Student Name:



Knowledge Organiser: September 2024 Year 7

"Wise men and women are always learning, always listening for fresh insights."

Proverbs 18:15 (The Message)

Using Your Knowledge Organiser

Your teachers have worked hard to produce this document for you and have selected the most important knowledge that you will need to know to make good progress in their subjects. You should aim to learn all the information in your knowledge organiser off by heart.

Try out some of the strategies listed here to help you achieve this.

- 1. Read the knowledge organiser and ensure you understand it. Try and make links between the information on it and what you already know and do.
- 2. Look, Cover, Write, Check the traditional way of learning spellings!
- 3. Create a Mnemonic Using the first letters of keywords create a memorable sentence or phrase.
- 4. Create an acronym using the first letters of keywords to create a word to prompt you to remember all of the information.
- 5. Write it out in full on a blank version of the same format.
- 6. Write it out in note form, reducing it to key ideas or words. Try the same format but a smaller piece of paper.
- 7. Recreate the knowledge organiser as a series of images and words

- 8. Write a set of test questions for yourself using the organiser.
 - Answer these without the organiser the next day.
 - Swap your questions with a friend to increase challenge.
 - Turn your questions in to a game by putting them on cards and playing with friends.
- 9. Chunk the knowledge into smaller bitesize sections of around 5 pieces of information. Concentrate on mastering a chunk before you start on the next.
- 10. Try to make connections between the information and people you know. E.g. Visualise yourself trying these strategies with a specific teaching group.
- 11. Talk about the information on the knowledge organiser with another person. Teaching someone else about it helps us learn it.
- 12. Say the information out loud rehearse it like learning lines for a play, or sing it as if you are in a musical!

Year 7 Half Term 1 Key Vocabulary

<u>English</u>	<u>Maths</u>	<u>Science</u>	<u>RE</u>
Symbolism	Integer	Melting point	Religion
Convention	Degree of accuracy	Boiling point	Myth
Voice	Decimal place	Solute	Story
Protagonist	Significant figure	Solvent	Prophecy
Analytical	Units	Solution	Prophet
Inconsiderate	Factor	Chromatography	Theism
Well intentioned	Multiple	Distillation	Monotheistic
	Prime	Filtration	Polytheistic
Pompous	Product	Evaporation	Non-theistic
Intelligent		·	
Ambitious	Kilo	Particle	Tri-murti
History	Geography	<u>Spanish</u>	<u>IT</u>
Source	Geography	Inglés	Username
Interpretation	Human	Español	Password
Anglo-Saxon	Physical	Francés	List
Viking	Environmental	Biología	Alignment
Oath	Urban	Geografía	Word Processor
Pagan	Rural	Historia	PowerPoint
Witan	Ordnance Survey	Educación Física	Email
Thegn	Spot Heights	Religion	Formatting
Tithing	Contour Lines	Matemáticas	Teams
Fyrd	Climate Change	Ciencias	Font
<u>PE</u>	<u>Drama</u>	<u>Dance</u>	<u>Art</u>
Outwit	Body Language	Elements	Line
Opponents	Collaboration	Action	Tone
Attacking	Communication	Space	Form
Defending	Concentration	Dynamics	Colour
Control	Facial Expression	Relationships	Shape
Tactics	Focus	Stimulus	Scale
Fluency	Gesture	Canon	Texture
Positions	Projection	Unison	Pattern
Aesthetic	Stage positions	Choreography	Perspective
Warm-up	Vocal Tone	Facial Expression	Composition
Cool-down		· ·	'
<u>Technology</u>	<u>Food</u>	<u>Music</u>	<u>PSHE</u>
Rule	Denature	Pitch	Hazards
Spruce	Protein	Tempo	Respect
Manufacture	Fat	Dynamics	Transition
Flush	Dairy	Duration	Safety
Acrylic	Vegetables	Texture	Goal-setting
Tri-square	Bake	Sonority	Specific
Tenon	Fry	Notation	Measurable Attainable
Pilot hole	Finished Product	Graphic Score	Relevant
Clearance hole	Produce	Silence	Time-bound
CAD CAM	Ingredients	Ensemble	Time bodila
G (D C) (IVI	mbreatents	Ensemble	

Year 7 further reading lists Half Term 1 2024-2025

Use this reading list to build your knowledge around some of the topics you are studying this half term. All the books listed are available in the academy library. Speak to Mrs Jackson for more information.

<u>PSHE</u>	Geography and History	Science and Spanish
Austin, Margaret, 2016 First aid manual: the authorised manual of St John Ambulance Dorling Kindersley Limited	Butterfield, Moira, 2013 <i>Anglo-Saxons in Britain</i> Franklin Watts	Baxter, Roberta 2009 <i>The particle model of matter</i> Raintree
Gifford, Clive, 2017 Super social media and awesome online safety Wayland	Duhig, Holly, 2018 <i>Mapping towns and cities</i> Booklife Publishing	Colson, Rob, 2013 <i>Solids Liquids and Gases</i> Franklin Watts
Head, Honor, 2020 12 hacks to worry less Franklin Watts	Maskell, Hazel, 2010 <i>Anglo-Saxons and Vikings</i> Usborne	Hustad, Douglas, 2021 <i>Your Passport to Spain</i> Raintree
Schwartz, Heather E, 2017 <i>Safe social</i> networking Raintree	Ogden, Charlie, 2017 <i>Continents and Oceans</i> Booklife	Spilsbury, Richard, 2015 <i>Solids, Liquids and Gases</i> Raintree
Dance, Drama and P.E	Religious Studies	Maths and English
Gifford, Clive, 2007 <i>Badminton</i> Watts	Chödzin, Sherab & Kohn, Alexandra, 2019 <i>The Barefoot book of Buddhist Tales</i> Barefoot	Colson, Rob, 2016 Super sums : addition, subtraction, multiplication and division
Rowling, J. K, 2017 Harry Potter and the Cursed Child Sphere	Books	Franklin Watts
Spilsbury, Richard, 2007 <i>Cartoons and animation</i> Heinemann Library	Ganeri, Anita, 2001 <i>Buddhist Stories</i> Evans Books	OCR, 2002 <i>Opening Worlds: Short Stories</i> from <i>Different Cultures</i> Pearson Education
	Williams, Marcia, 2013 <i>The Elephant's Friend</i> and other Tales from Ancient India Walker Books	

Year 7 English—Stories from Different Cultures

1. Character Traits:		
Term	Definition	
Inconsiderate	Thoughtlessly causing hurt or inconvenience to others; selfish.	
Disrespectful	Showing a lack of respect; impolite.	
Well- intentioned	Wants the outcome to be good; striving for the best outcome.	
Unsympathetic	Doesn't show sympathy; insensitive; unkind. The reader feels no sympathy for the character.	
Empathetic	Showing the ability to understand and share feelings of others.	
Harsh	Cruel; severe.	
Pompous	Self– important; solemn.	
Isolated	Having little in common or little contact with other people.	
Intimidating	Threatening; using fear to get someone to do what they want.	
Insincere	Doesn't express genuine feelings; dishonest; two-faced.	
Charming	Pleasant; likeable; endearing	
Manipulative	Exercising control or influence over someone; scheming; cunning; devious.	
Intelligent	Clever; sharp; quick-witted.	
Ambitious	Having or showing a strong desire and determination to succeed.	
Insensitive	Showing or feeling no concern for others' feelings; blasé.	
Persistent	Continuing with something despite obstacles	

2. Structure of a	Short Story:
Opening	An opening establishes the following: the narrative voice (perspective or POV the story is told)/ person; setting- place, time, atmosphere/ mood, main character.
Development	The development is when the story develops in terms of the following: character, situation, relationships.
Complication/ Problem	A Complication/ Problem is encountered by a character and shows a character trying to overcome it.
Climax	A Climax is where all the action takes place and the emotions are at their highest; often there is conflict between people.
Resolution	A Resolution is where the story is either resolved or not. A character often realises something about themselves, a relationship, society.

3. Key Vocabul	ary:
Convention	A typical feature/ characteristic that indicates the genre of a text.
Analyse	To carefully study something; consider it in detail.
Protagonist	The central character in a text.
Antagonist	A person who actively opposes or is hostile to the main character.
Conflict	A struggle, disagreement or argument against an opponent, self, thing or force.
Symbolism	The use of a person, situation or object to represent an idea.
Culture	The ideas, customs, and social behaviour of a particular people or society.
Moral	Noun: a lesson that can be derived from a story or experience. Adjective: concerned with ideas of 'right' or 'wrong' behaviour.
Ironic	When something is the opposite to what you expect.

Subject: Mathematics

Rounding (to different degrees of accuracy)

* 5 and up rounds up *

24.356 (To the nearest integer)

As an integer is a whole number, draw your rounding line at the decimal point. The 3 to the right rounds down so your answer is 24

24.356 (To 3 significant figures)

The number starts with a non-zero digit so you count 3 numbers in from the left. Draw in your rounding line and as the 5 to the right rounds up, the 3 becomes a 4.

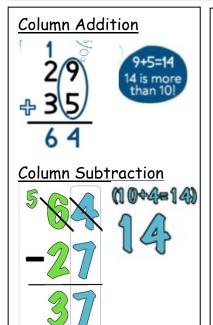
The result is 24.4

24.356 (To 2 decimal places)

Count 2 places from the decimal point and draw in your rounding line. The 6 to the right of the line rounds up, so the 5 becomes a 6. Your answer is 24.36

Draw in your line then check the number to the right

Subject Terminology		
Integer	A whole number, without a decimal or fraction	
Degree of accuracy	A measure of how close a stated value is to its true value	
Decimal place (d.p)	The places to the right of the decimal point, e.g. 0.23 has 2 d.p	
Significant figure	The number of digits in a value, counted from the left starting with the first non-zero digit	
Unit (of measure)	The types of measurement; e.g. cm, kg, km	
Factor	A number that divides into another number without a remainder	
Multiple	The result of multiplying a number by an integer	
Prime	A number with 2 factors, 1 and itself	



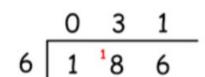
Written methods Multiplication (Grid method)

5 x 26. The 26 is broken into 20 and 6. These numbers are multiplied as shown.

×	20	6
5	100	30

The results are then added, 100 + 30 = 130.

Division (Bus stop)



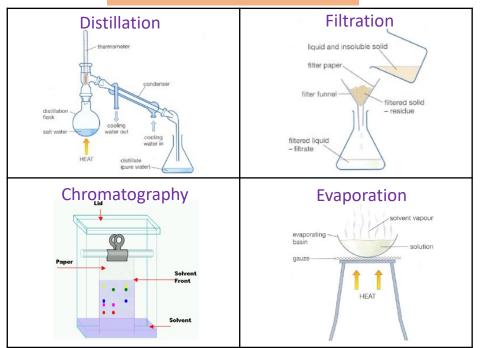
6 doesn't divide into 1, so the

1 carries.

6 divides into 18, 3 times.

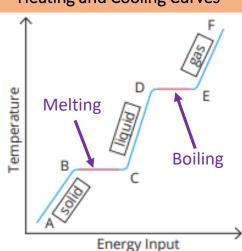
6 divides into 6, once.

Separating Mixtures

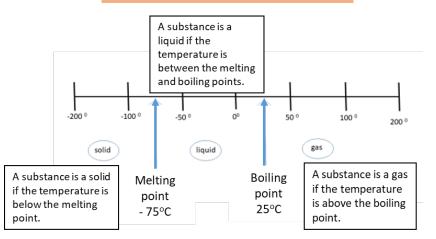


Subject Terminology	<u>Definition</u>
Melting point	The temperature when a solid turns into a liquid.
Boiling point	The temperature when a liquid turns into a gas.
Solute	The solid that dissolves in a solvent.
Solvent	The liquid a solute dissolves in.
Solution	A mixture formed when a solute dissolves in a solvent.
Chromatography	A separation technique uses to separate mixtures of liquids that are soluble in the same solvent.
Distillation	A technique used to separate liquids with different boiling points or to collect water from a solute.
Filtration	A way to separate a liquid and an insoluble solid.
Evaporation	A technique to separate a solid dissolved in a liquid.

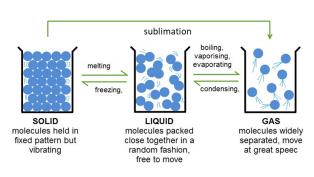
Heating and Cooling Curves



Predicting States of Matter



The Particle Model and Changes of State



Half Term 1

Continent	Area (millions of Km2)	Millions of people
Asia	44.6	4300
Africa	30.1	1111
North America	24.5	565
South America	17.8	407
Antarctica	13.2	0
Europe	9.9	743
Oceania	8.1	38

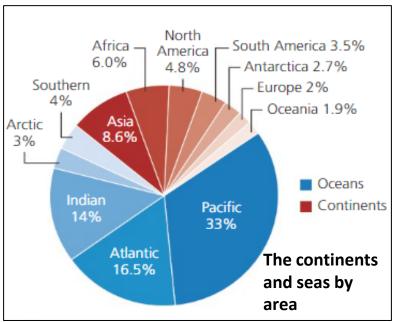
Human geography	The study of societies, cultures and economies.
Physical geography	The study of landscapes and environments
Environmental geography	The study of how humans impact the Earth.
Urban Area	A built-up area such as a town or city
Rural Area	An area of countryside.
Ordnance Survey (OS)	Great Britain's national mapping agency
Spot heights	A black dot on a map with height in metres next to it
Contour Lines	These are lines drawn on maps that join places of the same height. They are usually an orange or brown colour. Some contour lines have their height above or below sea level written on them

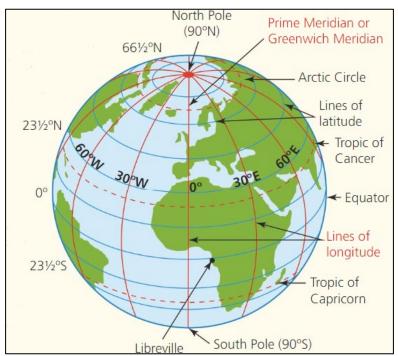
How do grid references help me find places?

A four-figure grid reference is a handy way of identifying any square on a map. Grid references are easy if you can remember that you always must go along the corridor before you go up the stairs. To find the number of a square first use the eastings to go along the corridor until you come to the bottom left-hand corner of the square you want.

Write this two-figure number down. Then use the northing to go up the stairs until you find the same corner. Put this two-figure number after your first one and you now have the four-figure grid reference, for example 6233.

Geography: What is a Geographer?





400 – 1066 Anglo-Saxon England			
400 AD	The Romans leave Britain. Germanic groups such as the Angles,		
	Saxons and Jutes begin attacking Southern Britain.		
	The Britons couldn't defend themselves easily.		
600 AD	The Anglo-Saxons had created the Heptarchy, a series of 7 Anglo-		
	Saxon Mini-Kingdoms.		
	Christianity was introduced.		
973 AD	Slowly the small Anglo-Saxon Kingdoms joined each other – in 973		
	Edgar was crowned King of the English. England was born!		
8 th - 11 th	Vikings attacks England and even briefly rule under King Cnut from		
Centuries	1016 to 1035.		

After the last Roman soldiers left Britain in AD410 some new invaders came across the North Sea.

Historians refer to these people as the Anglo-Saxons. They were a mixture of people from (modern day) Holland, Germany and Denmark.

The new settlers were mainly Angles from Southern Denmark, Jutes from Northern Denmark and Saxons from Germany/Holland.

Christianity spread in England during the Anglo-Saxon period.

They came to fight - Some Anglo-Saxons

were warriors who enjoyed fighting. They

They came to make new homes – Whole

farm animals with them and built villages with

families set sail across the sea to live in Britain. They brought tools, weapons and

beat without the Romans around.

new homes.

thought the Britons were weak and easy to

Why did they come?

there.

Mercia East Anglia. Wessex	KEY Areas of Britain the settlers occupied Angles Jutes Saxons

They came to farm - Many Anglo-Saxons

came peacefully to find land to farm. Their

so it was tough to grow enough food back

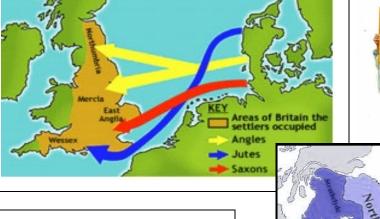
They were invited – With Picts and Scots

attacking from the North and Scotland in

the early 400's, the Britons invited some Anglo-Saxons to help defend them.

But they didn't leave! They took over.

homelands in Scandinavia often flooded





TECHNICAL VOCABULARY		
Sources	Something that tells us about history. It may be a document, a book or an object.	
Interpretation	When a certain historical event is described from different points of view.	
Anglo-Saxon	People who settled in England after the Romans left.	
Viking	Pirates from Denmark and Norway who raided and settled in many parts of Europe.	
Oath	A promise of loyalty made before God.	
Pagan	A person who worships many different Gods, rather than one.	
Witan	The name for the Government/Advisors in Anglo-Saxon times.	
Thegn	A local Lord during the Anglo-Saxon period.	
Tithing	A group of 10 households who have the responsibility to ensure no crimes are	
	committed in the village.	
Fyrd	Men of the Anglo-Saxon Army. Usually famers.	

Viking assault on the island of Lindisfarne (Holy Island) off the	Look at the sources below. How convincing are they in telling us about what happened at	
coast of what is now	Lindisfarne? Is there any bias we have to	
Northumberland.	consider?	
The Monastery at Lindisfarne was	12 th Century chronicle "Historia Regum	
the famous centre of Christianity in	(History of Kings):	
the Kingdom of Northumbria.	Pagan invaders "laid everything waste with grievous plundering, trampled the holy places	
The event sent tremors throughout	with polluted steps, dug up the altars and	
English Christendom and marked	seized all the treasure of the holy church	
the beginning of the Viking Age in	dragged many of the brothers of the	
Europe.	monastery away in chains and drowned others	
Luiope.	in the sea"	
		
The sources demonstrate that the	Northumbrian scholar Alcuin, in letters to both	
event was terrifying to English	the King of Northumbria and the Bishop of	
Christians not only because of the	Lindisfarne:	
great violence inflicted but because	The church was "spattered with the blood of	
a Christian sanctuary was	the priests of God, despoiled of all its	
vandalized by a pagan people.	ornaments and the pagan offenders	
	trampled on the bodies of saints in the temple	
	of God like dung in the street."	

Lindisfarne Raid 793

	Kingdoms in Anglo-Saxon Britain			
<u>Mercia</u>	Wessex	<u>Northumbria</u>	Est Anglia	<u>Danelaw</u>
Mercia was a large Anglo-Saxon Kingdom in the Centre of England. This surrounded the River Trent and Yorkshire.	Wessex was an Anglo-Saxon Kindom in the South of England. A rich and powerful Kingodm, and many Wessex Kings such as King Alfred the Great became famous in history.	Northumbria is found in the North of England. This kingdom would include both Durham and Newcastle.	East Anglia was an independnet Kingdom found in the East of England. It was founded by the Angles after the settlement of the Anglo-Saxons.	After Alfred the Great defeated the Vikings in 878 AD, the Vikings were forced to sign a treaty where they agreed to stay in an area of land in the North. This area became known as Danelaw.

How did Anglo-Saxon England go from a Heptarchy (7 kingdoms) into a unified country? St Augustine arrived in England in 597 to try to convert the Anglo-Saxon Kings to Christianity. St Augustine was known as a religious missionary.

The Romans leave Britain and Germanic groups, such as the Angles, Jutes and Saxons begin attacking Southern Britain.
The Vikings came from Scandinavia. Historically, they were defined as brave explorers, smart traders and brave warriors.

INVASION

POLITICAL REFORM

MONARCHY

RELIGION

Anglo-Saxon England
HISTORICAL SUBSTANTIVE CONCEPTS

IDEOLOGY

Investigate the changes in how England was ruled by the Anglo-Saxon's and consider how the Vikings changed Britain.

CONFLICT

Many Anglo-Saxon's were warriors who enjoyed fighting. They fought the Britons were weak and easy to beat without the Romans around. What do the Vikings attacks on Lindisfarne and the Staffordshire Hoard tell us about the Vikings?

REVOLUTION

Many Anglo-Saxons were unhappy with William the Conquerors high taxes and brutal methods for keeping control.

Numerous rebellions and uprisings occurred throughout England that led William to punish the Anglo-Saxon. The most famous example is Harrying of the North were he murdered between 100,000 to 150,000 Anglo-Saxons.

TAX & ECONOMY

¿Qué te gusta estudiar?

¿Cuál es tu asignatura preferida?

Week 1

OPINION	NOUN
Me encanta(n) = I love	el inglés = English
Me chifla(n) = I love	el dibujo = art
Me mola(n) = I love	el español = Spanish
Me gusta(n) mucho = I really like	el alemán = German
	el francés = French
	el comercio = business studies
Me gusta(n) = I like	el teatro = drama
Me interesa(n) = I'm interested in	la cocina = food technology
	la biología = biology
Me da(n) igual = I don't care about	la química = chemistry
No me importa(n) = I don't care about	la física = physics
	la religión = RE
No me gusta = I don't like	la informática = ICT
No me gusta(n) nada = I really don't like	la historia = history
	la música = music
Detesto = I hate	la geografía = geography
Odio = I hate	la educación física = PE
	la tecnología = technology
	las ciencias = science
	las matemáticas = maths
No aguanto = I can't stand	las asignaturas = subjects

Week 2

CONNECTIVE	ADJECTIVE
	aburrido/a/os/as = boring
porque es /son = because it is	bueno/a/os/as = good
	divertido/a/os/as = fun
dado que es/ son = because it is	obligatorio/a/os/as = compulsory
	entretenido/a/os/as = entertaining
puesto que es /son = because it is	educativo/a/os/as = educational
	estupendo/a/os/as = great
ya que es / son = because it is	interesante(s) = interesting
	emocionante(s) = exciting
aunque es /son = although it is	importante(s) = important
	fácil /faciles = easy
y = and	útil /utiles = useful
	inútil / inutiles= useless
pero = but	difícil / dificiles = difficult
	fenomenal(es)= great
también = also	genial(es) = great







Week 3 Week 4

CONNECTIVE	VERB	NOUN
Siempre = always	estudio = I study	en la biblioteca = in the library muchas asignaturas = lots of subjects
Casi siempre = almost always	escucho = I listen	al profesor = to the teacher a la directora = to the head teacher música = music
Normalmente = normally	hablo = I speak	con mis amigos = with my friends con mis compañeros = with my friends
A menudo = often	veo = I watch	un vídeo = a video
A veces = sometimes	leo = I read	un libro = a book en la biblioteca = in the library
De vez en cuando = sometimes	como = l eat	en la cantina = in the canteen un bocadillo = a sandwich una pizza = a pizza chicle = chewing gum
Rara vez = rarely	bebo = I drink	en clase = in class en el laboratorio = in the laboratory agua mineral = water una limonada = a lemonade un zumo de naranja = an orange juice
Nunca = never	escribo = I write	en mi cuaderno = in my exercise book en mi agenda = in my planner

CONNECTIVE	VERB	NOUN
Siempre = always	estudiamos = we study	en la biblioteca = in the library muchas asignaturas = lots of subjects
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Half-Term 1 Subject – Dance – Year 7 – Cartoon Capers

CARTOON CAPERS

The name of the **cartoon** means that the events in the **cartoon** represent mischief, as the informal meaning of **Caper** is "a ridiculous activity".



5 KEY DANCE ACTIONS

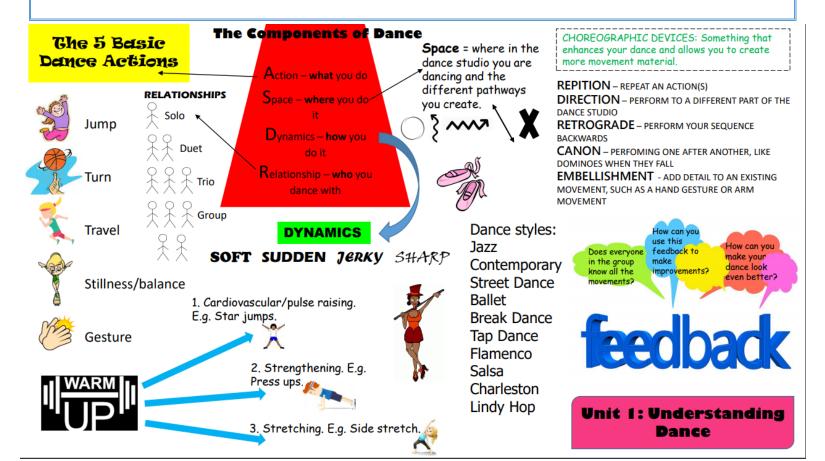
JUMP: It is very rare for a dance to be completed all on one level and jumping allows the performer to create flight and dynamic movement into the sequence.

TURN: All dances require different types of turns, on different levels and sometimes around different axes.

TRAVEL: This can involve the stationary movement of body weight from one part of the body to another or the travelling movement of a person or group from one area to another.

STILLNESS: By holding a specific pose, the performer or group are creating a shape that reflects the music or genre of the sequence.

GESTURE: It is when you move a part or the whole of your body but not using your weight, e.g. stretching, bending and twisting.



SUBJECT TERMINOLOGY		
5 Dance Actions	Jump, turn, travel, gesture, stillness	
Elements of Dance	They make up the foundation for every dance style. Action, space, dynamics, relationships	
Action	The movement which is performed by the dancer	
Space	Where the dancer moves e.g. pathways, levels, directions, size of movements, patterns,	
Dynamics	How the dancer moves e.g. fast/slow, smooth/sharp	
Relationships	Who the dancer with and the way they move together e.g. lead and follow, mirroring, in formation, complement and contrast	
Stimulus	Something that provokes an idea for a dance piece	
Canon	When a dance action is performed one after another	
Unison	Is to perform the same movement at the same time	
Choreography	To create your own sequence of movements	
Performance skills	Is being ready to perform in your starting position, not fidgeting, giggling, talking during the performance and holding your ending position after you have performed	
Facial Expression	Use of the face to show mood, feeling or character	

ELEMENTS OF DANCE

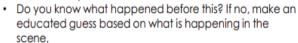
The Elements of Dance are the foundational concepts and vocabulary that help students develop movement skills and understand dance as an artistic practice. This framework is a way to discuss any kind of movement. While different dance styles call for specialized skills and stylization choices, the underlying elements of dance are visible in all dance experiences. In order to understand and talk about the Elements of Dance, we need to first be able to describe what we see and hear when we watch a video or a live presentation of dance. Sounds simple, right? But describing something without judgment or personal opinion is hard. People quickly form opinions about a new experience and students may jump right away to a personal reaction or a perceived meaning. Learning to slow down and simply describe what we notice is the first step in examining dance.

Approaching a script

How to approach a script using prior context:

Ask yourself the following questions:

- Who is my character?
- What is their age?
- Where are they right now?
- · Who are they with?

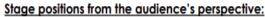




How to infer what a character is thinking or feeling through subtext:

"Yeah, I'm just great thanks, Ron" She said sarcastically as she rolled her eyes

she rolled her eyes.
Stage directions often tell us exactly what we looking for.



Upstage	Upstage	Upstage
Right	Center	Left
Stage	Stage	Stage
Right	Center	Left
Downstage	Downstage	Downstage
Right	Center	Left
	APRON	Proscenium Line

Steps to a good performance.

Collaborate as a group and discuss initial ideas

Use the script to decide on what happened before this scene

Use Facial expression, gestures, vocal tone and movement to create a believable character

Perform confidently

Subject Terminology Using posture or movement to **Body Language** communicate how your character is feeling. Collaboration Working together as a group to create something new Communication Exchanging information through speaking, writing, or non-verbal communication. Concentration Focussing on the set task. Facial Expressions Showing your emotion through your face. Focus Not laughing while you are on stage and staying in character. Using your hands to show the audience Gestures where to look through pointing, waving Using a loud volume to make sure you are Projection heard. Stage Positions Where you stand on stage to determine your status at any given time. Vocal Tone Showing emotion through your voice.

Exploring the Elements of Music



A. Pitch

The highness or lowness of a sound.



B. Tempo

The **speed** of a sound or piece of music.

FAST: Allegro, Vivace, Presto **SLOW:** Andante, Adagio, Lento

GETTING FASTER -

Accelerando (accel.)

GETTING SLOWER -

Ritardando (rit.) or Rallentando (rall.)







C. Dynamics

The volume of a sound or piece of music.

VERY LOUD: Fortissimo (ff)

LOUD: Forte (f)

QUITE LOUD: Mezzo Forte (mf) QUITE SOFT: Mezzo Piano (mp)

SOFT: Piano (p)

VERY SOFT: Pianissimo (pp)

GETTING LOUDER: Crescendo (cresc.) GETTING SOFTER: Diminuendo (dim.)



D. Duration

The length of a sound.



E. Texture

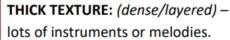
How much sound we hear.

THIN TEXTURE: (sparse/solo) – small amount of instruments or melodies.









F. Timbre or Sonority

Describes the unique sound or tone quality of different instruments voices or sounds.



Velvety, Screechy, Throaty, Rattling, Mellow, Chirpy, Brassy, Sharp, Heavy, Buzzing, Crisp, Metallic, Wooden etc.

G. Articulation

How individual notes or sounds are

played/techniques.

LEGATO – playing notes in a long, smooth way shown by a **SLUR**.

STACCATO - playing notes in a short, detached, spiky way shown by a **DOT**.

H. Silence

The opposite or absence of sound, no sound. In music these are **RESTS**.





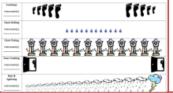
I. Notation

How music is written down.

STAFF NOTATION – music written on a **STAVE** (5 lines and spaces)

GRAPHIC NOTATION/SCORE – music written down using shapes and symbols to represent sounds.





J. How Music Works

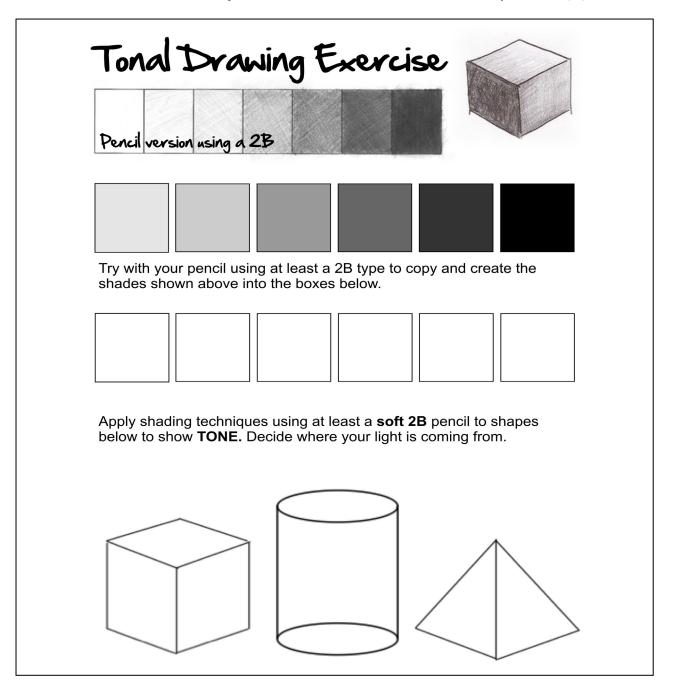
Music can create an **atmosphere** or **ambience** e.g., supermarkets and restaurants.

Music can create an **image** e.g., in response to art, a story, a poem, a character, a situation – this is called **PROGRAMME MUSIC**.

Music can be **calming** *e.g.*, *end of an evening in clubs and bars*.

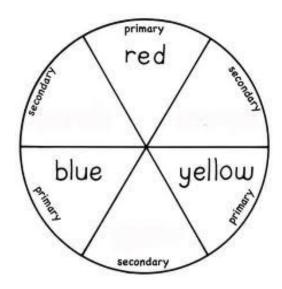
Music can be used for spiritual reasons e.g., worship, meditation, reflection, hymns and chants, yoga, and spiritual reflection.

Music can be used for **commercial** purposes *e.g.*, *advertising*, *TV themes*.



TECHNICAL VOCABULARY		
Line	A continuous mark made with a pencil, pen or brush etc.	
Tone	The lightness or darkness in a picture or of a colour	
Form	3D shape	
Colour	A hue created by light reflecting off a surface	
Shape	A series of lines that form the outline	
Size/scale	How big or small something is.	
Texture	How something feels or looks e.g. rough, smooth, furry etc.	
Pattern	A single or repeated design of shapes	
Perspective	The illusion of distance and depth in an image	
Composition	How objects, shapes and patterns are arranged	

Colour Wheel



What colours should go in the missing gaps?

What makes the primary colours different to the secondary?

Add colour to the wheel as carefully as possible.

Health and safety		
Apron	Keep clean and reduce impact of something coming into you.	
Goggles	Protect your eyes when using machines.	
Hazzard lines	Only one person to be these black and yellow lines when operating the machine.	
Ear defenders	Protect your hearing from using loud machines.	
Bags in the rack	To avoid others tripping over them.	
Ties and jewellery tucked away	Ensuring they don't get caught in tools.	
Long hair in a hair band	Avoid it getting caught in machines.	
No running	Avoid trips and falls and maintain a calm environment.	
Question	Ask before using machines. Any questions, if in doubt – DON'T	

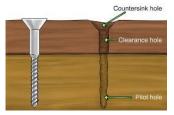
Marking and measuring out tools		
Sharp pencil To make a mark .		
Metal rule Used to measure.		
Tri square	Producing parallel lines.	

Removing excess material	
Chisel and mallet	Removing area in wood.
Vertical sander	Shaping and make sides flat.
Glass paper	Making surfaces smooth.

Cutting materials Cutting wood in a Tenon saw straight line.

Making holes	
Cordless drill	Making clearance and pilot holes.

DESIGN



Counter sink is used to berry the head of the screw to make it flush

Clearance is needed to allow the screw to pass through the material without resistance.

Pilot hole is important to guide the screw into the material. This will stop the wood from splitting.

Motion



Moving forward

in a straight line



Moves back

and forth in a

straight line



Moves round.

backwards





Moves round in one





if dropped will shatter.





- Motion can be converted into different types of motion.
- The most common conversion is Rotary to liner.

Adhesives PVA – wood to wood Tensol 12 – Acrylic to acrylic

CAD - Computer Aided Design CAM – Computer Aided Manufacturer

Pro's to CAD CAM
Accurate drawings and manufacture.
Quick to manufacture a product.
Can make in one off, batch and mass production.
Can manipulate and develop ideas with ease.
Library of tools.
Realistic work can be produced with models being made

_	
	Con's to CAD CAM
	Expensive to buy equipment.
	If computer go down then no work can be done.
	Engineers to fix equipment are expensive and can take time.

Spruce is a type of pine, that belongs to softwood. It is a sustainable wood that takes 10 years to grow. Used in construction and to make cheap furniture

Oak is a Hardwood that is very expensive. This is used to make high end furniture

MDF is made from wood particles, glue and is fairly cheap. Mainly used for flat packed furniture. Acrylic is a versatile plastic that comes in a range colours. It has a shinny surface and can be bent. It is brittle and

Eating seasonally	Advantages A larger variety of fruits and veg to eat It benefits fussy eaters Increased chance of getting the required nutrients Support poorer countries Can make a wider range of dishes Can reproduce dishes from abroad	
 Advantages It's cheaper to buy as there is more of it Supports local farmers Reduces the carbon footprint Reduces waste and packaging Less lorries on the Road It's picked when it's ripe, fresher More nutrients and flavour 		
 Disadvantages Do not get the variety of food to eat Not supporting poorer countries Need to be quite imaginative We don't get to try as many foods If the crop is poor, the price goes up A lot pressure on the farmers to produce enough food 	 Disadvantages The food is more expensive as there is less available More packaging, more waste The food is more expensive as there is less available It's not as fresh, it's picked before it's ripe The distance it travels will leave a large carbon footprint 	

TECHNICAL VOCABULARY	
Sustainability	Causing minimum damage to the planet to
	lengthen the time of our resources/food
Carbon footprint	The amount of carbon dioxide used from field
	to fork. Energy required from picking to eating
Food miles	The distance our food has travelled to get to our plates "field to fork"
Exotic fruit	Fruit which can only in its country of origin
Staple crop	A crop such as wheat which is grown in
	abundance in that country UK-Wheat; Costa
Seasonal produce	Food that grows in specific seasons of the year-
	Strawberries-summer
Import	Products we get from abroad that we can't
	grow here, such as bananas
Export	Foods that are grown here and exported
	abroad like apples, pears, potatoes
Shortening	Coating flour in fat by rubbing in to inhibit the
	gluten strands, keeping them short.

Food Technology HT1

Practical Knowledge

Knife skills

- Julienne- Matchsticks- salad, stir-fry
- **Brunoise** Chopped match sticks- soups, sauces
- Jardinere- Batons- dipping, steaming
- Macedoine- Soups and salads
- Paysanne- Sliced on profile, most common

Purpose

- Aesthetically pleasing
- Easy to serve equal portions
- Enables everything to cook equally
- Good portion control
- Gives a variety of textures
- Allows a variety of cooking methods to be used

Knife Safety

- Always use bridge and claw grip
- Use the right size knife for the job
- Ensure they are stored in a knife block
- Do not leave knives in soapy water, wash them first.
- Make sure handles are grease free
- Do not put them in a drawer, return to the knife block
- Ensure they are sharpened regularly
- Walk with the point downwards

Oven safety rules

- Always use oven gloves
- Match the right size pan to the ring
- Put pan handles to the side
- Do not leave cooking food unattended
- Always stir using a wooden spoon
- Never put a pan with oil in on the heat unattended
- Do not overfill a pan
- Always turn the oven off when cooking is completed
- Do not wipe hob until it has cooled down
- Always shut oven door

Grow your own fruit and vegetables



Economic Benefits:

- Saves you money, don't need to buy as much
- Not spending as much money on transport

Environmental:

- No carbon footprint or packaging
- You know where the food has come from
- There are no pesticides on them
- Encourages wildlife into your garden

Health Benefits:

- It's healthy as it gets you outside and exercising
- It's good for your mental health

HT1 YEAR 7 Subject RE: Stories from ancient religions

	Judaism 🔯
What is Judaism?	Judaism is the name of the religion, and its followers are known as Jews. Judaism began around 4,000 years ago when the Prophet Abraham received a vision from God. The early Jewish people were called the Hebrews or the Israelites.
What do Jewish people believe?	Jews believe that there is only one God, with whom they have a special agreement called a covenant. They believe in God who created everything and who wants humans to live their lives following God's rules, called commandments. Jews promise to obey God's laws to say thank you to him for looking after them.
Who are the key people in Jewish stories?	Some of the important prophets are Noah, Abraham and Moses. Jews believe that each of them have important things to teach them about the covenant between God and the Jewish people. They show that God loves his people and wants to be them to choose to follow Him.
Noah	After God created the world, people turned away from God and the way he expected them to live. One man, Noah, and his family remained righteous and loyal to God. They were worthy of being saved and they would start the world again afresh. God told Noah that a flood was coming to wipe out everything and that Noah should build an Ark to house his family and some animals. God said that if people had stopped being evil, then they would have been saved. But the rain fell for 40 days and nights, and water covered the land for over a year. Noah and his family were saved.
Abraham	Abraham stood up to idol worship, child sacrifices, and violence, supposedly to please God. He taught the world about the One God, the creator of heaven and earth. Abraham was told to leave his homeland and travel to the Holy Land of Israel. In Israel, he would become the "father of many nations" and have a special relationship with God called a covenant. After his wife had had a son, called Isaac, Abraham was challenged to sacrifice Isaac to God. Abraham was willing to do it, but God stopped him. It was really a test of Abrahams commitment to God.
Moses	Moses was the leader of the Israelites, who had become slaves in Egypt. God told Moses to instruct the Pharaoh (the King of Egypt) to let the Jews go free to worship God. The Pharaoh refused and was punished by God with 10 plagues. The last plague was the death of every firstborn child as a punishment for hurting "God's firstborn" (the Israelites). The day after the tenth plague, the Israelites walked to freedom. Seven weeks later, the Jewish people stood at Mount Sinai ready to receive the laws from God, including the Ten Commandments. The story teaches that God will use imperfect people who listen to God and do what is asked of them.

	Buddhism 🙀
What is Buddhism?	The religion based on the teachings of the Buddha is known as Buddhism. The Buddha was born with the name Siddhartha Gautama and lived about 2500 years ago. He became enlightened, meaning that he found a way to free himself from the cycle of desire and suffering.
What do followers of Buddhism believe?	Buddhist believe that you are reborn after you die into a new body, and this repeats until you reach enlightenment. This cycle of life, death, rebirth is called samsara. They believe that how you live your life will effect your rebirth.
Who are the key people in Buddhist stories?	The Buddha is a key figure in many stories in Buddhism, as they show Buddhists some of his teachings. Siddhartha Gautama was a prince born in India. He became the first Buddha. After he was born a wise man prophesised that if he saw suffering he would leave the palace in search for answers. His father tried to hide all suffering from the Prince as he grew up. Once he had become an adult, however, he left and saw the Four Sights.
What were The Four Sights?	 Old man Sick man A dead man and people mourning A holy man After seeing these things Siddhartha renounced (gave them up) his family, belongings and life in the palace in search for the meaning of life, answers to questions like why do we suffer?

TECHNICAL VOCABULARY		
D. I		
Religion	A system of faith and worship.	
Myth	A traditional story about the early history of a people and typically involving supernatural beings or events	
Story	An account of imaginary or real people and events	
Prophecy	A prediction of what will happen in the future	
Prophet	A person who tells a prophecy.	
Theism	The belief in God or gods.	
Monotheistic	The belief in one God.	
Polytheistic	The belief in many gods.	
Non-theistic	Not having a belief in a God or gods.	
Tri-murti	The three main Gods in Hinduism – Brahma; Vishnu and Shiva.	

35	Hinduism 🕉
What is Hinduism?	Hinduism can be defined as a collection of the religion, culture and philosophy of ancient India.
What do Hindu people believe in?	Hindus view the entire universe as God's and everything in the universe as God. Each person is divine and the purpose of life is to seek and realise our divinity.
Who are the key people in Hindu stories?	The Hindu Trimurti includes Brahma (the creator); Vishnu (the preserver) and Shiva (the destroyer). There are at least 33 Gods and Goddesses (Kotis) in Hinduism and all have their own story/
Rama and Sita	This story is connected to Diwali the festival of light. This story is important as it teaches us that good is more important than evil, it looks at the importance of perseverance and commitment especially to those we care about. The story is concerned with Prince Rama rescuing his wife Sita from the demon king Rama with the help of the monkey god Hanuman.
Ganesha	Goddess Parvati created lord Ganesh to guard her in the absence of Lord Shiva, he was guarding the door and refused to let Shiva in; Shiva was annoyed, and he cut off the boy's head! Parvati explained to Shiva that this boy was their child and she threatened to destroy the universe unless Shiva revived him. Shiva wanted to complete his wife's request but couldn't restore the child to his original form, so they looked for an orphaned animal – they found an elephant calf. Shiva placed this head on the boy, and he became the God of wisdom and intellect and the remover of obstacles.

Save/Open

Table

Subject: Computing

Box 1

Word	Teams
W	
Microsoft Word or MS Word is a popular word- processing program used mainly for creating documents, such as brochures, letters, learning activities, quizzes, tests, and students' homework assignments.	Microsoft Teams is a communication and collaboration platform that combines persistent chat capabilities, video conferencing, file storage, and integration with many other Microsoft programs.
PowerPoint	Outlook
P	
Microsoft PowerPoint is a software application that is particularly used to present data and information by using text, diagrams with animation, images, and transitional effects, etc in the form of slides.	Outlook allows you to send and receive email messages, manage your calendar, store names and numbers of your contacts, and track your tasks.

Word Processing

Word processing software like word can be used to create a variety of documents including letters and reports effortlessly, allowing you to add color and clip art.

Microsoft word offers you specialized tools for designing your document in different ways; perform spelling and language structure check to produce standard and mistake free document

Some of the benefits are:

- Easy to correct mistakes.
- You can save your work and come back to it later.
- Many handy features available e.g., Borders, text layout.
- Useful tools such as spell checker, grammar checker available to improve the quality of your work.
- Plenty of professional quality document templates available online.
 Can import data from a database and use it to create mail merge.
- However, word processing software does have some disadvantages like:

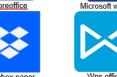
You need to have access to a computer which has word processing software

- It takes time to learn to use the program effectively.
- . If you want to write something down quickly, it can take more time to switch the computer on, open the word processor and set up the document.
- · Sometimes pen and paper is faster.
- People can become reliant on using the word processor and their handwriting skills can deteriorate.
- People can become reliant on the spell checker and not proof-read their work

Some examples of word processing programs are:









Box 3

Formatting

Document formatting refers to the way a document is laid out on the page for instance how it looks, visually organised. Formatting also covers elements like:

- Font selection,
- Use of emphasis with bold or italics.

Other formatting techniques also involves:

- how the document is spaced,
- uses margins,
- alignment,
- columns,
- indentation,
- list and many more.

	, ,
Username	A Username is a special name given to a person to uniquely identify them on a computer network. Also called account names, login IDs, or user IDs, usernames are given to a person by the network administrator, or they are selected by the user.
Password	A word, phrase, or series of letters, numbers, and symbols a user chooses and keeps secret from others to be able to access their own information or account. Commonly passwords are used for a variety of activities like logging onto school computers and pupils email accounts. Never give out your password to people you don't know.
List	A list is a series of items preceded by a bullet or number. You can apply bullets or numbers to a list, as well as modify the bullet type or numbering format to suit the requirements of the document.
Alignment	Text alignment is a paragraph formatting attribute that determines the appearance of the text in a whole paragraph. For example, in a paragraph that is left-aligned (the most common alignment), text is aligned with the left margin.
Word Processor	A word processor is a type of software application used for composing, editing, formatting, and printing documents.
PowerPoint	A software package designed to create electronic presentations consisting of a series of separate pages or slides.
Email	E-mail is an important form of fast written communication that allows people to contact one another and share information all over the world. An e-mail message can contain text, sounds, images, or videos.
Formatting	The way a document is laid out on the page and how it appears e.g., font selection, font size and presentation (like bold or italics), spacing, margins, alignment, columns, indentation, and lists.
Copy/Paste	To copy (information in a computer document) and put it somewhere else in the document.
Import	To open a document which has been created in a different program e.g., word.
Export	To save a copy of the current open document, database, image, or video into a file format required by a different application
Teams	A workspace for real-time collaboration and communication, meetings, file, and app sharing, and even the occasional emoji
Font	A set of printable or displayable typography or text characters in a specific style and size.

Box 2

TECHNICAL VOCABULARY

To copy the document, record or image being worked on to a storage medium. Opening a file lets you resume working on a document that you have saved from earlier or that someone else has created and shared with you.

Box 4

File	Folder				
There are many different types of files you can use. For example, Microsoft Word documents, digital photos, digital music, and digital videos are all types of files. You might even think of a file as a digital version of a real-world thing you can interact with on your computer. When you use different applications, you'll often be viewing, creating, or editing files.	Windows uses folders to help you organize files. You can put files inside a folder , just like you would put documents inside a real folder. In the image below, you can see some folders on the desktop.				







A table is a grid of cells arranged in rows and columns.



























Documents

Downloads

Half-Term 1: Subject – PE – Year 7 – Badminton

A game can take place with either two (singles) or four (doubles) players.

Rules of the game

A serve must be hit underarm and below the server's waist. No overarm serves are allowed.

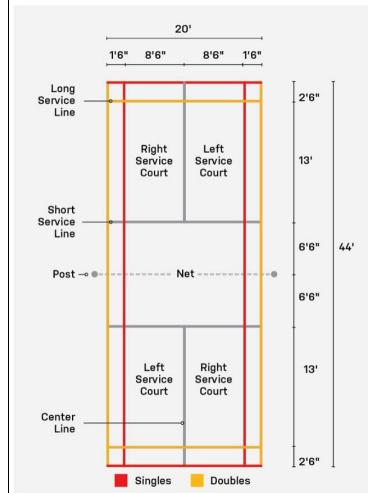
To score a point the shuttlecock must land within the parameters of the opponent's court.

If the shuttlecock hits the net or lands out, then a point is awarded to your opponent.

Badminton is played using a long and thin handled racket and a shuttlecock.







The court

When playing singles, the court is long and thin.

When playing doubles, the court is short and fat.

Serving

Each point starts with a serve which can either be using the backhand technique or the forehand technique.

Key Terms

Clear

This is a shot aimed towards the back of the court using a fully extended arm to hit the shuttlecock above your head.

Lift

This is a shot aimed towards the back of the court using a fully extended arm to hit the shuttlecock when it is low to the ground.

Drop Shot

This is a shot where you aim to drop the shuttlecock just over the net.

Smash

This is a shot where you smash the shuttlecock over the net towards the ground.

Shot selection/Tactics

You want to place your shot within the parameters of the court but as far away from your opponent as possible. You would choose to play a longer shot if they are at the front of the court and a shorter shot if they are at the

back.

Half-Term 1: Subject - PE - Year 7 - Netball

Rules of the game

<u>Start of play</u> the attacking C has the ball with at least one foot in the centre circle. When the whistle is blown the centre pass must be caught within the centre third.

Out of Court if it makes contact with the ground or any object/person in contact with the ground outside the court.

<u>Scoring a goal</u> only GA and GS can score a goal in the shooting D.

<u>Footwork</u> the landing foot is the first foot to make contact with the ground. If a player already has one foot in contact with the ground when catching the ball this is their landing foot. If the player lands simultaneously with both feet, then whichever foot is not moved is their landing foot.

Held Ball if you hold the ball longer than 3 seconds

<u>Obstruction</u> a player may not defend a player with a ball if they are within 3 feet of the landing foot.

<u>Contact</u> Netball is a contact-contest sport. When playing netball players may come into contact with other players however if contact is made either accidentally or deliberately, then the umpire will blow for contact.

Positions



<u>Goal Shooter (GS):</u> Works in and around the semi-circle with the GA to score goals

Goal Attack (GA): Works with GS to score goals

Wing Attack (WA): Flanks the offensive players giving them shooting opportunities

Centre (C): Links the defence and the attack

<u>Wing Defence</u>: Prevents WA from passing and to look for interceptions

<u>Goal Defence</u>: Intercepts the ball and prevent passes to the GA

<u>Goal Keeper</u>: Prevents the GA/GS from scoring goals within the semi-circle and works with GD

Strategies and tactics are the methods that performers use to maximise their chances of winning and outwit their opponents.

Passing

Chest Pass is a short sharp pass.



Kev Skills

Bounce Pass is a short pass that enables the player to find a teammate in a crowded area.



Shoulder Pass is a long pass.



Shooting the Goal Shooter (GS) and the Goal Attacker (GA) can shoot directly at the ring. Shooters must be inside the opponents' goal circle before they shoot.

Marking used by both teams to prevent the opposing team from gaining possession of the ball by closely monitoring each player.

Dodging is a sudden deceptive move often used to avoid the opponent. You can move from side to side to confuse the opponent before sprinting off to catch the ball.

Footwork in netball applies when a player is stepping, landing and pivoting.

Receiving is when both feet grounded or jump to catch the ball and land on two feet simultaneously. You may then take a step in any direction with one foot (but not both) and pivot on the spot with the other foot.

Starting secondary school comes with lots of new challenges, or things which might make you feel anxious. For example, you may feel worried about travelling to school a different way, making friends or getting used to a different amount of work.

Although these things can feel scary, there are things you can do to manage this, such as talking to a teacher or pastoral manager, or using the "three in, three out" breathing technique.

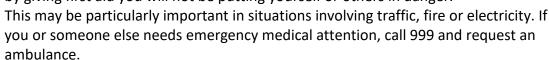




Healthy friendships are built on a variety of different qualities, such as **respect**, equality and compassion.

Using social media can help to strengthen friendships by allowing people to keep in touch even when they can't see one another face to face. However, if used incorrectly, social media can also damage friendships. When using any form of social media, it is important to ensure that it is age appropriate and that your privacy settings don't allow anyone other than people which you know to see information about you. Irresponsible use of social media can even have legal consequences – it is illegal to share an indecent image of a person under 18.

Knowing some basic first aid could help to save a person's life. However, before administering any first aid, it is important to assess the situation and make sure that by giving first aid you will not be putting yourself or others in danger.









As you start at Magnus Academy, you may be at an age where you are beginning to be more independent, and to do more things without a parent or carer.

This means you have an increased level of responsibility to keep yourself safe around hazards.

When you are around roads, it is very important to not be distracted by your phones or friends, and to look both ways before crossing. When you are a passenger, you must ensure that you are wearing a seatbelt and not distracting the drive. Never get into a car if you suspect the driver is under the influence of alcohol or drugs.

Railways can also pose a threat to your safety. When using a level crossing ensure that you wait for the signal to cross and always stay away from electrified train lines.

On average, 40-50 children in the UK drown every year. NEVER swim in water where signs are displayed advising you not to. Make sure you have the supervision of a parent, carer or lifeguard.

S	M	Α	R	Т
SPECIFIC	MEASUREABLE	ATTAINABLE	RELEVANT	TIME-BOUND
Define your	Decide how you	Set realistic	Ensure your	Set a clear
goal in detail.	will measure	goals that	goal is results-	deadline and
Be as specific as	success	challenge you,	oriented.	monitor your
possible		but are		progress.
		achievable		
G	0	Α	L	S



Goal setting is a worthwhile activity at any stage of life.

Topic: Transition and Safety

Learning how to set and achieve goals is a life skill that will serve you well no matter your future plans.

How do you set meaningful goals that you can achieve?

Many accomplished students and professionals rely on the SMART goal-setting method. This approach defines your purpose and sets clear objectives to establish success.

Further sources of information and advice.			
concern@magnusacademy.co.uk	This email address can be used if you have any concerns about a student at the academy and can also be used to report bullying.		
Childline.org.uk 0800 1111	Child Line is a service you can use if you are worried or need to talk to someone about pretty much anything. You can chat online, or on the phone. Phone calls are free and don't show up on the bill.		
Childnet.com	Organisation created to help young people stay safe online. You use their website to learn more about staying safe online.		
Thinkyouknow.co.uk	Contains information about how to stay safe and you can report any online behaviour which is making you uncomfortable.		
www.think.gov.uk	Government's road safety website. You can find loads more information here to help you stay safe as you travel.		
111	This is the number to call if you need medical help, but it is not an emergency.		
999	This is the number to call if you need the emergency service for something, such as ambulance, fir, police, or coastguard.		