

2024-2025

Year 9 | Cycle 2

100% Book

Name:

Tutor group:

Your 100% book and knowledge organisers

Knowledge organisers contain **critical** knowledge you must know. This will help you recap, revisit and revise what you have learnt in lessons in order to remember this knowledge for the long-term.

Students remember 50% more when they test themselves after learning.

You must have this 100% book for **every lesson** – it is part of your equipment.

You must keep your 100% books (even after you have finished the cycle or the year).

How do I use my 100% book for self-quizzing?



1) Write today's date and the **title** from the knowledge organiser and underline with a ruler



2) Write out the **keywords** leaving two lines between each word



3) Cover the definitions apart from the first: **read it, cover it, say it in your head, check it**



4) If you got it right, move on and **quiz yourself** on the rest in your head, one by one



5) Cover up **all** the definitions and write them out from **memory**



6) Check your answers using green pen

- **Tick** any definitions which are correct
- **Correct** any definitions not completely correct

Year 9 – Cycle 2 – Art & Design

Learning Week	Term	Definition	Quiz Date
1	Urban landscape	A painting, drawing, print or photograph of the physical aspects of a city	Friday 17 th January 2025
2	Perspective	The representation of 3D objects or spaces in 2D artworks	Friday 24 th January 2025
3	Cityscape	The visual appearance of a city or urban area	Friday 31 st January 2025
4	Cartography	Drawing maps	Friday 7 th February 2025
5	Motif	A recurring theme or pattern that appears in artwork	Friday 14 th February 2025
6	Mark making	Different marks, patterns, and textures we create in an artwork	Friday 28 th February 2025
7	Architectural illustration	Representation of an object such as a construction detail or an entire building	Friday 7 th March 2025
8	Skyline	Outline of buildings viewed near the horizon	Friday 14 th March 2025
9	Texture	The feel of objects through the senses of touch and vision	Friday 21 st March 2025
10	Façade	The exterior wall or face of a building	Friday 28 th March 2025
11	Media	The type of material that has been used to create the piece of art	Friday 4 th April 2025
12	Monochromatic	Art created using only one colour	Friday 25 th April 2025

Year 9 – Cycle 2 – Design and Technology

Learning Week	Term	Definition	Quiz Date
1	Inclusive design	A design that considers usage to ensure as many people as possible can access it	Friday 17 th January 2025
2	Graphics	An image or visual representation of an object	Friday 24 th January 2025
3	Application (app)	A piece of software designed for a particular purpose that you can download onto a device	Friday 31 st January 2025
4	Adobe Illustrator	Software used to create visual graphics	Friday 7 th February 2025
5	Dashboard	A visual display of all your data	Friday 14 th February 2025
6	User mapping	A method of visualising the end-to-end user experience	Friday 28 th February 2025
7	Pain points	Identifying areas where a user has experienced difficulty	Friday 7 th March 2025
8	Icon	A symbol that represents an application, function or concept	Friday 14 th March 2025
9	Prototype	A physical model used to present your final design	Friday 21 st March 2025
10	Typeface	A set of characters of the same design including letters, numbers, punctuation and symbols	Friday 28 th March 2025
11	Composition	The placement or arrangement of visual elements	Friday 4 th April 2025
12	PNG file (Portable Network Graphic)	An image format used to save graphics	Friday 25 th April 2025

Year 9 – Cycle 2 – Drama – Devising

Sub-topic: Devising Explorative Strategies				
Learning Week	Word	Definition	Purpose	Quiz Date
1	Freeze Frame	When the action freezes on a specific cue	So that the audience can take in specific characters/use of levels/facial expression etc	Friday 17 th January 2025
2	Thought Track	When the action freezes and a performer speaks their thoughts in character	To show what a character is <i>really</i> thinking (i.e. the subtext behind what we see/hear)	Friday 24 th January 2025
3	Soundscape	When voices are used collectively to create an atmosphere or location	To create a location or atmosphere using voice	Friday 31 st January 2025
4	Cross Cut	Moving quickly/smoothly from one scene to another	To be able to change scene quickly, skilfully and without a blackout	Friday 7 th February 2025
5	Flashback	To show a scene back in time	For the audience to compare then & now	Friday 14 th February 2025
6	Mark the moment	To highlight a specific moment (e.g. by using a freeze frame/slow motion/spotlight)	To highlight a key moment in a scene so that the audience see its significance	Friday 28 th February 2025
7	Narration	When a performer is used to explain the story	To make the plot clearer or to explain subtext	Friday 7 th March 2025
8	Slow motion	Moving at a slower pace	To make an important moment clearer for the audience to see the action slower	Friday 14 th March 2025
9	Split scene	When 2 scenes take place on either side of the stage, one at a time whilst the other one freezes	To allow the audience to compare the scenes/action	Friday 21 st March 2025
Sub-topic: Devising Keywords				
Learning Week	Word	Definition/Concept	Example	Quiz Date
10	Stimulus	Something given to inspire a piece of drama	Newspaper article, poem, song, topic	Friday 28 th March 2025

11	Process	The rehearsal stages when the piece is put together	The 6 weeks between having been given the stimulus up to the performance date	Friday 4 th April 2025
12	Intention	What a director/company aims to make its audience think, feel and know	To raise awareness of domestic abuse and to know the initial warning signs of an abusive relationship. Also to feel empathy for the victim	Friday 25 th April 2025

Year 9 – Cycle 2 – Geography – Newly Emerging Economies

Learning Week	Term	Definition	Quiz Date
1	BRIC countries	Brazil, Russia, India, China.	Friday 17 th January 2025
2	MINT countries	Mexico, Indonesia, Nigeria, Turkey.	Friday 24 th January 2025
3	Industrialisation	The process of a country moving from mostly agriculture (farming) to manufacturing (making) goods.	Friday 31 st January 2025
4	Employment structure	How the workforce is divided up between primary, secondary, tertiary and quaternary employment	Friday 7 th February 2025
5	Secondary industry	An industry which manufactures goods.	Friday 14 th February 2025
6	Exports	Sending goods to another country for sale.	Friday 28 th February 2025
7	Urbanisation	The growth in the number/ proportion of people living in towns and cities	Friday 7 th March 2025
8	Rural to urban migration	The movement of people from rural areas (countryside) to urban areas (cities)	Friday 14 th March 2025
9	Push factor	Things that make people want to leave an area e.g. a lack of jobs.	Friday 21 st March 2025
10	Pull factor	Things that attract people to live in an area e.g. good health care.	Friday 28 th March 2025
11	Mechanisation	When machines begin to do the work which humans once completed	Friday 4 th April 2025
12	Globalisation	The increased connectivity of countries around the world e.g. through trade.	Friday 25 th April 2025

Year 9 – Cycle 2 – French

Learning Week	Term & definition			Quiz Date
1	Passer du temps – to spend time	Ranger la chambre – To tidy your room	Dormir – to sleep	Friday 17 th January 2025
2	Lire un livre – to read a book	J'ai joué – I played	J'ai fait – I did	Friday 24 th January 2025
3	J'ai acheté – I bought	J'ai mangé – I ate	Je suis allé(e) – I went	Friday 31 st January 2025
4	J'ai dormi – I slept	C'était – It was	J'ai vu – I saw	Friday 7 th February 2025
5	Où j'habite, il y a – Where I live there is/are	On peut faire – We can do	Il y a plus de – There is more of	Friday 14 th February 2025
6	Il y a moins de – There is less of	Il y avait – There used to be/there was	Je faisais – I used to do	Friday 28 th February 2025
7	J'allais – I used to go	Je voudrais habiter – I would like to live	D'abord - Firstly	Friday 7 th March 2025
8	Puis – Then/next	Après - After	Plus tard - Later	Friday 14 th March 2025
9	Il y a cinq ans – 5 years ago	Un parc d'attractions – A theme park	Un centre de loisirs – A leisure centre	Friday 21 st March 2025
10	Une place – A (town) square	Propre - Clean	Sale - Dirty	Friday 28 th March 2025
11	La circulation - Traffic	Le chômage - Unemployment	Un emploi – A job	Friday 4 th April 2025
12	La campagne – The countryside	À l'étranger - Abroad	Au bord de la mer – By the seaside	Friday 25 th April 2025

Year 9 – Cycle 2 – Spanish

Learning Week	Term & definition			Quiz Date
1	Celebro – I celebrate	Celebramos – we celebrate / celebrated	Celebré - I celebrated	Friday 17 th January 2025
2	Disfrazarse – to dress up	probar algo nuevo - try something new	Decorar - to decorate	Friday 24 th January 2025
3	en mi barrio – in my neighbourhood	Hay – There is	Mucho que hacer – a lot / lots to do	Friday 31 st January 2025
4	se puede – you can	Ir al museo – go to the museum	Ir de compras – go shopping	Friday 7 th February 2025
5	sucio – dirty	Ruidoso – noisy	limpio – clean	Friday 14 th February 2025
6	No hay – there is no	lo bueno es que – the good thing is that	Lo peor es que – the worst thing is that	Friday 28 th February 2025
7	Hay más tiendas – there are more shops	Es menos bonito – it is less pretty	Ahora – now	Friday 7 th March 2025
8	antes – before	Había – There used to be/there was	Era – It used to be / it was	Friday 14 th March 2025
9	Tenía espacios verdes – It had green spaces	Menos contaminación – less pollution	Basura - rubbish	Friday 21 st March 2025
10	Salgo – I go out	voy al cine - I go to the cinema	hago natación - I go swimming	Friday 28 th March 2025
11	Comida típica – typical food	Un parque temático – A theme park	Un polideportivo – A leisure centre	Friday 4 th April 2025
12	Una plaza – A (town) square	Hay oportunidades – there are opportunities	Se puede ayudar – you can help	Friday 25 th April 2025

Year 9 – Cycle 2 – Music

Learning Week	Term	Definition	Quiz Date
1	Call and response	One voice or instrument (monophonic) makes a 'call' and the rest of the group 'respond' with a similar musical phrase (homophonic)	Friday 17 th January 2025
2	Syncopation	An off-beat rhythm	Friday 24 th January 2025
3	Accompaniment	A group of notes heard at the same time as the melody	Friday 31 st January 2025
4	Strophic	Structure featuring verses	Friday 7 th February 2025
5	Swung rhythm	The first quaver in a pair is played for longer than the second	Friday 14 th February 2025
6	12 bar blues	Harmonic structure used in blues	Friday 28 th February 2025
7	Blue note	Bending the pitch in the blues style	Friday 7 th March 2025
8	Improvisation	When music is created 'in the moment'	Friday 14 th March 2025
9	The head	Main riff or melody in a jazz composition	Friday 21 st March 2025
10	Soloing	Player will create a new melodic line to fit with a song's chord progression	Friday 28 th March 2025
11	Backing	The accompaniment in jazz	Friday 4 th April 2025
12	Blues scale	Scale used in jazz melodies and improvisation	Friday 25 th April 2025

Learning Week	Physical Training	Definition	Quiz Date
1	Specificity	Making training specific to the sport being played/movements used/muscles used/energy system(s) used	Friday 17 th January 2025
2	Progressive overload	Gradual increase of the amount of overload so that fitness gains occur, but without potential for injury. Overload is the gradual increase of stress placed upon the body during exercise training (more than normal)	Friday 24 th January 2025
3	Reversibility	Losing fitness levels when you stop exercising	Friday 31 st January 2025
4	Tedium	Boredom that can occur from training the same way every time. Variety is needed	Friday 7 th February 2025
5	Health	A state of complete physical, mental and social well-being, and not merely the absence of disease or infirmity	Friday 14 th February 2025
6	Invasion Games	Invasion games are team sports where the main objective is to invade the opponent's territory or zone to score goals or points, while also protecting your own territory to prevent the opposition from scoring	Friday 28 th February 2025
Sport Psychology			
7	Open Skill	A skill which is performed in a certain way to deal with a changing or unstable environment.	Friday 7 th March 2025
8	Closed Skill	A skill which is not affected by the environment or performers within it. The skill tends to be done the same way each time.	Friday 14 th March 2025
9	Self-paced Skill	The skill is started when the performer decides to start it. The speed, rate or pace of the skill is controlled by the performer.	Friday 21 st March 2025
10	Externally paced skill	The skill that is started because of an external factor. The speed, rate or pace of the skill is controlled by external factors.	Friday 28 th March 2025
11	Gross Skill	Using large muscle groups to perform big, strong, powerful movements.	Friday 4 th April 2025
12	Fine Skill	Small and precise movement, showing high levels of accuracy and coordination. It involves the use of a small group of muscles.	Friday 25 th April 2025

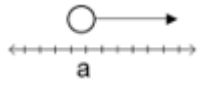
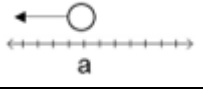
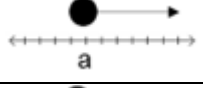
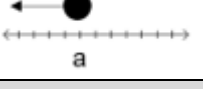
Learning Week	Term	Definition	Quiz Date
1	Equality	The state of being equal, especially in status, rights, or opportunities	Friday 17 th January 2025
2	Privilege	A special right, advantage, or immunity granted or available only to a particular person or group	Friday 24 th January 2025
3	Justice	Fairness; the principle that people receive that which they deserve	Friday 31 st January 2025
4	Diversity	Including or involving people from a range of different social and ethnic backgrounds	Friday 7 th February 2025
5	Persecution	Hostility and ill-treatment, especially because of race or political or religious beliefs	Friday 14 th February 2025
6	Status	Position or rank in relation to others	Friday 28 th February 2025
7	Liberation	The action of setting someone free from imprisonment, slavery, or oppression	Friday 7 th March 2025
8	Liberation theology	A movement in Catholic Christianity to address the problems of poverty and social injustice	Friday 14 th March 2025
9	Social change	Changing of the social order of a society	Friday 21 st March 2025
10	Feminism	The advocacy of women's rights on the basis of the equality of the sexes	Friday 28 th March 2025
11	LGBTQ	Terms that are used to describe a person's sexual orientation or gender identity	Friday 4 th April 2025
12	Disability	A physical or mental condition that limits a person's movements, senses, or activities	Friday 25 th April 2025

Year 9 – Cycle 2 – Science

Learning Week	Term	Definition	Quiz Date
1	Atomic number	The number of protons in an atom	Friday 17 th January 2025
2	Mass number	The total number of protons and neutrons in an atom	Friday 24 th January 2025
3	Ion	An electrically charged atom or group of atoms formed by the loss or gain of electrons	Friday 31 st January 2025
4	<i>Neutron</i>	Particle found in the nucleus of atoms, with a positive charge and a mass of 1	Friday 7 th February 2025
5	<i>Proton</i>	Particle found in the nucleus of atoms, with no charge and a mass of 1	Friday 14 th February 2025
6	The reactivity series	Potassium, sodium, calcium, magnesium, aluminium, zinc, iron, tin, lead, copper, silver, gold, platinum	Friday 28 th February 2025
7	Activation energy	The minimum energy particles needed for a reaction to take place	Friday 7 th March 2025
8	Law of conservation of mass	In a chemical reaction, atoms are not created or destroyed, only re-arranged	Friday 14 th March 2025
9	Thermal decomposition	A chemical reaction where a substance is broken down by heating	Friday 21 st March 2025
10	Magnification	The amount that an image of something is scaled up when viewed through a microscope	Friday 28 th March 2025
11	Photosynthesis	A chemical reaction that uses carbon dioxide and water, and needs light energy to produce glucose and oxygen	Friday 4 th April 2025
12	Limiting factor	A factor which limits the rate of a chemical reaction when in short supply	Friday 25 th April 2025

Learning Week	Non-Fiction	Definition	Quiz Date
1	Tone	Attitudes towards the subject and toward the audience implied in a literary work, for example: formal, informal, sarcastic, etc	Friday 17 th January 2025
2	Expert opinion	A belief or judgement about something given by an expert on a subject	Friday 24 th January 2025
3	Fact	Something that is known to happen or to exist, especially for which proof exists	Friday 31 st January 2025
4	Perspective	A particular attitude towards or way of regarding something	Friday 7 th February 2025
5	Autobiography	The account of a person's life written by that person	Friday 14 th February 2025
6	Biography	The account of a person's life written by another person	Friday 28 th February 2025
Shakespeare			
7	Soliloquy	A speech or passage in a drama when a character on stage speaks to himself or herself, expressing their inner thoughts and feelings	Friday 7 th March 2025
8	Blank verse	Unrhymed lines written in a poetic meter	Friday 14 th March 2025
9	Prose	Ordinary writing not organised with rhymes or fixed line lengths. It is the language that people speak in	Friday 21 st March 2025
10	Stage directions	Instructions written into the script of a play, indicating stage actions, movements of performers, or production requirements	Friday 28 th March 2025
11	Reciprocate	To return affection or love for someone in the same way that they feel it	Friday 4 th April 2025
12	Unrequited love	When one person feels love for another but the other person does not return their feelings	Friday 25 th April 2025

Learning Week	Term	Definition	Quiz Date
1	Nuremburg Laws	Anti-Jewish laws passed in Nazi Germany in 1935	Friday 17 th January 2025
2	Kristallnacht	'Night of Broken Glass', November 1938 when Jewish people shops and synagogues were attacked	Friday 24 th January 2025
3	Persecution	Targeting someone based on a protected characteristic, e.g., religion	Friday 31 st January 2025
4	Antisemitism	Prejudice against the so called 'Jewish race'	Friday 7 th February 2025
5	Ghetto	An overcrowded area where a particular ethnic group are forced to live	Friday 14 th February 2025
6	Concentration camps	Nazi prisons where Jews and other prisoners were forced to work	Friday 28 th February 2025
7	Extermination camps	Places where Jews and other prisoners were sent to be killed e.g., Auschwitz	Friday 7 th March 2025
8	Final solution	The Nazi name for the policy of killing all European Jews	Friday 14 th March 2025
9	Holocaust/Shoah	The mass murder of over 6 million Jewish men, women and children by the Nazis between 1941-1945	Friday 21 st March 2025
10	Genocide	The extermination of a particular group of people	Friday 28 th March 2025
11	Resistance	Actions to stand against something, e.g., ghetto uprisings, partisan attacks, keeping culture alive	Friday 4 th April 2025
12	Armenian genocide	Deliberate killing of Armenians by Ottoman empire in 1916	Friday 25 th April 2025

Learning Week	Measurement of 2D Shapes	Definition	Quiz Date
1	Perimeter	The distance around the outside of a 2D object	Friday 17 th January 2025
2	Area	The amount of space inside a two-dimensional shape	Friday 24 th January 2025
Inequalities			
3		$xx > aa$, greater than a	Friday 31 st January 2025
4		$xx < aa$, less than a	Friday 7 th February 2025
5		$xx \geq aa$, greater than or equal to a	Friday 14 th February 2025
6		$xx \leq aa$, less than or equal to a	Friday 28 th February 2025
Index Laws			
7	$aa^{mm} \times aa^{nn}$	aa^{mm+nn} for example, $2^5 \times 2^3 = 2^8$	Friday 7 th March 2025
8	$aa^{mm} \div aa^{nn}$	aa^{mm-nn} for example, $2^5 \div 2^3 = 2^2$	Friday 14 th March 2025
9	$(aa^{mm})^{nn}$	aa^{mnnn} for example, $2^{5 \times 3} = 2^{15}$	Friday 21 st March 2025
10	aa^0	1	Friday 28 th March 2025
11	aa^{-nn}	$\frac{1}{aa^{nn}}$ for example, $3^{-2} = \frac{1}{3^2}$	Friday 4 th April 2025
12	$\frac{1}{aa^{nn}}$	$nn\sqrt{aa}$ for example, $8^{\frac{1}{3}} = \sqrt[3]{8}$	Friday 25 th April 2025