefs, or behaviour that differ from one's own.
8	Moral integrity Having the courage to do what we believe in our hearts to be right.
9	Plight An unpleasant situation, especially a dangerous, difficult, or sad one.
10	Representation The fact of including different types of people, for example in literature, films, politics, or sport, so that all different groups are represented.

Key Terminology	
11	Autobiography The account of a person's life written by that person.
12	Anecdote A short, amusing or interesting story about a real incident or person.
13	Emotive language Word choice which is used to evoke emotion in the reader.
14	Extended metaphor A metaphor that is developed throughout a poem.
15	Enjambment The lack of punctuation at the end of a line of poetry so the sentence runs onto the next line.
16	Refrain A recurring phrase or set of lines.
17	Rhyme Scheme The pattern of a poem's rhyme, often identified using letters e.g. ABABCC

Context – Key Writers	
18	Jackie Kay She was born in Edinburgh to a Scottish mother and a Nigerian father before being brought up by white adoptive parents in Glasgow. Kay's poetry often explores themes of identity, injustice, race, and sexuality.
19	Maya Angelou She was a civil rights activist, writer, poet, actor, singer, songwriter, dancer, playwright, historian, and teacher. She wrote at least 15 novels and 167 poems, including I Know Why the Caged Bird Sings, which was the first nonfiction best-selling book by an African-American woman. Her several volumes of autobiography explore the themes of economic, racial, and sexual oppression.
20	Malala Yousafzai She was born in Pakistan in 1997. She is a Nobel Peace Prize winning writer and activist. In 2009, she wrote a blog under a pseudonym about living under Taliban rule.

Huish Episcopi Academy Year 8 SCIENCE Knowledge Organiser Ecological Relationships

Ecological relationships		Ecological relationships	
1	Bioaccumulation	16	Natural selection
2	Biodiversity	17	Predator
3	Carnivore	18	Prey
4	Classification	19	Producer
5	Competition	20	Species
6	Consumer	21	Trophic level
7	Decay		
8	Detritivores		
9	Habitat		
10	Herbivore		
11	Endangered		
12	Evolution		
13	Extinct		
14	Genetic variation		
15	Microbes		

The build-up of toxic chemicals e.g. DDT through a food chain

The variety of species living in an ecosystem

An animal that eats meat

The sorting out of living organisms into smaller and smaller groups based on similar characteristics

The struggle between two species for the same limited resource

An animal that eats plants or other animals

The breakdown of dead plant or animal material and the release of nutrients back into the environment

Animals like worms, woodlice and maggots etc that begin the decay process

The area in which an animal or plant lives

An animal that only eats plants

Species that are in danger of becoming extinct

The change in a species over a long period of time

When there are no more individuals of a species left

Difference between organisms due to difference in their genetic make up

Animals such as bacteria and fungi that cause decay

Where an organism is more likely to survive, breed and pass on its genes to its offspring because it is better adapted for competing in the environment it is in

An animal that hunts and eats other animals

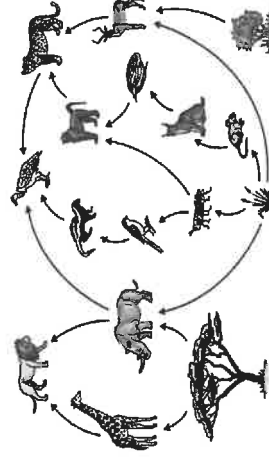
An animal that is eaten by a predator

A plant that uses the sun and nutrients in the soil to make its own **food**

Single type of organisms that can breed with each other to produce fertile offspring

The different levels in a food chain: producer, primary consumer, secondary consumer and tertiary consumer

When all the food chains in an ecosystem are joined up together, they form a **food web**.



Food webs are just several food chains joined together. Some of the food chains in this food web are:

Tree → giraffe → lion

Tree → rhino → lion

Grass → grass hopper → small bird → racoon → eagle

Huish Episcopi Academy Year 8 RE Knowledge Organiser

Knowledge Organiser Hindu Dharma				
1	Indus Valley	An area in modern day Pakistan and Northwest India.	11	Avatar The incarnation or earthly manifestation of a deity.
2	Sanatana dharma	Eternal teaching.	12	Bhagavad-Gita 'Song of the Lord'; regarded as the crowning achievement of Hindu sacred literature.
3	Veda	Any of the four collections forming the earliest body of Indian scripture.	13	Bhakti Devotional service to a personal god.
4	The Caste System	A method of dividing up society into a hierarchy according to professions and trades.	14	Brahman (God) The spiritual oneness of all reality.
5	Brahman (people)	A member of the highest Hindu caste, originally that of the priesthood.	15	Guru A spiritual teacher
6	Kshatriyas	The second highest of the Hindu caste; warriors and rulers.	16	Krishna Incarnation of the Hindu god Vishnu, who appears as a main character in the Bhagava-Gita
7	Vaishyas	Third highest of the Hindu caste; farmers, traders and merchants.	17	Maya False or illusory reality.
8	Shudras	Fourth highest of the Hindu caste, known as labourers.	18	Meditation Focused, disciplined concentration intended to help people experience the sacred.
9	Dalits	The lowest in the Hindu caste; street/toilet cleaners.	19	Vishnu Hindu god of preservation and love.
10	Atman	Eternal soul	20	Shiva Hindu god of destruction and rejuvenation.

Huish Episcopi Academy Year 8 History Knowledge Organiser – Rule Britannia

Key Terms	
1	Empire
2	Colony
3	Imperialism
4	Indigenous
5	Transatlantic
6	Native American
7	Algonquin
8	Transportation
9	Servitude
10	Plantation
11	Missionary
12	Emigrate
13	Origin
14	Purpose
15	Nature

Key Terms	
16	Middle Passage
17	Subjugate
18	Convict
19	Nationalism
20	Abolitionist
21	Interpretation
22	The Enlightenment
23	Emancipated
Key Individuals	
24	William Wilberforce
25	Adam Smith
26	Edward Colston
27	Olaudah Equiano
28	Thomas Clarkson
29	Hannah More
30	Nanny the Maroon



Huish Episcopi Academy Year 8 Geography Knowledge Organiser Unit 4 Topic East Africa

1		
1	Relief	The shape of the land surface and it's height above sea level.
2	Megacity	A very large city with a population of over 10 million people

2		
1	Population density	the number of people who live within 1 km ² .
2	Population distribution	how many people are spread out over an area

3		
1	Deposition	When a river loses energy so drops it's load
2	Load	The material which the river is transporting.
3	Delta	Formed where layers of sediment are deposited at river mouths.
4	Distributaries	A smaller river channel created where a river splits, often to form a delta.

4		
1	Irrigation	Addition of water to farmland by artificial means
2	Agriculture	Farming

5		
1	Hydro-electric power	The use of fast flowing water to turn turbines which produce electricity.
2	Conflict	When people disagree over an issue which can lead to war

6		
1	Constructive margin	Where tectonic plates move apart and new land is created.
2	Rift valley	Steep-sided valley formed by the sinking of land between two faults or cracks caused by plate movements.

7		
1	Precipitation	Any form of water falling from the sky.
2	Climate	The average weather conditions over longer periods of time

8		
1	Trade	The exchange of goods and materials between countries
2	Imports	Goods brought into a country.
3	Exports	Sending goods to another country for sale
4	Trade deficit	Cost of imports is greater than the money obtained from exports
5	Trade surplus	Money from exports is more than the money made from imports

Huish Episcopi Academy Year 8 Knowledge Organiser Term 6 En el colegio

UNIT 1 ¿Qué cambios harías en tu colegio? What changes would you make in your school?		
1	Haría	I would make
2	Tendría	I would have
3	Pondría	I would put
4	Habría	There would be
5	Sería	It would be
6	Más. que	More...than...
7	Menos...que..	Less...than..

UNIT 2 En el recreo –at breaktime		
1	Meriendo	I have (as a snack)
2	Descanso un rato	I rest for a while
3	Charlo con mis amigos	I chat to my friends
4	Voy a la cantina	I go to the canteen
5	Juego al fútbol	I play football
6	Hago deporte	I do sport
7	Como un bocadillo	I eat a sandwich

UNIT 3. Mis Clubs Extraescolares... My after- school activities		
1	Soy miembro del club de	I am a member of the ...club
2	Juego en el equipo de...	I play in the ...team
3	El club de ajedrez	The chess club
4	El club de lectura	The reading club
5	El club de informática	The IT club
6	El club de arte dramático	The drama club
7	El club de fotografía	The photography club
8	El club de juegos de mesa	The board games club
9	Voy al club todos los días	I go to the club every day
10	Dos veces a la semana	Twice a week
11	Cuando puedo	Whenever I can
12	Después del colegio	After school
13	Por la tarde	In the afternoon
14	Cuando terminan las clases	When lessons are over
15	Dedico mi tiempo libre practicando..	I spend my free time practising...

Huish Episcopi Academy Year 8 Knowledge Organiser Term 6. El Colegio

UNIT 1 ¿Qué hiciste en el insti ayer? What did you do in school yesterday?		
1	Jugué al baloncesto	I played basketball
2	Charlé con mis amigos	I chatted to my friends
3	Estudí mucho	I studied a lot
4	Trabajé duro	I worked hard
5	Fui al insti en autobús	I went to school by bus
6	Comí en al cantina	I ate in the canteen
7	Volví a casa	I returned home

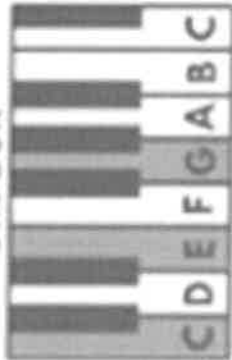
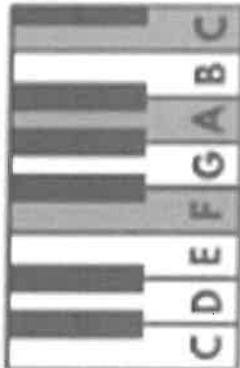
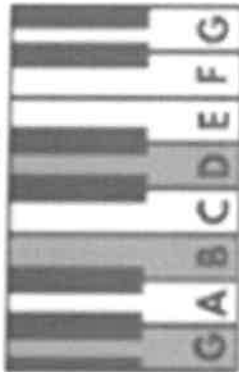
UNIT 2 Afternoon/ Evening Routine		
1	Hice mis deberes	I did my homework
2	Cené con mi familia	I had supper with my family
3	Vi la televisión	I watched tv
4	Jugué a los videojuegos	I played videogames
5	Chateé en línea	I chatted on line
6	mis redes sociales	My social media
7	Salí un rato	I went out for a while

UNIT 3. Me gustaría.....I would like....		
1	Me gustaría cambiar	I would like to change
2	Me gustaría poder...	I would like to be able to...
3	Quiero ser más...	I want to be more
4	Quisiera hacer más ejercicio	I would like to do more exercise
5	Me gustaría comer más fruta y verduras	I would like to eat mor fruit and veg.
6	Mi trabajo ideal sería	My ideal job would be...
7	Me gustaría ser ingeniero	I would like to be an engineer
8	Voy a ser profesor	I am going to be a teacher
9	Me interesa (n)	I am interested in...
10	Tengo muchos planes	I have lots of plans
11	Quiero viajar	I want to travel
12	Quiero casarme	I want to get married
13	Me gustaría encontrar un trabajo bueno	I would like to find a good job
14	Me gustaría ganar mucho dinero	I would like to earn lots of money

Huish Episcopi Academy Year 8 Music Knowledge Organiser Unit 3 Creative Musician

Section 1: Keywords		
1	12 Bar Blues	A blues chord sequence which is 12 bars in length
2	Blues Scale	A scale of notes used in blues and jazz for improvisations. The notes are C, Eb, F, F#, G, Bb, C
3	Chord	Two or more notes played at the same time
4	Primary Chords	Chords I, IV, and V
5	Seventh Chords	Uses four notes. The triad plus an added note which is seven notes above the root (often flattened). E.g. C7 = C, E, G, Bb
6	Chord Vamp	A way of performing chords as an accompaniment
7	Ostinato / Riff	A repeated pattern
8	Frontline Instruments	Solo instruments in a jazz band that would play the melody lines. Trumpets, Trombones, Clarinets and Saxophones
9	Rhythm Section	Accompaniment instruments in a jazz band that would play the rhythm and accompaniment. Piano, Guitar, Bass, Drum kit
10	Head	The main melody of a jazz song played at the beginning
11	Improvisation	Music made up on the spot
12	Swing / Swung Rhythms	First quaver in a pair is played longer than the second quaver
13	Blues Song Structure	Lyrics are written in three lines using an AAB structure
14	Blues Song Lyrics	Often deeply personal and on subject and themes such as slavery and eventual freedom, drugs, unemployment, poverty or unhappiness

Section 2: 12 Bar Blues		
1	12 Bar Blues Chord Pattern (Roman numerals)	12 Bar Blues chord pattern in the key of C
	1 I 2 I 3 I 4 I 5 IV 6 IV 7 I 8 I 9 V 10 IV 11 I 12 I or V	1 C 2 C 3 C 4 C 5 F 6 F 7 C 8 C 9 G 10 F 11 C 12 G

Section 3: Primary Chords in C major			
1	C MAJOR 	F MAJOR 	G MAJOR 

Year 8 Drama UNIT 3: 'Let Him Have it'

Section A

1	Role Play	Acting out a situation as a character to explore ideas, emotions, or behaviors.
2	Verbatim	Using the exact words from a real conversation or source
3	Subtext	The hidden or unspoken meaning behind a character's words or actions
4	Still Image	A frozen moment or pose created by actors to represent a scene, idea, or emotion
5	Status	The social position or power a character has in relation to others
6	Thought Track	When a character speaks their inner thoughts aloud,
7	Hot Seating	A technique where an actor answers questions in character
8	Flashback	A scene that takes the audience back to an earlier time in the story
9	Cross Cutting	A technique where the action switches between two or more scenes happening at the same time
10	Physical Theatre	A form of theatre where storytelling is done primarily through movement

Section B

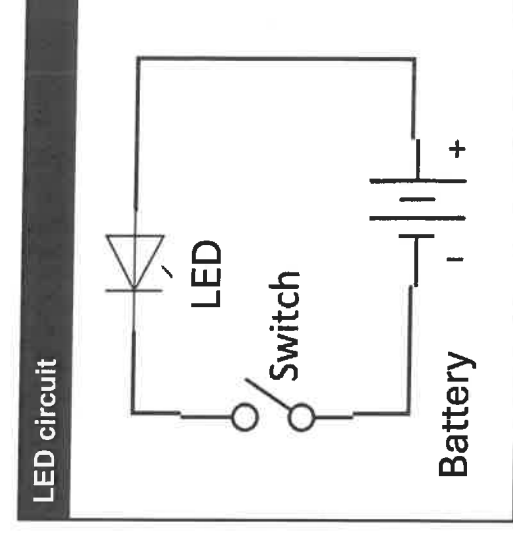
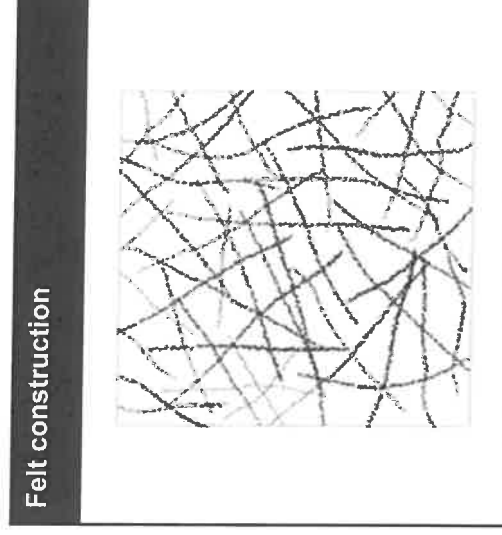
1	Projection	How loud or quiet your voice is
2	Pitch	How high or low your voice is
3	Pace	The speed at which an actor delivers their lines or performs their actions
4	Emphasis	The stress or importance placed on certain words or phrases in dialogue
5	Tone	The emotion shown in your voice
6	Gesture	Movements of the hands, arms, or body that express ideas or emotions
7	Eye Contact	Looking directly into another character's eyes, or avoiding this
8	Facial Expression	Movements of the facial muscles to convey emotions and reactions
9	Posture	The way an actor holds and positions their body
10	Body Language	The non-verbal communication conveyed through an actor's movements

Huish Episcopi Academy Year 8 Textiles Knowledge Organiser Project 2 LED keyrings

1. Context	
1	Key ring A metal ring, with a tab or decorative object attached.
2	LED Light Emitting Diode - an electronic device that gives off light when it receives an electrical current.
3	Cultural The ideas, customs, and social behaviour of a society.
4	Day of the Dead The Day of the Dead , a festival which is celebrated in Mexico , where friends and family remember loved ones that have passed away.
5	Template A piece of paper used as a template for cutting out a shape.
6	E textiles Electronic textiles , are products created with conductive threads enabling digital components such as batteries and lights to be embedded in them.



2. Techniques and materials	
1	Applique When pieces of fabric are sewn or stuck on to a larger piece to form a picture or pattern
2	Felt Felt is a material that is produced by matting and pressing fibres together.
3	Modern material Modern materials are developed through the invention of new or improved processes. E.g. conductive thread
4	Embroidery Embroidery is decorating fabric using a needle to apply thread.



1. Gelatinisation

1	Gelatinisation	The swelling of starch granules when they are cooked with a liquid to the point where they burst and release starch molecules.
2	Smart Starches	Pre-gelatinised starches can be found in products such as gravy, custard powder or instant noodles.
3	Smart Starches	When boiling water is added, the starch activates and thickens the mixture.
4	Thickening Agents	Starches that can be used for thickening agents include flour, corn flour, arrowroot and tapioca flour.

2. Possible problems when making a starch-based sauce

1	Lumpy sauce	This will occur if starch granules are not constantly stirred while heated.
2	Starchy taste	This will occur if the sauce is not cooked through properly.
3	Watery or too thick	This will occur if you use too much or too little starch or too little or too much milk.

3. Tips for making a Bechamel (white Sauce)

1	Stirring	Stir continuously to avoid lumps, or burning
2	Heat gently	To break up the starch
3	Cooking	Cook to 100 degrees to ensure flour is fully cooked
4	Ingredient Ratios	Ensure correct ratio of ingredients has been used to ensure sauce is not too thick or thin.



Diagram A – The process of gelatinisation including temperatures

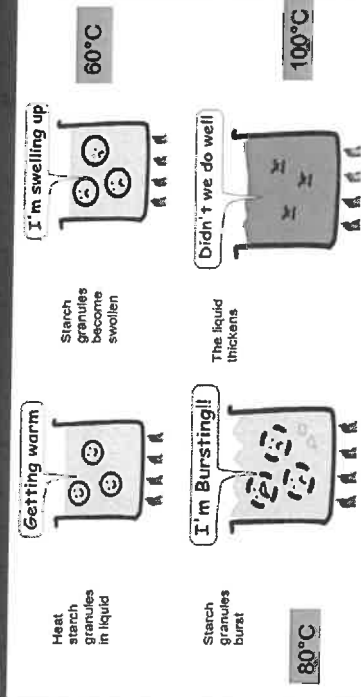
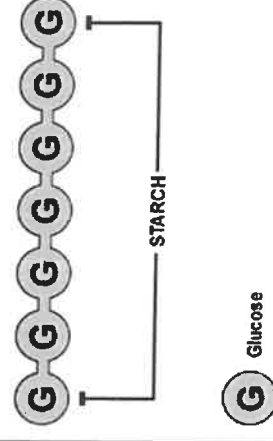


Diagram B - Starch (Complex Carbohydrates) Molecule Chain



4. The function of soda bread ingredients

1	Whole meal flour	Adds bulk, structure and fibre
2	Salt	Adds Flavour
3	Lemon Juice	Makes dough acidic to activate bicarbonate of soda
4	Milk	Activates bicarbonate of soda and softens dough
6	Bicarbonate of soda	Creates CO ² which expands on heating to create rise
7	Rosemary	Adds strong flavour and colour
8	Honey	Adds flavour, acidic to help bicarbonate of soda

5. The three factors required to activate Bicarbonate of soda



Huish Episcopi Academy Year 8 Computing Knowledge Organiser – Summer A

Section 1	
1	HTML (HyperText Markup Language) is the standard language used to create web pages
2	Image A visual representation, such as a photo or graphic
3	Tag Tags are used in HTML to define elements on a web page
4	Attribute Provide additional information about HTML elements
5	Directory A folder that contains files and other directories
6	Render The process of displaying content on a screen
7	CSS (Cascading Style Sheets) is used to style and format HTML elements

Section 2	
1	Style Refers to the visual appearance of elements
2	Formatting Involves arranging text and elements on a web page
3	Head The <head> section of an HTML document contains meta-information, like the title and links to CSS files
4	Body Contains the main content that is displayed on the web page
5	Hyperlink A clickable link that takes you to another web page or resource
6	Website A collection of web pages that are linked together and accessible via the internet

Section 3	
1	Search Term A word or phrase entered into a search engine to find information
2	Keywords Important words related to a topic
3	Crawler A program used by search engines to scan and index web pages
4	Spider Another name for a web crawler
5	Index A database of web pages created by search engines to make searching faster and more efficient
6	Query A request for information made to a search engine using search terms
7	Ranking The order in which search results are displayed based on relevance to the query

Section 4	
1	Connective A word or phrase that links clauses or sentences
2	Clause A group of words that contains a subject and a predicate
3	Operator Operators are symbols or words used to perform operations in search queries
4	AND A logical operator used in search queries to find results that include all specified terms
5	OR A logical operator used in search queries to find results that include any of the specified terms
6	NOT A logical operator used in search queries to exclude results that contain specified terms
7	Quote Search Involves using quotation marks to search for an exact phrase