

# YEAR 7 MASTERY SHEETS

BUILD ESSENTIAL KNOWLEDGE WEEKLY

## Half Term 5



**WESTFIELD  
ACADEMY**

**WEEK 1**

**WEEK 1**

<b>WEEK 1</b>					
<b>ENGLISH - The Hunger Games</b>		<b>MATHS - Geometry and Measures</b>		<b>Science – Atomic structure / Organisation</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
How old is Katniss?	16	What is area?	The number of square units inside a shape.	What is an element?	A substance that contains the same type of atom only.
Katniss can be described as cynical. <b>Define:</b> cynical	Finds it hard to trust.	What is the formula for the area of a rectangle?	Area = length × width	What is a compound?	A substance that contains two or more elements chemically bonded/combined
Katniss can be described as stoic. <b>Define:</b> stoic	A person who doesn't show their feelings.	What is the area of a rectangle with length 6 and width 4?	24	What is an atom?	Atoms are the smallest unit of matter that exists on its own
		What is the formula for the area of a triangle?	Area = $\frac{1}{2}$ × base × height	Where are a list of all the elements found?	Periodic Table
		Why do we use $\frac{1}{2}$ for triangles?	A triangle is half of a rectangle.	Name <b>three</b> subatomic particles	Electrons, protons, neutrons

**WEEK 1**

<b>GEOGRAPHY - Climate Change</b>		<b>RE - Islam</b>		<b>HISTORY - Jack the Ripper</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
1. What is climate change?	A long-term change in a region's average weather patterns.	What is Islam?	An Abrahamic monotheistic religion centred on the Quran and the teachings of Prophet Muhammad.	When did Victoria become Queen in Britain?	1837
2. Give two examples of weather patterns that can change.	Temperature and rainfall.	What is Islamophobia?	A fear or dislike of Muslims, because of their religion.	How long did Victoria reign in Britain?	63 years
3. Does climate change happen quickly or slowly over time?	It happens slowly over a long period of time.	What are the Five Pillars of Islam?	The foundations of Muslim faith and life; Shahadah, Salah, Zakah, Sawm, Hajj.	Name any three countries Victoria was connected to through her family.	Spain, Germany, Russia, Greece, Romania
4. Name one natural cause of climate change.	Changes in the Sun's energy (or volcanic eruptions).			Define the term "Industrial revolution"	A period when Britain changed from small villages to major cities.
5. Name one human (man-made) cause of climate change.	Burning fossil fuels like coal, oil and gas.			When did the industrial revolution begin?	1750

**WEEK 1**

<b>Drama - Performance Skills &amp; Live Theatre</b>		<b>Art - Insects</b>		<b>Music - Rap</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
Define Physical Theatre	a form of theatre which emphasises the use of physical movement, as in dance and mime, for expression.	What is a collage?	A collage is artwork made by sticking different materials onto a surface.	What is rapping?	Rapping is performing rhyming lyrics in a rhythmic way over the top of a "groove" or musical accompaniment
What is push hands?	A Frantic Assembly technique that helps you build trust.	What materials are commonly used in a collage?	Paper, magazines, photographs, fabric, and cardboard.	When did "rapping" become a musical style?	Rapping started in the mid 1970's as the "Hip-Hop" scene developed. Although its roots are in the spiritual songs of the Gospel tradition and Scat singing.
		Why do artists use collage techniques?	To create texture, layers, and interesting compositions.	Which Band composed the song "Rapper's Delight"?	The "Sugar Hill Gang"
		What is layering?	The creation of images by stacking individual elements on top of each other within a composition.		
		What is a collage?	A collage is artwork made by sticking different materials onto a surface.		

**WEEK 1 - Only revise the Qs and As from the DT group you are a part of this half-term.**

DT - Textiles		DT - Architecture		DT - Food	
Question	Answer	Question	Answer	Question	Answer
What are the 4 steps to make clothing?	Fibre, Yarn, Fabric, Clothing	What does an architect do?	Designs and builds buildings	Why must food workers know food safety rules?	To prevent food poisoning and ensure food is prepared safely and legally.
What are the advantages and disadvantages of using natural fibres?	Adv - Easy to die, warm, sustainable, comfortable Dis - not as strong, heavy in weight, can be damaged by moths, not long lasting	What types of buildings does a residential architect design?	Places where people will live. Houses, flats etc.	What are your top 3 food safety rules for school kitchens? Why?	Wash hands – removes germs. Keep raw/cooked food apart – stops cross-contamination. Store food safely – stops bacteria growing.
What are the advantages and disadvantages of using synthetic fibres?	Adv - cheap, wrinkle free, stretchy, strong, soft Dis - microplastics released into the water when washed, doesn't dye easy, prone to catch fire easy, non-biodegradable	What is a commercial architect?	A person who designs buildings for the public to use such as shopping centres, leisure centres, football stadium	How are cleaning and sanitising different, and why do both matter?	Cleaning removes dirt; sanitising kills germs. Both keep surfaces safe.
How is woven fabric made?	Yarns are woven under and over each other to create a tight strong fabric	What is a floor plan?	A birds-eye view of a space/building showing key information and the layout	How can you keep picnic food safe on a hot day?	Use cool bags, keep food out of sun, and eat perishables quickly.
How is Non-woven fabric created?	Yarns are placed randomly. Friction and pressure is applied to bond the yarns together to create fabric.	What angle do you draw from for a floor plan?	Birds eye (top view looking down)	What could happen if food hygiene rules aren't followed? (2 points)	People could get ill. The canteen/restaurant might be fined or closed.

WEEK 1

French - Ma vie quotidienne		Spanish - ¿Qué hay en tu ciudad?		IT	
Question	Answer	Spanish	Translation	Question	Answer
How would you say "je me leve" in French?	I wake up	¿Qué hay en tu ciudad?	What is there in your town?	What is a single box in a spreadsheet called?	A cell
How would you say "Usually, I brush my teeth le matin." in French?	D'habitude, je me lave les dents le matin.	un centro comercial	a shopping centre	What are the columns and rows labeled in a spreadsheet?	The columns use letters The rows use numbers
How would you say "I go to bed at" in French?	Je me couche à	un museo	a museum	Which do you put first in a cell reference, the column or the number?	Column letter then row number E.g. A7 C2
When do you take your breakfast?	Chaque jour , je prends mon petit déjeuner à sept heures et demie.	una plaza	a square		
How would you say "je me leve" in French?	I wake up	una tienda	a shop		

**WEEK 1 - Only revise the Qs and As from the PE group you are a part of this half-term.**

<b><u>PE: Cricket</u></b> 7WE 1 (BPA) 7ST 1 (WPA) 7FI 1 (DEM) 7LD 1 (WPA)		<b><u>PE: Tennis</u></b> 7WE 2 (ECO/HTA) 7ST 2 (LGH) 7FI 2 (HTA) 7LD 2 (LGH) 7WE 3 (DEM/LGH) 7ST 3 (ECO/HTA) 7FI 3 (ECO) 7LD 3 (ECO)	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
What is the correct arm action for bowling?	A straight arm rotating over the shoulder	Why is it important to use a side-on stance for ground strokes?	It helps with balance, control and agility
What should you do after releasing the ball when bowling?	Follow through towards the target	What are ground strokes in tennis?	Shots played after the ball bounces, can be forehand and backhand.
What is your target when bowling in cricket?	The stumps/wicket	What should you do after hitting a ground stroke?	Follow through towards your target and return to front (on) stance

**WEEK 2**

**WEEK 2**

ENGLISH - The Hunger Games		MATHS - Geometry and Measures		Science – Atomic structure / Organisation	
Question	Answer	Question	Answer	Question	Answer
<b>Define:</b> Dystopia	An imagined place or state in which everything is unpleasant or bad, typically a totalitarian or environmentally degraded one.	What is the formula for the area of a parallelogram?	Area = base × height	What is the centre of the atom called?	Nucleus
<b>Define:</b> Utopia	An imagined place or state of things in which everything is perfect.	What is the formula for the area of a trapezium?	Area = $\frac{1}{2} \times (a + b) \times$ height	What subatomic particles are found in the nucleus?	Protons and neutrons
List two conventions of a dystopian text.	Environmental destruction and government control	What do “a” and “b” represent in a trapezium?	The parallel sides.	How many electrons are found on each shell of the atom	2, 8, 8, 18
		How do you find the area of a compound shape?	Split into simpler shapes and add the areas.	What is the largest number in an element square called?	Atomic mass
		Why is it important to use the correct height?	The height must be perpendicular to the base.	What is the smallest number in the element square called?	Atomic number

**WEEK 2**

<b>GEOGRAPHY - Climate Change</b>		<b>RE - Islam</b>		<b>HISTORY - Jack the Ripper</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
6. What is happening to average global temperatures?	They are increasing.	What is a prophet?	A person regarded as an inspired teacher or proclaimer of the will of God.	Define the term "revolution".	Dramatic and rapid change
7. What is happening to glacial ice in many parts of the world?	Glacial ice is melting.	Who was the Prophet Muhammad (pbuh)?	The last and greatest prophet of Islam who recited the words of Allah, which were written down to become the Qur'an.	What did the population of London increase to?	3 million
8. What is happening to sea levels as ice melts?	Sea levels are rising.	What is the Shahadah?	The Muslim declaration of faith	How many people died from diseases caught drinking dirty water?	50,000
9. Give one example of extreme weather linked to climate change.	More frequent heatwaves or stronger storms.			What was built to help transport goods?	Canals and railways
10. How can climate change affect the water supply?	It can cause droughts or make water harder to access.			Where did most people work in the industrial revolution?	Factories

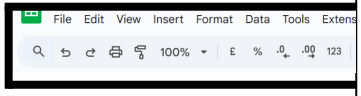
**WEEK 2**

<b>Drama - Performance Skills &amp; Live Theatre</b>		<b>Art - Insects</b>		<b>Music - Rap</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
What is a weight share technique?	A moment for connection that can be used to show character relationships.	What does symmetry mean in art?	When both sides of an image are the same.	How do you create BeatBox sounds?	Beatbox sounds are created using your mouth to make the sounds of a Drum Kit. Often a microphone and speaker are needed.
What is wet hands?	A great way to create movement sequences before adding emotion/story.	What is a line of symmetry?	A line that divides an image into two equal halves.	How do you create the bass drum sound "Boots"?	Keep your lips closed and force air towards the front of your mouth until it forces your lips apart.
		Why might artists use symmetry in their work?	To create balance and harmony.	How do you create the Snare drum sound "Catzs"?	Clench your jaw and make an "C" sounds at the back of your throat.
		Can patterns be symmetrical?	Yes, many patterns repeat evenly on both sides.		
		What does symmetry mean in art?	When both sides of an image are the same.		

**WEEK 2 - Only revise the Qs and As from the DT group you are a part of this half-term.**

DT - Textiles		DT - Architecture		DT - Food	
Question	Answer	Question	Answer	Question	Answer
Name 4 types of stitches?	Running stitch, back stitch, cross stitch, blanket stitch	What should you use when drawing?	Pencil, ruler, rubber	What are food poisoning bacteria, and why can't we always spot unsafe food?	Tiny germs that make us sick but don't always change how food looks, smells, or tastes.
What does the term life cycle analysis mean?	The life cycle analysis looks at the life cycle of a product and maps its environmental footprint and the impact upon the world.	How many mm are in 1 cm?	10MM	Name 2 conditions that help bacteria grow fast.	Warmth (5°C–63°C) and moisture/time.
What negative impacts occur in the life cycle of a cotton t-shirt?	Pesticides can harm wildlife and get into the water streams. Working conditions in factories. CO2 off of transport. Water pollution and energy consumption when being used. Land pollution when thrown away.	How many CMs are in 1M?	100CM	How does chilling food help stop food poisoning?	Cold slows bacteria, keeping food safe longer.
What is stitching health and safety?	Arms length cotton, stay seated, pick the needle up if you lose it, watch your fingers	How many MM are in 1M?	1000MM	How do you avoid cross-contamination after chopping raw chicken?	Wash hands, clean tools, or use fresh ones before veggies.
Which side should you always sew from?	The back - keep the messy side on the back.	What is the MM tolerance when drawing?	1MM	What happens if veg pieces are uneven, and how can you fix it?	Food cooks unevenly. Cut slowly and evenly.

WEEK 2

French - Ma vie quotidienne		Spanish - ¿Qué hay en tu ciudad?		IT	
Question	Answer	Spanish	Translation	Question	Answer
How do you say:” I eat fish twice a week.”	Je mange du poisson deux fois par semaine.	Hay...	There is...	What is the menu called at the top of a spreadsheet? 	The toolbar
How do you say ‘ pour le gouter, je prefere..’ in French	For a snack, I prefer..	un estadio	a stadium	We have different file types in computing. You know what the file type is by reading the file extension at the end of a document name. Some file types are .docx .pdf .jpg .mp4 Why is it important that the computer knows what file type a document is?	So the computer knows how to open it and read the information correctly
Translate:”je don't eat chips because it is bad for health”	JE ne mange pas les frites parce que c'est mauvais pour la santé	un parque	a park	What do we call it when you change the presentation of the data in spreadsheets e.g., bold, underlining, merging cells, filling cells?	Formatting
Translate: I never drink tea	Je ne bois jamais de thé.	un polideportivo	a sports centre		
How do you say:” I eat fish twice a week.”	Je mange du poisson deux fois par semaine.	una universidad	a university		

**WEEK 2 - Only revise the Qs and As from the PE group you are a part of this half-term.**

<b><u>PE: Cricket</u></b> 7WE 1 (BPA) 7ST 1 (WPA) 7FI 1 (DEM) 7LD 1 (WPA)		<b><u>PE: Tennis</u></b> 7WE 2 (ECO/HTA) 7ST 2 (LGH) 7FI 2 (HTA) 7LD 2 (LGH) 7WE 3 (DEM/LGH) 7ST 3 (ECO/HTA) 7FI 3 (ECO) 7LD 3 (ECO)	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
Where should your eyes focus when batting?	On the ball at all times	What is the first step when serving in tennis?	Toss the ball up in front of you
What body position helps when striking the ball?	A side-on stance with balanced feet	Where should you serve the ball to?	The service box diagonal to you on the other side of the net
How should you hold the bat?	With both hands together, but relaxed grip.	What should you do after hitting a serve?	Follow through and get ready for the next shot.

**WEEK 3**

**WEEK 3**

ENGLISH - The Hunger Games		MATHS - Geometry and Measures		Science – Atomic structure / Organisation	
Question	Answer	Question	Answer	Question	Answer
What is a totalitarian government?	A government that has total control over its citizens.	What do angles around a point add up to?	360°	State <b>two</b> physical properties	Appearance and melting/boiling point
What does 'oppression' mean?	The long-lasting cruel or unjust treatment of others.	What do angles on a straight line add up to?	180°	What is a chemical property?	How chemicals react with other chemicals
What is the Capitol?	The powerful city that controls all the districts.	What is the sum of angles in a triangle?	180°	What are four functions of the skeleton?	Protection, support, movement, bone marrow makes blood cells
		What are vertically opposite angles?	Equal angles formed when two lines cross.	State <b>four</b> parts that make up a joint.	Bone, cartilage, synovial fluid, ligaments
		Why is it useful to know angle rules?	To solve missing angle problems.	What is the function of muscle cells?	Contracts for movement

**WEEK 3**

<b>GEOGRAPHY - Climate Change</b>		<b>RE - Islam</b>		<b>HISTORY - Jack the Ripper</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
11. In the booklet's impacts table, what does a high impact score mean?	The effect would be very serious if it happened.	What is the Qur'an?	The Arabic word Qur'an literally means recitation (saying something aloud).	Which man created a map of poverty documenting conditions in London?	Charles Booth
12. In the table, what does a high likelihood score mean?	The effect is very likely to happen.	What is a hafiz?	A person who learns the Qur'an by heart and can recite it from memory. A man is a hafiz and a woman is hafiza.	Which was one of the poorest areas of London?	Whitechapel
13. Name one impact of glacial ice melting.	Sea level rise or loss of freshwater stored in ice.	What is Salah?	Prayer five times a day	How many women were killed by Jack the Ripper?	Five
14. Name one impact of temperature increases.	Hotter days or more heatwaves.			Which year did the Ripper murders take place?	1888
15. Name one impact of more extreme weather events.	More flooding or more storm damage.			Name the five Ripper victims.	Polly Nicholls, Annie Chapman, Elizabeth Stride, Catherine Eddowes, Mary Jane Kelly

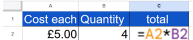
**WEEK 3**

Drama - Performance Skills & Live Theatre		Art - Insects		Music - Rap	
Question	Answer	Question	Answer	Question	Answer
What is a clip lift?	Both are small movements that can be used to create transition and moments of character connection.	What are guidelines in drawing?	Light lines used to help plan a drawing.	What is a "Rap Battle"	Different rappers perform against each other in a rap battle, similar to scenes from the film "8 Mile". The competitions aim to test performers ability to improvise and ad lib.
What are chair duets?	Seated movement sequence that creates characters, emotion and location.	Why do artists draw guidelines first?	To help place shapes and keep proportions correct.	What is meant by improvising or ad libbing?	This refers to making things up on the spot to suit the mood of the music.  Rappers often refer to this as "Freestyling"
		What is a repeat pattern?	A design in which lines, shapes, forms or colours are repeated	What is a "Griot"	The 'griots' (story tellers) of West Africa were delivering stories rhythmically over drums and sparse instrumentation.
		What is the difference between geometric and organic shapes?	Geometric shapes are precise, man-made shapes that can be described mathematically, while organic shapes are freeform shapes that do not follow rules.		
		What are guidelines in drawing?	Light lines used to help plan a drawing.		

**WEEK 3 - Only revise the Qs and As from the DT group you are a part of this half-term.**

DT - Textiles		DT - Architecture		DT - Food	
Question	Answer	Question	Answer	Question	Answer
What makes a good design?	Clear presentation, good labelling, neat colouring, creative ideas.	What does perimeter mean?	Adding up the edges of shapes	Why use kitchen equipment safely, even if used at home?	Kitchens differ, and safety rules prevent accidents.
What decorative techniques can you apply to fabric?	Tie dye, embroidery, applique, heat press, vinyl	What is the perimeter of 5cm x 3cm?	16cm	Why is a pan handle sticking out dangerous? What should you do?	It can be knocked over and burn someone. Turn it inwards.
What is the health and safety for tie dye?	Wear an apron, hair tied back, gloves on, avoid skin contact	What is the perimeter of 4cm x 4cm?	16cm	Why is hiding a knife under a tea towel risky? What should be done?	Someone might grab the blade and get cut. Knives should stay visible and safe.
Name 3 natural fibres?	Cotton, Silk, Wool	Why would you need to figure out the perimeter?	To figure out how much material is needed. E.g. how many Metres of fencing is required	Why measure ingredients accurately?	To get safe, good results. E.g. too much flour = dry cake; too little baking powder = cake won't rise.
Name 3 synthetic fibres?	Polyester, Acrylic, Nylon	Why is accuracy important in architecture?	To ensure measurements are correct and buildings are safe.	Why is chicken high-risk, and how handle it safely?	It can cause food poisoning. Use separate boards and clean tools after raw chicken.

WEEK 3

French - Ma vie quotidienne		Spanish - ¿Qué hay en tu ciudad?		IT	
Question	Answer	Spanish	Translation	Question	Answer
Translate: <b>Le weekend, je fais du vélo et je joue au tennis</b>	On the weekend, I go cycling and play tennis	un castillo	a castle	Formulas are used to make calculations in spreadsheets. What do all formulas start with?	They start with an equals sign =
<b>‘Aujourd’hui, je vais au cinéma le soir’</b> means...	<b>Today</b> , I'm going to the cinema in the evening	un mercado	a market	If we want to multiply 2 values in a spreadsheet, we can't use the multiplication symbol (x) because it can be mixed up with the letter (x) What symbols do we use instead?	An asterix *
How would you say <b>‘maintenant’</b>	Now	una piscina	a swimming pool	What is the total that will go in the cell C2 with the formula =A2*B2 	The formula in C2 will: multiply the values in A2 and B2 The value in A2 is 5 The value in B2 is 4 5 multiplied by 4 is 20 So the total in C2 is 20
Je fais de l'équitation	I do horse riding	un restaurante	a restaurant		
Translate: <b>Le weekend, je fais du vélo et je joue au tennis</b>	On the weekend, I go cycling and play tennis	mi barrio	my neighbourhood		

**WEEK 3 - Only revise the Qs and As from the PE group you are a part of this half-term.**

<b><u>PE: Cricket</u></b> 7WE 1 (BPA) 7ST 1 (WPA) 7FI 1 (DEM) 7LD 1 (WPA)		<b><u>PE: Tennis</u></b> 7WE 2 (ECO/HTA) 7ST 2 (LGH) 7FI 2 (HTA) 7LD 2 (LGH) 7WE 3 (DEM/LGH) 7ST 3 (ECO/HTA) 7FI 3 (ECO) 7LD 3 (ECO)	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
What is the best hand position when catching a cricket ball?	Hands together with soft fingers to cushion the ball	When is a point won in tennis?	When your opponent cannot return the ball in play
Why is staying low important in fielding?	It helps you react quickly and stop the ball	How many serves does a player get?	Two attempts (first serve, and second serve)
What should you do after fielding the ball?	Throw it quickly and accurately to the target.	When is a serve considered out?	If the ball lands outside of the service box or it hits the net.

**WEEK 4**

**WEEK 4**

ENGLISH - The Hunger Games		MATHS - Geometry and Measures		Science – Atomic structure / Organisation	
Question	Answer	Question	Answer	Question	Answer
What is a newspaper article?	A piece of non-fiction writing that gives information about a topic, event or person.	What is perimeter?	The total length around a shape.	State three types of muscle tissue.	Skeletal, cardiac, smooth
What are the 5Ws when planning a newspaper article?	Who, What, Where, When, Why	How do you find the perimeter of a rectangle?	Add all sides or use $2l + 2w$	What is meant by the term 'antagonistic pair'?	A pair of muscles that work in opposition
What does it mean to be 'objective'?	Basing something on facts and not being influenced by your personal opinion.	How do you find the perimeter of any polygon?	Add all side lengths.	Define a tissue.	A group of specialised cells that work together to perform a specific function
		How do you find the perimeter of a compound shape?	Add all outer sides.	What are the levels of organisation in an organism, starting with the smallest?	Cell, tissue, organ, organ system, organism
		Why must you be careful with compound shapes?	Some sides may be hidden or missing.	Name <b>two</b> organ systems.	Any two: Circulatory system, digestive system, nervous system, respiratory system

**WEEK 4**

<b>GEOGRAPHY - Climate Change</b>		<b>RE - Islam</b>		<b>HISTORY - Jack the Ripper</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
16. What does “mitigation” mean in climate change?	Actions that try to reduce the causes of climate change.	What is a Muslim?	A person who follows the teachings of Islam	Name any three organs taken by the Ripper after the murders.	Heart, kidneys, liver, spleen, intestines
17. What does “adaptation” mean in climate change?	Actions that help people live with the impacts of climate change.	What is the ummah?	The Muslim community	Name any two suspects for the Ripper murders.	George Chapman, Prince Albert, James Maybrick, Aaron Kosminski
18. Give one mitigation strategy from the booklet.	Using renewable energy.	What is Zakah?	Giving to charity	How many suspects were there in total?	200
19. Give another mitigation strategy from the booklet.	Planting trees (afforestation) or carbon capture.			Why were doctors suspected of the murders?	They were skilled at using knives and could remove body parts.
20. Give one adaptation strategy from the booklet.	Managing water supplies or changing farming practices.			What makes a source reliable?	It is good quality, trustworthy and supports my own knowledge.

**WEEK 4**

Drama - Performance Skills & Live Theatre		Art - Insects		Music - Rap	
Question	Answer	Question	Answer	Question	Answer
List the two lifts for this week.	Clip Lift, Angel Lift	Who was E. A. Séguy?	A French artist and designer.	What kind of music technology do Rappers use to create tracks to "SPit" over?	Drum machines, samplers and loopers are often used. Today these can be combined in computer programmes like "Garageband" or "Logic"
Which two techniques must you start your piece with?	Wet Hands or Chair Duet.	What was E. A. Séguy famous for drawing?	Insects and natural patterns.	What is double time?	This means performing at twice the speed you would normally do. This can be exciting and give extra energy to a performance.
		What colours are often seen in Séguy's artwork?	Bright and bold colours.	Why is it important to warm up and practice before rapping?	Just like talking or singing, rapping requires lots of air and control of your lips, mouth and tongue. These are muscles that need to be trained.
		What type of designs did Séguy create?	Decorative and repeating patterns.		
		Who was E. A. Séguy?	A French artist and designer.		

**WEEK 4 - Only revise the Qs and As from the DT group you are a part of this half-term.**

DT - Textiles		DT - Architecture		DT - Food	
Question	Answer	Question	Answer	Question	Answer
Why is pattern cutting important?	To make sure you don't make a mistake and waste fabric	What is 2D drawing?	A flat view of an object or design	Give 3 reasons we cook food, with examples.	Make food safe (e.g. cook chicken kills bacteria) Improve taste/texture (e.g. roasted veg sweeter) Preserve food (e.g. jam lasts longer)
What does applique mean?	Layering fabric together and sewing them on top of each other	What does oblique drawing mean and what angle is it drawn in?	A 3D object drawn in 45 degrees angles	What does the term <i>heat transfer</i> mean in cooking?	It's how heat moves from a source (hob or oven) into food to cook it.
Why are we using recycled fabrics in our design?	To reduce the impact of the environment	What angle is isometric drawn in?	30 degrees	A student bites into a cold centre after microwaving food. What does this show about heat transfer, and what should they do?	Heat didn't reach the centre (uneven transfer). Stir and reheat to make it hot all over.
What stage of the life cycle comes after manufacturing?	Transportation	What does CAD stand for?	Computer Aided Design	Which heat transfer methods cook a crumble in the oven?	Convection – hot air moves around the oven. Conduction – heat travels through the dish to the crumble.
How do we get silk?	From a silkworm cocoon	What does CAM stand for?	Computer Aided Manufacturing	Name one crumble ingredient giving fast-release energy and one giving slow-release energy	Fast: Sugar or apple (simple sugars). Slow: Flour or oats (complex carbs).

WEEK 4

French - Ma vie quotidienne		Spanish - ¿Qué hay en tu ciudad?		IT							
Question	Answer	Spanish	Translation	Question	Answer						
How would you say "we don't have lessons on Wednesday" in French?	On n'a pas cours le mercredi.	mi ciudad	my town / city	What is the difference between data and information?	Data is unsorted facts or statistics. Information has been sorted and given context e.g . 11 = data 11 years old = information						
How would you say "Je mange de la glace " in French?	I eat ice-cream	No hay nada.	There's nothing	What are the symbols in spreadsheets for Divide Subtract Add	<table border="1"> <tr> <td>Divide</td> <td>/</td> </tr> <tr> <td>Subtract</td> <td>-</td> </tr> <tr> <td>Add</td> <td>+</td> </tr> </table>	Divide	/	Subtract	-	Add	+
Divide	/										
Subtract	-										
Add	+										
Are you sporty?	Oui, je suis sportif / sportive	muchos museos	a lot of museums	What does the formula =SUM(C1:C8) do?	It adds up all the values in cells C1 until cell C8						
What are you like ?	Je suis beau / belle et sympa	Me gusta mucho vivir en...	I like living in... a lot								
How would you say "we don't have lessons on Wednesday" in French?	On n'a pas cours le mercredi.	Es la una.	It's one o'clock								

**WEEK 4 - Only revise the Qs and As from the PE group you are a part of this half-term.**

<b><u>PE: Cricket</u></b> 7WE 1 (BPA) 7ST 1 (WPA) 7FI 1 (DEM) 7LD 1 (WPA)		<b><u>PE: Tennis</u></b> 7WE 2 (ECO/HTA) 7ST 2 (LGH) 7FI 2 (HTA) 7LD 2 (LGH) 7WE 3 (DEM/LGH) 7ST 3 (ECO/HTA) 7FI 3 (ECO) 7LD 3 (ECO)	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
Why do teams spread fielders out when a batter is hitting well?	To reduce scoring opportunities and stop boundaries	Why should you aim shots into open space?	To make it harder for your opponent to reach the ball
Why might a bowler aim for the same area repeatedly?	To build pressure and force the batter to make a mistake	Why is it useful to vary your shots (e.g. power and placement)?	To keep your opponent guessing and so they become out of position.
When is it best for batters to run quickly between wickets?	When there is space and the ball is far from fielders.	When is it a good time to move towards the net?	After hitting a strong shot that puts your opponent under pressure.

**WEEK 5**

**WEEK 5**

<b>ENGLISH - The Hunger Games</b>		<b>MATHS - Geometry and Measures</b>		<b>Science – Atomic structure / Organisation</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
Who are the Gamemakers?	The people who control and design the Hunger Games.	What tool is used to measure angles?	A protractor.	What is the function of the respiratory system?	To supply the body with oxygen and remove carbon dioxide in a process called gas exchange
What is a mentor?	An experienced person who guides and advises someone.	How do you measure an angle correctly?	Line up the centre and read the correct scale.	State <b>four</b> components of blood	Red blood cells, platelets, white blood cells, plasma
<b>Define:</b> Alliance	An agreement to work together for a shared goal.	What does SSS mean in triangle construction?	Side, Side, Side.	State <b>three</b> blood vessels	Veins, capillaries, arteries
		What is reflection symmetry?	When one half is a mirror image of the other.	What is the function of the digestive system?	To absorb nutrients and minerals into the bloodstream
		What is rotation symmetry?	A shape looks the same after being rotated.	What is the function of the nervous system?	Transmits electrical impulses through neurones in the body.

**WEEK 5**

<b>GEOGRAPHY - Climate Change</b>		<b>RE - Islam</b>		<b>HISTORY - Jack the Ripper</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Spanish</b>	<b>Translation</b>
21. In the water and climate change task, what main problem does the village face?	Difficulty accessing enough safe water.	Who are Sunni Muslims?	The majority (about 85 percent) of Muslims who believe that the Rightly Guided Caliphs were the rightful successors of Muhammad.	When were the Metropolitan police created?	1832
22. Why does climate change make water access harder for some communities?	It can change rainfall, causing more droughts or unreliable rain.	Who are Shi'a Muslims?	A smaller group of Muslims who believe that Ali and his descendents should have succeeded Muhammad as leaders of Islam.	How many police forces investigated the Ripper murders?	2
23. Give one way a community could collect water.	Using systems that collect and store rainwater.	What is Sawm?	Fasting during the month of Ramadan	Why did using a reward for information not work?	Whitechapel was poor and people made up false information to claim the money.
24. In the school sustainability lesson, name one way a school can save energy.	<ul style="list-style-type: none"> <li>Turning off lights and devices when not in use.</li> </ul>	Who are Sunni Muslims?	The majority (about 85 percent) of Muslims who believe that the Rightly Guided Caliphs were the rightful successors of Muhammad.	How did the police think photographs would help them catch the Ripper?	The victims' eyes after death would show the face of the murderer.
25. In the school sustainability lesson, name one way a school can reduce waste.	Recycling rubbish instead of throwing it away.			What was a bloodhound?	A dog used by the police to help search for clues.

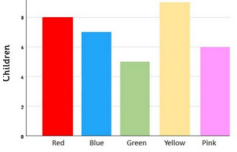
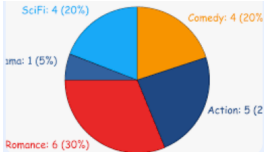
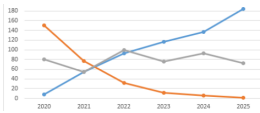
**WEEK 5**

<b>Drama - Performance Skills &amp; Live Theatre</b>		<b>Art - Insects</b>		<b>Music - Rap</b>	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
List the two lifts for this week?	Coffin Lift, Horseshoe Lift.	Who is Rosalind Monks?	Swiss-born freelance illustrator, artist, and designer	Why is it important to know how many syllables there are in your words when you rap?	Often the syllables are matched to the beat that is being played. This helps you to stay in time.
What are the three storylines you could have chosen?	A group of friends being given some bad news A group of friends who's team just lost. A group of friends walking towards a haunted house to find a friend who is lost	What type of materials does Rosalind Monks use?	Hand-drawn pen-and-ink illustrations	Who is "Grand Master Flash"?	A member of the group "The Sugar Hill Gang"
		What subjects often appear in her artwork?	She is known for creating intricate, detailed patterns within the shapes of animals, birds, and insects	Has Rap changed since the 1970's?	Yes, some artists have very different ways of rapping, connecting syllables to important beats or rapping at very rapid speeds.
		Which of the formal elements can be seen in her artwork?	Line, shape, pattern		
		Who is Rosalind Monks?	Swiss-born freelance illustrator, artist, and designer		

**WEEK 5 - Only revise the Qs and As from the DT group you are a part of this half-term.**

DT - Textiles		DT - Architecture		DT - Food	
Question	Answer	Question	Answer	Question	Answer
What is calico made from?	Cotton - which is grown from a cotton plant	What does it mean by constraints?	A list of criteria you must follow	Why must food be broken down during digestion?	To absorb nutrients for energy and health. Without it, the body can't get what it needs.
What is the up and down direction called in the weave?	Warp	Why is it important to label your floor plans?	To make sure someone else that is looking at your design knows what is what.	How does food change from mouth to stomach? Name two organs or processes.	In the mouth, food is chewed and mixed with saliva. In the stomach, acid breaks it down and churns it into liquid.
What is the left to right direction called in the weave?	Weft	What does scale mean when drawing?	The ratio used to reduce the actual real life size	What's the difference between fast-release and slow-release energy? Which keeps you fuller longer?	Fast-release comes from sugars and gives quick energy. Slow-release comes from complex carbs and keeps you full longer.
Where do we get wool from?	A sheep	What does chamfer mean?	Curve the edge of the product	Why might a runner choose porridge over sweets before a race?	Porridge gives slow-release energy that lasts longer and prevents a sugar crash.
What is synthetic material made out of?	Plastic and plastic is made out of oil, which is a non renewable.	What does assemble the product mean?	Build the product and ensure it fits well.	How do roasted veg help meet the "5-a-day" rule? Name two nutrients.	They count as portions and provide vitamins C and A, plus fibre.

WEEK 5

French - Ma vie quotidienne		Spanish - ¿Qué hay en tu ciudad?		IT	
Question	Answer	Spanish	Translation	Question	Answer
Translate; I live in a flat	J'habite dans un appartement	mi pueblo	my village / town	What type of chart is this? 	Bar chart
How would you say "my town" in French?	Ma ville	unos museos	some museums	What type of chart is this? 	Pie chart
C'est quoi votre activité préférée ?	Mon activité préférée est: La natation/l'équitation/ cuisiner/faire des achats	muchas tiendas	a lot of shops	What type of chart is this? 	Line chart
How would you say "my house is big" in French?	Ma maison est grande	No me gusta nada vivir en...	I don't like living in... at all		
Translate; I live in a flat	J'habite dans un appartement	Son las dos.	It's two o'clock		

**WEEK 4 - Only revise the Qs and As from the PE group you are a part of this half-term.**

<b><u>PE: Cricket</u></b> 7WE 1 (BPA) 7ST 1 (WPA) 7FI 1 (DEM) 7LD 1 (WPA)		<b><u>PE: Tennis</u></b> 7WE 2 (ECO/HTA) 7ST 2 (LGH) 7FI 2 (HTA) 7LD 2 (LGH) 7WE 3 (DEM/LGH) 7ST 3 (ECO/HTA) 7FI 3 (ECO) 7LD 3 (ECO)	
<b>Question</b>	<b>Answer</b>	<b>Question</b>	<b>Answer</b>
What happens if the ball hits the stumps and the bails fall off?	The batter is bowled out	What happens if the ball bounces twice before you hit it?	You lose a point
How many players are on each team?	11 players	Can the ball hit the net and still be in play?	Yes, as long as it goes over into the correct area.
What is a no-ball?	An illegal delivery (e.g. over stepping the boundary line) and the batting team gets an extra run	What happens if you hit the ball outside the court lines?	The ball is out and you lose the point

## WEEK 6

### **Masters of Recall Quiz**

This week you will be given a quiz by your subject teachers to see how much you can remember.

