## Mixed Media



### 1 – Composition

#### Key vocabulary

**composition:** the placement of the elements of art on the page

<u>rule of thirds</u>: the process of dividing an image into thirds and placing the focus of your image where the lines cross

**<u>leading lines</u>**: lines shaped to draw the viewer's eye to the main subject of the art work



rule of thirds



leading lines

### 2 – Art techniques

#### Key vocabulary

**<u>collage</u>**: artwork in which pieces of paper, photographs, fabric and other items stuck onto a supporting surface

media: refers to the materials that are used to create a work of art.

<u>mixed media</u>: a term used to describe artworks composed from a combination of different media or materials

**<u>stencil</u>**: a piece of card, plastic or metal into which shapes have been cut, used to draw or paint patterns onto a surface

### 4 – Artist focus – Dain

Dain is an American Street Artist based in New York City. He works in mixed media. He collages old adverts, logos, and various images and layers spray paint on top. He finishes his works with his signature "circle and drip" around the eye.

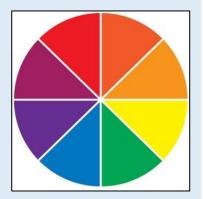
**Collage:** artwork in which pieces of paper, photographs, fabric and other items stuck onto a supporting surface.



Lamour Brooklyn #2 (2019)

### 3 – Colour theory

- **Primary colours** are red, yellow and blue. They cannot be mixed from other colours.
- Secondary colours are orange, green and purple. They are made by mixing 2 primary colours.
- **Complementary colours** are opposite each other on the colour wheel.



colour wheel

Harmonious colours are next to each other on the colour wheel.

### Computer Science

### **Computer Systems**



### 1 – Types of Computer

### 2 – What Makes a Computer?

#### **Key Vocabulary**

<u>PC</u>: a small, single-user computer based on a microprocessor <u>laptop</u>: a battery or AC-powered personal computer. It is usually smaller than a briefcase and can easily be transported and conveniently used. It is sometimes called a notebook computer.

tablet: a portable PC, with a touch-screen interface. A tablet

PC usually has software to run a virtual keyboard.

super computer: extremely powerful computers

**server**: computer or computer program which manages access to a centralised resource or service in a network



laptop

#### Key Vocabulary

processor: carries out program instructions, also known as the CPU

RAM: Random Access Memory

hard drive: where your computer stores data

storage device: a piece of computer equipment where data can be stored

hardware: the machines, wiring, and other parts of a computer or electronic system

input: an input device is any piece of computer hardware

used to provide data to a computer system

**<u>output</u>**: any piece of computer hardware that is used to communicate the results of data that has been processed by a computer system



### 3 – Logic Gates

#### **Key Vocabulary**

**NOT**: has just one input. NOT tells us that Input A has to be 0 (or OFF) in order for the output to be 1. Otherwise the output is 0. A NOT gate is sometimes called an inverter.

<u>AND</u>: tells us that both Input A AND Input B have to be 1 (or ON) in order for the output to be 1. Otherwise the output is 0

**<u>OR</u>**: has two inputs. OR tells us that EITHER Input A OR Input B has to be 1 (or ON) in order for the output to be 1. Otherwise the output is 0

logic gate: a type of programming language. They are represented as truth tables

### 4 – Artificial Intelligence

#### **Key Vocabulary**

<u>artificial</u>: created by humans, usually as a copy of or instead of something natural <u>intelligence</u>: the ability to gain and apply knowledge and skills

#### Alan Turing

- One of the world's most famous mathematicians, working during the 1940s.
- Alan Turing invented the idea of a 'Universal Machine' that could decode and perform any set of instructions.
- Ten years later he would turn this idea into a plan for an electronic computer, capable of running any program.

### Macbeth - Witches

Year 8

Term 2



soundscape:a collection of individual sounds that are layered up to createpitch:a strong sense of placepace:tiunison:simultaneous performance or utterance of action or speechtone:choral speech:ensemble speaking as a group often using various voicevolumecombinations and contrastsontrastsontrast	<ul> <li>Yocabulary</li> <li>h: the degree of highness or lowness of the voice</li> <li>e: the speed at which someone speaks</li> <li>a: a quality in the voice that expresses the speaker's feelings or thoughts</li> <li>ume: the degree of loudness or the intensity of a sound</li> <li>ity: ensure that you speaking clearly</li> <li>volume</li> </ul>

### 3 - Tragedy

#### **Key Vocabulary**

**tragedy:** a drama in which a series of actions leads to the downfall of the main character, called the tragic hero

- The plot builds to a catastrophe, or a disastrous final outcome, that usually involves the death of the hero and many others.
- A Shakespearean tragedy often includes elements of the supernatural.
- There is often a battle between good and evil.



tragedy

### 4 - NVC skills

#### Key Vocabulary

non verbal communication (NVC): the way movements, posture and gestures can show how someone feels without speaking. It is also referred to as body language. facial expression: the appearance, mood or feeling conveyed by a person's face posture: the position a character holds themselves in when sitting or standing gesture: a movement made by part of the body, for example, arms, head to show a character's emotions

gait: a person's manner of walking

### English

## 'Animal Farm': Writing



### 1 – Terminology

### 2 – Rhetorical Methods

rhetoric: the art of effective or persuasive speech or writing

**hypophora:** when a writer raises a question, and then immediately provides an answer to that question

anaphora: a repeated phrase at the beginning of clauses

anecdote: a short story narrating a personal experience

triadic structure: listing of three words or phrases for effect (triplet)

**repetition (for effect):** when a phrase or word is repeated throughout a text to emphasise a meaning

 $\underline{\text{direct address:}}$  when the writer communicates with the reader or audience by using their name or pronoun 'you'

### 4 – Grammar: Imperative and Modal Verbs

#### imperative verbs:

An imperative verb is one that tells someone to do something, so that the sentence it is in becomes an order or command.

• (e.g. stop, jump, go)

#### modal verbs:

Modal verbs are used to make a statement and show a belief that something is certain, possible or impossible. Some modal verbs are:

- can
- may
- must
- should

- · A speech is a **formal** talk given to an audience.
- Speeches are used to emphasise or persuade an a point of view about a subject.
- They can be used to argue and persuade, to inform and advise, and to entertain.

#### Audience:

Form:

• It is important to understand who you are writing the speech for so that you can effectively engage your listeners. What **purpose** (point) are you writing for?

#### Writer's craft:

Speeches should have a simple structure to help your audience follow your ideas.
Speeches should have a powerful opening to immediately engage your audience. Use rhetorical methods (in Box 2) to do this.

### 3 – Vocabulary

<u>conspiracy (noun):</u> a secret plan to cause harm <u>egotistical (adj.):</u> being self-centred <u>equality (noun):</u> the state of having equal and fair opportunity and rights

hierarchy (noun): a structure of authority and power



satirical (adj.): a sarcastic and mocking tone, to make fun of something

### French



### 1 – Jouer (to play)

	jouer			to play				fa	ire
	je joue		l play				je fais		
	tu joues		you play (singular/informal)				tu fais		
	il joue		he plays					il fait	
	elle joue		she plays				elle fait		
	on joue		we p	olay				on fait	
	nous jouor	าร	we p	olay				nous fai	isons
	vous jouez		you	play (plural/form	nal)			vous fai	tes
	ils jouent		they play (masculine)				ils font		
	elles jouer	nt	they	play (feminine)				elles for	nt
au b	asket	baske	tball				du pat	tinage	ska
au fo	oot	footba	all	aux jeux vidéo	video	games	du roll	er	roll
au h	and	handb	all	aux échecs	chess		du ski		ski
au p	ing-pong	ping p	ong				du spo	ort	spo
au ru	ugby	rugby	-	à la pétanque	bowls		du vél	0	cyc
au te	ennis	tennis	;	aux boules	bowls				-
au v	olley	volley	ball				des pi	romenad	es w

#### 2 – Faire (to do/make)

	faire			to do		
	je fais		l do			
	tu fais		you do (singular/informal)		ormal)	
	il fait		he do	es		
	elle fait		she d	oes		
	on fait		we do	)		
	nous faisor	າຣ	we do	)		
	vous faites		you d	o (plural/forma	al)	
	ils font		they of	do (masculine)		
	elles font		they of	do (feminine)		
ı pat	tinage sl	kating		de la danse	dancir	ng
I roll			cating	de l'équitation	horse-	riding
ı ski		kiing	Ŭ	de la lutte	wrestli	ing
l spo	ort s	port		de la natation	swimn	ning
I vél	0 C	, ycling		de la pêche	fishing	3
				de la randonn	<mark>ée</mark> hiking	g
es pr	omenades	walkir	ng	de la voile	sailing	

### 3 – Negatives

To say 'not', 'don't' or 'never' in French, you need to				
use a negative.				
In French, negatives go around the verb:				
ne pas = don't/not				
ne jamais = never				

e.g. je ne joue pas = I don't play je ne fais jamais = I never do

When you use a negative with 'faire', it should be followed with '**de**', rather than 'du' or 'de la'.

e.g. je **ne fais pas de** natation = I don't do swimming je **ne fais jamais de** vélo = I never do cycling

#### 4 – Aller

The verb 'aller' (to go) is an **irregular** verb. This means that, like with 'avoir' and 'être', you just have to learn its pattern by heart.

aller	to go		
je vais	I am going	l go	
tu vas	you are going	you go	
il va	he is going	he goes	
elle va	she is going	she goes	
on va	we are going	we go	
nous allons	we are going	we go	
vous allez	you are going (pl)	you go (pl)	
ils vont	they are going (m)	they go (m)	
elles vont	they are going (f)	they go (f)	

#### 5 – The Near Future Tense

To form the near future tense, we us the verb aller + infinitive verb

aller	to go		
je vais	I am going	l go	
tu vas	you are going	you go	
il/elle va	he/she is going	he/she goes	
nous allons	we are going	we go	
vous allez	you (pl) are going	you (pl) go	
ils/elles vont	they are going	they go	

#### e.g.

Je vais **jouer** au foot. I am going **to play** football. Je vais **faire** de la lutte. I am going **to do** wrestling On va **jouer** au volley. We are going **to play** volleyball.

#### 6 – Time Expressions

Days of the v	veek:	Future tense:
lundi	Monday	le weekend prochain
mardi	Tuesday	next weekend
mercredi	Wednesday	la semaine prochaine
jeudi	Thursday	next week
vendredi	Friday	l'année prochaine
samedi	Saturday	next year
dimanche	Sunday	jeudi prochain
le lundi	on Mondays	next Thursday

#### Regularity:

souvent often parfois sometimes d'habitude usually une/deux fois... once/twice... ...par semaine ...per month ...per month



### 1. Location

- Russia is located in two continents, Asia and Europe.
- Russia is so large that it has 11 time zones.
- The capital city, Moscow, is 10 hours behind the Kamchatka Region of Eastern Russia.



### 2. Climate of Siberia

#### Key Vocabulary:

extreme: is beyond normal

- There is a Mediterranean climate in south western Russia and the extreme cold of the northern and central parts of the country.
- The world's coldest permanently inhabited town is called Oymyakon. This place had a temperature of -88°c. This is colder than Mars.
- The extreme cold of central Russia means that there are no major towns or cities in the region.

### 3. Population of Russia

#### Key Vocabulary:

**sparse:** an area where there isn't much of something

• The area with the highest population density in Russia is the west of Russia.

Term 2

- The area with the lowest population density is the north and east of Russia.
- The east of Russia is sparsely populated due to the climate being extremely cold. This means that people have to wear lots of clothes and spend a lot of time indoors.

### **4. Economic Opportunities**

#### Key Vocabulary:

**resource**: any material that is part of Earth that people need and value

- Russia is the largest producer of oil in the world. Russia has large reserves of gas. This gas is transported to countries, such as Germany to heat their homes.
- Russia is a resource rich nation but these resources have to be transported over vast distances.

### 5. Threats to the tundra

#### Key Vocabulary:

**<u>tundra</u>**: a vast, flat, treeless Arctic region in which the soil below the surface (subsoil) is permanently frozen

- The tundra is threatened by a number of economic and social reasons. The first reason is climate change.
- The next reason is due to the immense wealth of resources that is underneath the ground.
- The tundra needs protecting as it is a fragile ecosystem that takes 1000s of years to repair.

### 6. Russia and the Middle East

#### Key Vocabulary:

**comparing:** estimate, measure, or note the similarity or dissimilarity between

- Both are primary resource rich regions that have been exploited for profit.
- Both have people that have had to adapt to the extreme environments of the regions.
- On the other hand, both Russia and the Middle East have different climates. One is extremely cold and one is extremely warm.

### History

## The British Empire



### **1 – British Empire**

#### **Key Vocabulary**

empire: a group of countries

trade: swapping products with one another

- The British Empire stretched from New Zealand to Vancouver Island in Canada.
- The British Empire ruled over 400 million people and covered 20% of the world.
- Trade and religion spread across the empire.
- The British Empire could buy and sell new products.

4 – The Indian Resistance

### 2 – Ireland and America

#### **Key Vocabulary**

independent: to not need anyone

colony: a country under the control of another county

- The Irish had been ruled by the English since the 1100s.
- The British were brutal towards the Irish for 800 years until they became independent in 1922.
- · The British set up a colony called Jamestown in North America in 1607 where many Irishmen went.
- The 13 colonies declared independence in 1776.

### 5 – Partition of India

famine: not enough food movement: people trying to achieve something

**Key Vocabulary** 

#### movement led by Gandhi

- The Bengal famine caused 10 million people to die.
- The famine was caused by East India Company.
- Mahatma Gandhi led a movement for Indian independence. They did not want to be run by Britain anymore.



#### **Key Vocabulary**

British Raj: the British government in India refugee: a person forced to leave their home

- In 1947, the British left India. This was because of the movement led by Gandhi and the cost of the World War 2.
- The British Raj split India into three sections: India, which would be Hindu, and West and East Pakistan, which would be Muslim.
- This decision created 10 20 million refugees.

### 3 – The British in India

**Key Vocabulary** 

company: a business

trade post: where goods and services are traded

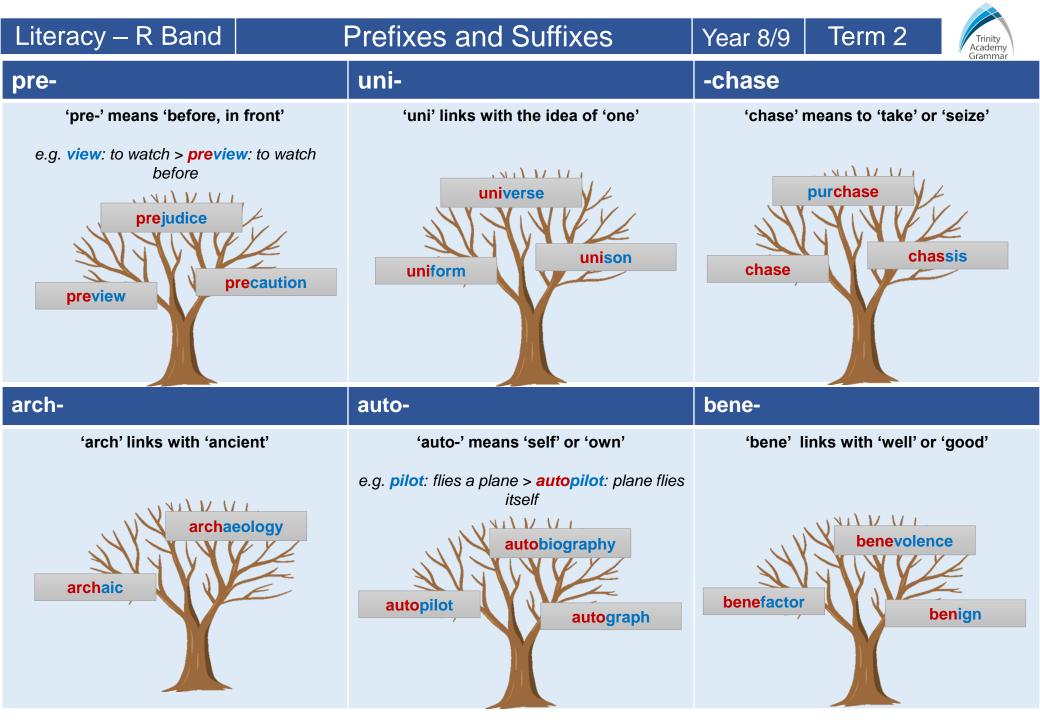
- The Mughal Empire covered most of what we call India, Afghanistan, and Pakistan today.
- By 1700, this empire had the most powerful economy in the world. It produced 25% of the world's goods and services.
- In 1608 the first British trade post was opened by the East India Company.

### 6 – Legacy of Empire

#### **Key Vocabulary**

legacy: something left behind democracy: when people have the right to vote

- The legacy of the British Empire is viewed differently by the British and Indians. Britain are positive; India are negative.
- Today Britain recognises there is good and bad. Empire can bring wealth and democracy but it can also bring death and suffering.





		Grammar
1 – Quadrants and Lines	2 – Linear Graphs	3 – Data
Co-ordinates	<b><u>y-intercept</u></b> : where a line crosses the $y - axis$	frequency: the number of times an event occurs
<u>x - :</u> first number in a coordinate which is the	linear graph: produces a continuous straight line	correlation: a measure of the strength of
horizontal value	y = mx + c: often the form of a linear graph where m is the gradient of a linear graph where m is the grade dimense graph where m is the grade dimense gr	
<u>y - :</u> second number in a coordinate which is the vertical value	and c is the y intercept <u>non-linear graph:</u> doesn't produce a continuous straight line	continuous data: data which can take any value
guadrant: one of four regions separated by the x	<ul> <li>the steepness of a line refers to its gradient</li> </ul>	gualitative: refers to a quality or attribute
and y axis.	<ul> <li>An ascending linear sequence results in a positive gradient</li> </ul>	guantitative: refers to a quantity or amount
<b>origin:</b> a fixed point at which measurements are	A descending linear sequence results in a negative gradient	range: difference between largest and smallest
taken from. This is usually (0,0). gradient : a measure of the steepness of a line	parallel: two lines the same distance apart at all points	data
<del>7.44.5.1.</del> a measure of the encohness of a me		
4 – Scatter Graphs	5 – Probability	6 – 8 Times Table
4 – Scatter Graphs positive correlation: a link showing that as one	5 – Probability trial: an experiment that is repeated	
<b>positive correlation:</b> a link showing that as one variable increases, the other also increases	2	6 – 8 Times Table 1 x 8 = 8 7 x 8 = 56
positive correlation: a link showing that as one	trial: an experiment that is repeated	
<b>positive correlation:</b> a link showing that as one variable increases, the other also increases <b>negative correlation:</b> a link showing that as one variable increases the other decreases <b>outlier:</b> result which lies beyond where most of	<ul> <li>trial: an experiment that is repeated</li> <li>event: a set of possible outcomes from a trial</li> <li>outcome(s): the result(s) of a statistical trial</li> <li>probability: The likelihood (chance) of an event</li> </ul>	1 x 8 = 8 7 x 8 = 56
<b>positive correlation:</b> a link showing that as one variable increases, the other also increases <b>negative correlation:</b> a link showing that as one variable increases the other decreases <b>outlier:</b> result which lies beyond where most of the data is clustered	<ul> <li>trial: an experiment that is repeated</li> <li>event: a set of possible outcomes from a trial</li> <li>outcome(s): the result(s) of a statistical trial</li> <li>probability: The likelihood (chance) of an event</li> <li>happening</li> </ul>	$1 \times 8 = 8$ $7 \times 8 = 56$ $2 \times 8 = 16$ $8 \times 8 = 64$ $3 \times 8 = 24$ $9 \times 8 = 72$
<b>positive correlation:</b> a link showing that as one variable increases, the other also increases <b>negative correlation:</b> a link showing that as one variable increases the other decreases <b>outlier:</b> result which lies beyond where most of	<ul> <li>trial: an experiment that is repeated</li> <li>event: a set of possible outcomes from a trial</li> <li>outcome(s): the result(s) of a statistical trial</li> <li>probability: The likelihood (chance) of an event</li> </ul>	$1 \times 8 = 8 \qquad 7 \times 8 = 56$ $2 \times 8 = 16 \qquad 8 \times 8 = 64$ $3 \times 8 = 24 \qquad 9 \times 8 = 72$ $4 \times 8 = 32 \qquad 10 \times 8 = 80$
<ul> <li><b>positive correlation:</b> a link showing that as one variable increases, the other also increases</li> <li><b>negative correlation:</b> a link showing that as one variable increases the other decreases</li> <li><b>outlier:</b> result which lies beyond where most of the data is clustered</li> <li><b>line of best fit:</b> a line drawn on a scatter graph to</li> </ul>	<ul> <li>trial: an experiment that is repeated</li> <li>event: a set of possible outcomes from a trial</li> <li>outcome(s): the result(s) of a statistical trial</li> <li>probability: The likelihood (chance) of an event</li> <li>happening</li> <li>sample space: set of possible outcomes from a trial</li> </ul>	$1 \times 8 = 8$ $7 \times 8 = 56$ $2 \times 8 = 16$ $8 \times 8 = 64$ $3 \times 8 = 24$ $9 \times 8 = 72$
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### Music



### 1 – Origin

### 2 – Hip-Hop Key Vocabulary

- Rap and Hip-Hop began in New York, USA.
- It started when the Jamaican sound system culture arrived in the late 1970s.
- Rappers combined lyrics and beats to entertain at rap battles where they would boast about being the best rapper.
- Rap cam to the UK in the 1970s and 80s.
- The London Posse and Cookie Crew were two successful early rap groups.



Cookie Crew

#### Key Vocabulary

MC: Master of Ceremony. Another name for a rapper.

sound system: large outdoor speaker system which originated in Jamaica often

run by DJs and Rappers

beat: the pulse/heartbeat of the music

bass line: the low-pitched instrumental

part or line of music played by the lowest

sounding instrument



beatboxing: vocal percussion, mimicking the drum machines with the mouth

### 4 – Rap Lyric Writing

#### Key Vocabulary

couplet: a pair of rhyming words

internal rhyming/ assonance: matching the sound of words within the line

hook: a catchy line of lyrics which is remembered by the listener

Key Hip-Hope and Rap Artists

Post Malone, Khalid, Drake, Lil Nas X, Travis Scott, Juice WRLD, DaBaby, Cardi B, Lil Baby, Meek Mill, Chris Brown, Lil Wayne, Kanye West, Jay-Z



Drake

### 3 – DJing Key Vocabulary

mixing: when two different records are mixed together

**beatmatching:** changing the speed at which a record is played so that its tempo matches that of the song currently playing

**scratching:** moving a record back and forth on a record player to create a 'scratching' sounds

looping: when a sample of music is repeated over and over

**sampler:** a device that can take any sound that is put into it, process it and play it back

**sampling:** taking a section, or sample of a recording and reusing it within a different song



### 1 – Ball familiarisation

#### **Key Vocabulary**

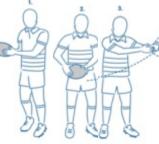
pop pass: a short distant pass

spin pass: a pass played over a longer distant and to

get the ball to its intended target quicker

#### Spin pass technique:

- Dominant hand at back of ball
- Other hand placed
- underneath front of ball - Ball starts by side hip
- Move dominant hand across the top of the ball to apply spin



### 2 – Tackling

#### **Key Vocabulary**

parachute fall: a safe way to fall to the floor when tackled

tower of power: safe technique used to tackle the opponent

#### Tower of power:

- Target: opponents' thigh
  - Cheek-to-cheek
  - Ring of steel



## 3 – Invasive Running

#### **Key Vocabulary**

agility: the ability to change direction quickly without slowing down

speed: the ability to move all or some of the body

quickly

#### Invasive techniques:

- Side step
- Change of speed
- Hand off
- Swerved run



### 4 – Positional Play

#### **Key Vocabulary**

attacking line: a diagonal line that stretches across the pitch

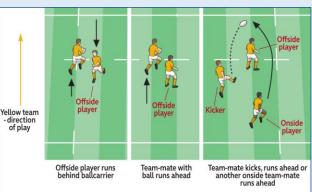
defensive line: a straight and compact line showing no

#### gaps



#### **Key Vocabulary**

offside: being in an illegal position e.g. in front of the ball or ball carrier.



### 6 – Scrummaging

#### **Key Vocabulary**

scrum-half: player that places rolls the ball into the scrum for "hookers" to compete for.

hooker: central player within the scrum that attempts to hook the ball backwards through their own scrum



5 – Offside



### 1 – Dribbling

#### Key Vocabulary

<u>3 steps:</u> the maximum number of steps you can take when holding the ball

**pivot:** to turn to face a different direction without taking your foot off the floor

- Dribbling the ball- finger tips, head
- up, snap with wrist
- 3 steps with the ball before shooting of passing
- 3 seconds with the ball when

standing still

### 4 – Defending

#### **Key Vocabulary**

intercept: to stop something in progress reaction time: the time taken to respond to something

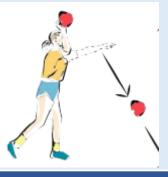


### 2 – Passing & Receiving

#### **Key Vocabulary**

<u>'w' grip:</u> how to grip the ball when catching it

**bounce pass:** a pass that bounces on the floor once before reaching a teammate

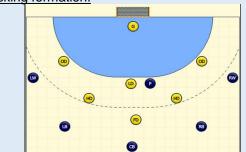


### 5 – Attacking Phase of Play

#### **Key Vocabulary**

**pivot:** an attacking player who travels along the opponent's crease

#### Attacking formation:



### 3 – Shooting

#### **Key Vocabulary**

jump shot: more effective shot to increase the

likelihood of scoring

accuracy: the precise placement of something

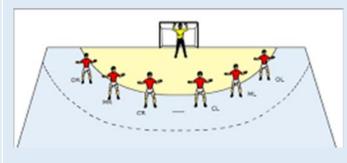


### 6 – Defending Phase of Play

#### **Key Vocabulary**

formation: the positional placement of players

#### Defensive formation:





PE		Dance	Year 8 Term 2	
1 – Warm up, choreography a	nd rhythm	2 – Unison/Canon	3 – Dance Style	
<ul> <li>Key Vocabulary</li> <li><u>choreography:</u> the sequence of step movements in dance.</li> <li><u>rhythm</u>: is a sense of timing. Dance r in sets of 8 beats</li> <li>3 stages of a dance warm-up include isolations: moving one part of the boo aerobic: pulse raiser</li> <li><u>flexibility:</u> stretching</li> </ul>	music is counted de:	<ul> <li>Key Vocabulary</li> <li><u>unison:</u> when dancers use the same movement at the same time.</li> <li>This is a powerful choreographic device because it creates an engaging effect for the audience.</li> <li>It's aesthetically pleasing and makes the dance look neat.</li> <li><u>canon:</u> when dancers perform the same phrase one after the other.</li> <li>This is a powerful choreographic device because it makes the dance look more complex without the choreography appearing chaotic.</li> </ul>	<ul> <li>genre: the style or category of dance</li> <li>ballet: posture, toe pointing, and correct body</li> <li>positions, lines, and angles are all important.</li> <li>hip hop: locking, popping, fast movements</li> <li>street: dances are performed with soft knees, low,</li> <li>sharp and exaggerated moves</li> <li>contemporary: strong controlled legwork of ballet, fall</li> <li>and recovery, improvisation characteristics of modern</li> <li>dance. Speed, rhythm and direction all change quickly.</li> <li>tap: sounds of tap shoes striking the floor. The sound is</li> <li>made by shoes that have a metal "tap" on the heel and</li> </ul>	
4 – Levels		5 – Formation	6 – Choreography & Performance	
<ul> <li><u>levels:</u> refer to whether the dancer is p middle and low moves</li> <li>A powerful choreographic device be an engaging effect for the audience</li> <li>Adding leaps and jumps along with it aesthetically pleasing</li> </ul>	ecause it creates	<ul> <li>Key Vocabulary</li> <li>formation: shape.</li> <li>Are you in a line, circle, square?</li> <li>Are there any changes to the formation throughout the dance?</li> <li>It's aesthetically pleasing.</li> <li>It maintains the interest as the dancers move around each other.</li> </ul>	jump: feet leave the floor         gesture: movement to express emotions         turn: rotation         travel: move from one place to another         stillness: stationary         isolation: one body part         CHOREOGRAPHIC         DEVICES	
levels			unison confidence canon focus formation audience levels	

PE	Gymnastics	Year 8 Term 2
1 – Trampetting/Springboard	2 – Advanced Shapes	3 – Dive Forward Roll
Trampette/springboard- run towards the tratake off one foot on the floor to two feet on the trampette. Push through the knees for powe give you height on your jump. Swing arms u height.	ne r which will <u>Jumps-</u> pwards for - Make sure you always jump from two feet. - Use your arms to gain more height on your jump,	<ul> <li>Dive Forward Roll</li> <li>Run towards the trampette, take off with two feet Push through your legs to gain height. You must travel upwards and forwards.</li> </ul>
Perform a basic shape in the air. Land with the and then extend.	<ul> <li>Bend from the knees to gain power.</li> <li>Make a stretched shape in the air extending both the arms and the legs.</li> <li>Keep toes pointed to make the more aesthetically</li> </ul>	<ul> <li>Both hands should be placed on the crash mat, tuck in your head and lean forwards.</li> </ul>
<ul> <li>Make sure you always jump from two feet</li> <li>Use your arms to gain more height on you</li> <li>Bend from the knees to gain power.</li> <li>Niake a stretched shape in the air extendin arms and the legs.</li> <li>Keep toes pointed to make the more aesth pleasing.</li> <li>Straight, star, tuck, pike, straddle, split jun</li> </ul>	<ul> <li>pleasing.</li> <li>Tuck, pike, straddle, split jumps, half turn, full turn.</li> <li>ng both the</li> </ul>	- Push <b>forward</b> with your legs until you begin to <b>roll</b> , then tuck your body and keep your back rounded.
55 E	tuck straddle pike split stand	158-1344

### RS

### 1 – The Khalsa

#### Key Vocabulary

Khalsa: the community of Sikhs

turban: a man's head covering

- The first Khalsa was formed during the time of Guru Gobind Singh.
- The Guru asked a group of Sikhs if any of them were willing to sacrifice their lives for their faith.
- Five men volunteered and entered a tent, expecting to be killed. They eventually emerged unharmed, all dressed in fine clothing and wearing turbans.
- The five men became known as the 'Panj Piare' (the Five Beloved Ones) and they became the first members of the Khalsa.
- Any Sikh can now join the Khalsa if they want to be fully committed to the faith.

### 2 – The 5 Ks

#### **Key Vocabulary**

 $\underline{\textbf{symbol:}}$  something simple which stands for

something more complex

The 5 Ks are symbolic items which all members

of the Khalsa wear to show their commitment to their faith:

- 1. Kesh uncut hair. Sikhs do not cut their hair as this is a gift from God.
- 2. Kangha a wooden comb. This is used to keep their hair neat.
- 3. Kachera cotton underpants. This is to show modesty.
- 4. Kara a steel bangle. This represents the one, eternal God.
- 5. Kirpan a sword. This is used to defend the truth and the vulnerable. It is never used to attack others.

3 – The Guru Granth Sahib	4 – Seva
<ul> <li>Key Vocabulary</li> <li><u>Gurdwara:</u> the Sikh place of worship</li> <li><u>scriptures:</u> sacred writings</li> <li><u>Guru Granth Sahib:</u> the Sikh holy book</li> <li>In the Gurdwara building, scriptures from the Guru Granth Sahib are read aloud.</li> <li>Drums are often played whilst the Guru Granth Sahib is being read.</li> <li>The prayer hall is often decorated with bright colours on the walls and carpets.</li> <li>The Guru Granth Sahib will have its own bedroom within the Gurdwara, where it is kept when not being read.</li> </ul>	<ul> <li>Key Vocabulary</li> <li><u>seva:</u> service</li> <li><u>langer:</u> the communal kitchen in the Gurdwara</li> <li>Sikhs believe they must perform a selfless service to God's creation. This means that they have to help people.</li> <li>Sikhs believe when they are serving others, that they are serving God. They believe that God is in everything that He has created.</li> <li>Seva can be performed in three ways: <ol> <li>Tan – physical service. For example: helping in the langar.</li> </ol> </li> </ul>
<ul> <li>The communal kitchen, langar, is open to all people and serves vegetarian food to whomever wants it.</li> </ul>	<ol> <li>Man – mental service. For example: teaching others.</li> <li>Dhan – giving to charity.</li> </ol>





Sikhism



Term 2



		Grammar		
B1 – Aerobic Respiration	C1 – Neutralisation	P1 – Energy Sources		
<pre>respiration: the chemical process that releases energy for life processes aerobic: a process that involves oxygen glucose: a simple sugar that can be made from larger carbohydrates mitochondria: a subcellular structure where aerobic respiration takes place carbon dioxide: a waste product that is produced from aerobic respiration as a gas Aerobic Respiration Word Equation glucose + oxygen —&gt; carbon dioxide + water</pre>	Key Vocabulary acid: a substance with a pH < 7 alkali: a substance with a pH > 7 neutral: a substance with a pH > 7 ph scale: a scale, from 1 to 14, which measures the acidity or alkalinity of a substance neutralisarion: a chemical reaction in which an acid reacts with an alkali to make a salt and water indicator: a chemical substance that changes colour at a specific pH	Key Vocabularyenergy source:a source from which useful energycan be extracted or convertedrenewable:an energy source that will not run outnon-renewable:an energy source that is used fasterthan it is replenished and will run outpower:the amount of energy transferred in a setamount of timewatts:the units of powerstandard form:a method of writing small or largenumbers E.G. 192 = $1.92 \times 10^2$		
B2 – Anaerobic Respiration	C2 – Reactions of Acids	P2 – Energy Use		
B2 – Anaerobic Respiration anaerobic: a process that does not involve oxygen cytoplasm: the jelly like substance that fills the cell, where anaerobic respiration takes place lactic acid: a waste product that is produced from anaerobic respiration	C2 – Reactions of Acids         irritant: a substance that causes discomfort to the body         corrosive: able to damage or destroy other substances by         chemical reaction         REACTION OBSERVATION EXPLANATION         acid and       no fizzing but       no gas is produced	P2 - Energy UseKey Vocabularyfuel: a substance that is burned to release energyjoules: the units for all types of energykilowatt hour (kWh): the unit used to state the amountof energy used by a 1kW appliance for 1 hour		
<ul> <li><u>anaerobic:</u> a process that does not involve oxygen</li> <li><u>cytoplasm:</u> the jelly like substance that fills the cell,</li> <li>where anaerobic respiration takes place</li> <li><u>lactic acid:</u> a waste product that is produced from</li> <li>anaerobic respiration</li> <li><u>breathing rate:</u> how many breaths are taken per</li> <li>minute</li> </ul>	irritant:a substance that causes discomfort to the bodycorrosive:able to damage or destroy other substances bychemical reactionREACTIONOBSERVATIONEXPLANATION	Key Vocabulary <u>fuel:</u> a substance that is burned to release energy <u>joules:</u> the units for all types of energy <u>kilowatt hour (kWh):</u> the unit used to state the amount of energy used by a 1kW appliance for 1 hour <u>compare:</u> to find similarities and differences between to objects		
<ul> <li>anaerobic: a process that does not involve oxygen</li> <li>cytoplasm: the jelly like substance that fills the cell,</li> <li>where anaerobic respiration takes place</li> <li>lactic acid: a waste product that is produced from</li> <li>anaerobic respiration</li> <li>breathing rate: how many breaths are taken per</li> </ul>	irritant: a substance that causes discomfort to the bodycorrosive: able to damage or destroy other substances bychemical reactionREACTION OBSERVATION EXPLANATIONacid andno fizzing butno gas is producedalkalipossible coloursome salts produced arechangechangesome salts produced are	Key Vocabulary <u>fuel:</u> a substance that is burned to release energy <u>joules:</u> the units for all types of energy <u>kilowatt hour (kWh):</u> the unit used to state the amount of energy used by a 1kW appliance for 1 hour <u>compare:</u> to find similarities and differences between to		

Technology	Food			Year 8	Term 2	Trinity Academy Grammar
1 – Proteins		2 – Fats		3- Carbohydrates		
<ul> <li>We need protein for muscle growth</li> <li>Any left is used as a secondary sour</li> <li>amino acids: the building blocks of proceeded by our body.</li> <li>essential amino acids: the amino acids come from the food we eat</li> <li>HBV: proteins that contain all of the Essential and of the Essential action of the second se</li></ul>	rce of energy. pteins. There are ds that need to sential Amino , cheese s and are hino acids more LBVs are he amount of	<ul> <li>2 diabetes and strokes.</li> <li><u>unsaturated fats:</u> come massuch as nuts and oils.</li> <li>They are lower in cholest healthier choice.</li> </ul>	to provide the fat soluble y from animals and are high as it can clog our arteries health problems E.G. Type ainly from plant sources terol, which makes it a	<ul> <li>We need these for energy.</li> <li>There are two types: simple and complex.</li> <li>simple carbohydrates: mainly sugars which can lead to long-term problems such as tooth decay, obesity and type 2 diabetes.</li> <li>complex carbohydrates: starchy foods such as bread, rice, pasta and potatoes</li> <li>These give us more fibre and our bodies find them harder to break down.</li> <li>The energy lasts longer keeping us feeling fuller for longer</li> <li>dietary fibre: keeps our digestive system working healthily and prevents complications such as constipation or more seriously cancer of the bowel.</li> <li>E.G. wholemeal bread and fruit.</li> </ul>		
4 – Vitamins and Minerals						
<ul> <li><u>Vitamin A (fat soluble):</u> for normal growth of children. Found in– oily fish, dairy foods, carrots, green vegetables.</li> <li><u>Vitamin B:</u> to allow the body to get energy from food. Found in- wholemeal cereals, meat, marmite.</li> <li><u>Vitamin C:</u> clear skin, healing of wounds. Healthy teeth and gums, prevents infections e.g. colds. Found in – fruit E.G. berries and citrus fruit, tomatoes, potatoes, green vegetables</li> </ul>		<ul> <li><u>Vitamin D (fat soluble):</u> works with calcium to form strong bones and teeth. Found in – oily fish, margarine, eggs, sunshine.</li> <li><u>calcium:</u> works with vitamin D to make strong bones and teeth.</li> <li>It is needed for the clotting of the blood.</li> <li>Found in – milk, cheese, yoghurts, fish bones E.G. tinned salmon.</li> <li>Calcium is added to white bread by law</li> <li><u>Iron:</u> needed to form red blood cells, which carry oxygen to all parts of the body.</li> <li>Found in – red meat, green vegetables.</li> </ul>				

Term 2



### 1 – Identity

### 2 – Self-Worth & Self-Confidence

#### **Key Vocabulary**

**identity:** understanding who you are, the way you think about yourself and your characteristics

- Everyone has a different identity and this is what makes us a diverse society.
- Everyone is unique and no one characteristic is more important than another.
- Identity encompasses a range of concepts: gender, race, heritage, religion, sexual orientation and ability.

#### Key Vocabulary

self-worth: the internal feeling of being good enough and understanding

that you are a valuable human being

self-confidence: a feeling of trust in your own ability to do something

• Our self-worth and self-confidence are very important factors in supporting our own wellbeing.

### 3 – Gender Identity

#### **Key Vocabulary**

gender identity: an internal and personal understanding of your gender

- · Gender identity is not always visible to others.
- For some people, gender identity aligns with the sex assigned at birth (male or female).
- For others, gender identity differs from the sex assigned at birth (transgender).
- For others, they do not feel their gender fits into either male or female categories (nonbinary).

### 4 – Recognising and Challenging Discrimination

#### **Key Vocabulary**

**discrimination:** treating someone unfairly because of a unique characteristic

homophobia: treating someone unfairly because they are homosexual

biphobia: treating someone unfairly because they are bisexual

transphobia: unfair treatment of someone who is transexual or transgender

• All of the above must be reported to a member of staff and will be challenged.

Term 2







Cover

Write

Look at the information carefully. Read it three times. It may help to say it as you read it.

Cover it with your hand or a piece of paper.

Write it out, from memory.

Check what you have written matches the information exactly. Have you got it correct? If so, tick your work to show it is correct.

Correct

If it doesn't match exactly, use your purple pen to correct it. Repeat the steps above. If you get 100% correct, move on to the next piece of information.

# **Flash Cards**

If you choose to make flashcards to help you revise, don't forget our top tips.

- On one side of the card, write the question clearly
- 2. On the other side of the card, write the answer you want to remember
- Only put one question on each flashcard
- 4. Test yourself regularly, until you can't get the answers wrong

Scan the QR code to access a short video on how to use your flashcards more effectively.

