# Knowledge Organiser Year 7 Term 3 

| Name: | Form group: | Masters of Recall Big Quiz: |
| :--- | :--- | :--- |


| Spellings |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
| perilous- involving or full of huge risk or danger. <br> raucous- harsh voices or disorderly behaviour. <br> dictate- an authoritative order or command. <br> connotations- something suggested by a word or thing. <br> campaign- to serve in or go on a campaign. | interpretations- to explain something and understand in a particular way. <br> statistics- a numberbased fact. <br> hopelessness- the feeling or condition of having no hope. <br> suppressing- To keep in or repress (a feeling, smile, groan, etc.). <br> courageous- to possess or demonstrate bravery. | console- to alleviate or lessen the feeling of grief, sadness, or disappointment. To comfort someone. <br> blasphemy- the action or offence of speaking sacrilegiously about God or sacred things. <br> opponent- a person who is on the opposing side. <br> uproarious- characterised by or provoking loud noise or uproar. <br> figurative- not to be understood literally- use of metaphorical language. | perpetrators- a person who carries out a harmful, illegal, or immoral act. <br> prohibit- formally forbid someone from doing something. <br> imposition- an unfair or unwelcome demand or burden. <br> obscenity- the state or quality of being offensive. <br> hysterical- wildly uncontrolled emotion. | devout-having or showing deep religious feeling or commitment. <br> pacifist- a person who believes that war and violence are unjustifiable. <br> anaphora- repeating the beginning of a sentence in multiple sentences. <br> interfere- to prevent a process or activity from continuing or being carried out properly. <br> palpable- easily noticeable. |  |

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

## Cover

Write

## Check

Cover it with your hand or a piece of paper.

Write it out, from memory.

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

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

## English

## Week 1: vocabulary

plight: a dangerous or difficult situation.
socioeconomic status: the social standing of a position or group.
inequality: unequal or unjust distribution of resources or opportunities to a person or group.
underclass: the lowest social group in a country or community.
disenfranchised: someone who is deprived of the right to vote or have power in their own lives.
universal human truth: an idea which everyone understands.

## Week 4: noun and verb sub-classes

## Nouns

abstract noun: states, feelings, and concepts, e.g., love, hope.
concrete noun: objects we can see/touch.
countable: counted and pluralised, e.g., cup(s), people
mass: can't be counted and not plural e.g., furniture, snow.

Verbs
material verb: actions or events, e.g., jump, wash.
relational verb: Identify properties or show states of being e.g., appear, become, be, grow
infinitive verb: A verb which has 'to' before it, e.g. To see is to believe.
modal verbs: likelihood, possibility, ability, or obligation, e.g., might, could, can, should, will.

I am Malala

Week 2: academic writing 1

## ACADEMIC VERBS

## The writer..

challenges provokes educates questions criticises enlightens reveals empowers

$\square \quad$| profoun |
| :--- |
| inspiring |

Week 3: academic writing 2
Writing a Thesis Statement:
NAME, VERB, POINT, PLACE, (COMMA), QUOTATION
e.g., Shan creates a disturbing tone at the opening of the novel, 'eat me alive, from the inside out.'

Thesis statement and introducing authorial intent and influence:

The writer reflects their own experiences by...

The writer echoes real events and attitudes when...

The writer challenges their reader to...

The writer is motivated by..
Week 5: grammar knowledge $\quad$ Week 6:

## Perspective

first person: the narrator is a character in the story, dictating events from their perspective using ' $I$ ' or 'we'.
second person: written directly to the reader, using 'you'.
third person perspective: the narrator exists outside of the story and addresses the characters by name or uses 'he/she/they' and 'him/her/them'.

## Week 6

## Week 1: revision

commutative: gives the same result regardless of the order. E.g. $3+4=4+3$
inverse: the opposite operation
integer: whole number

## fact family Part + Part = Whole

Whole - Part = Part
like terms: terms with the same variable and power
solve: to find the value of the unknown

## algebraic notation

4 y means $4 \times \mathrm{y} \quad \frac{4}{y}=4 \div y \quad y^{4}=y \times y \times y \times y$

## Week 4: adding and subtracting application

partition: breaking down a number into smaller parts.
frequency: the number of times an event occurs.
perimeter: the line forming the boundary of a closed shape. Comes from Greek, 'peri' meaning 'around' and 'metron' meaning 'measure'.
credit: money going into a bank account
debit: money going out of a bank account
profit: a financial gain
loss: a financial decrease (losing money)

## Week 2: adding

Words that mean 'to add'...
sum: the sum of 5 and 6 is equal to 11
total: the total of 5 and 6 is 11
altogether: Harvey has 5 counters and Katy has 6
counters. Altogether they have 11 counters
increase: Increase 5 by 6 to get 11
more than: 6 more than 5 is 11

Addend + Addend = Sum

$$
5+6=11
$$

5 is an addend 6 is an addend $\quad 11$ is the sum.
Week 5: multiplication and division
product: the answer to a multiplication.

Factor x factor $=$ product

$$
3 \times 6=18
$$

The product of 3 and 6 is 18
factors: numbers we multiply to get another number.
quotient: the answer to a division.
Dividend $\div$ divisor $=$ quotient

$$
20 \div 4=5
$$

dividend: the number being divided
divisor: the number you are dividing by
.
d
,

## Week 3: subtracting

Words that mean 'to subtract'...
minus: 11 minus 6 is equal to 11
take away: 11 takeaway 6 leaves 5
decrease: decrease 11 by 6 to get 5
less than: 6 less than 11 is 5
difference: the difference between 11 and 6 is 5

Minuend - Subtrahend = Difference
$11-6=5$
The minuend is 11 .
The subtrahend is 6
The difference is 5 .

| Science | Diffusion, Chemical Reactions and Forces |  |  | Year 7 | Term 3 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Week 1: diffusion |  | Week 2: gas exchange |  | Week 3: chemical reactions |  |
| diffusion ${ }^{\text {th }}$ | the net movement of particles moving from a region of high concentration to an area of low concentration | alveoli | tiny air sacs in the lungs where gas exchange happens | molecule | 2 or more atoms bonded together the atoms can be the same or different |
|  |  | stomata | small opening on the surface of a leaf where gas exchange happens | chemical reaction | a process which involves the rearrangement of atoms to form new substances |
| concentration the | the number of particles of a substance in a set volume | diaphragm | a sheet of muscle found under the ribs |  |  |
| exchange $\begin{array}{ll}\text { the } \\ & \text { rec }\end{array}$ | the act of giving one thing and receiving another | ribs | bones that encase and protect the lungs and heart. | reactants | the substances found at the beginning of a reaction |
| net movement the | the overall movement | intercostal | muscles in between the ribs that | products | the new substances produced at the end of a reaction |
| particle the | the smallest unit of a substance, | muscles | help to move the ribcage |  |  |
| The diagram below shows diffusion happening in a leaf. |  | inhale the process of breathing air into the lungs |  | physical reaction | a process which involves a change of state (rearrangement of particles) but no new substance is formed |
|  |  | exhale | the process of breathing air out of the lungs | precipitate | an insoluble solid formed from a reaction |
|  |  | Use the diagram below to learn the names of the parts of the respiratory system. |  | $\rightarrow$ | the arrow in a chemical equation means "reacts to make" |
| $\mathrm{CO}_{2}$ |  |  |  | The diagram below shows a chemical reaction The arrow in a chemical equation means "reacts to form" |  |
| Carbon dioxide diffuses into the leaf. It is needed for photosynthesis. | during <br> photosynthesis. It diffuses out of the leaf into the air. |  |  |  |  |


| Week 4: combustion and oxidation |  |
| :--- | :--- |
| combustion | a chemical reaction between fuel <br> and oxygen (burning) |
| oxidation | a chemical reaction where an <br> element gains oxygen |
| oxide | the second name of a substance to <br> show that oxygen is bonded e.g. <br> calcium oxide |
| fuel | a substance that is burned to release <br> energy, also known as a hydrocarbon |
| mean | the average - it makes results more <br> reliable and accurate |

## How to calculate the mean

1,2,5,3,4,3,2,2

Step 1: add together all of the numbers.

$$
1+3+5+3+4+3+2+2=23
$$

Step 2: divide you answer from step 1 by the number of numbers that you have in your data.

$$
23 \div 8=2.875
$$

Step 3: round your number to one whole number
$2.875 \rightarrow \underline{3}$

## Week 5: forces

| force | a push or pull effect |
| :--- | :--- |
| contact force | a force produced by two <br> objects touching |
| non-contact force | a force produced when two <br> objects are not touching |
| friction | a force that goes against a <br> moving object |
| air resistance | a force created by air particles <br> acting against a moving object |
| normal contact | a force applied to an object by <br> a supporting surface |
| upthrust | an upward force created by <br> water against floating objects |

The diagram below shows that forces acting on a tennis ball as it falls.


| French | Au Collège 1 |  | Year 7 | Term 3 |
| :---: | :---: | :---: | :---: | :---: |
| Week 1: Les matières | Week 2: Quand? |  | Week 3: Quelle heure est-il ? |  |
| Qu'est-ce que tu étudies ? What do you study ? <br> J''étudie... I study... <br> le français French <br> le théâtre drama <br> la géographie geography <br> la musique music <br> la technologie technology <br> l'EPS PE <br> l'histoire history <br> l'informatique ICT <br> l'anglais English <br> les arts plastiques/le dessin art <br> les sciences science <br> les maths maths <br> J'étudie I'histoire et les sciences I study history and science  <br> To say what lesson you have use 'j'ai + subject' (remove the  <br> article le/la/les/l') eg. I have maths = J'ai maths  | aujourd'hui <br> le lundi <br> le vendredi <br> le matin <br> l'après-midi <br> tous les jours <br> et <br> aussi <br> puis <br> après <br> la récré <br> I'heure du déjeuner <br> le lundi matin, j'ai fran On Monday mornings, Puis, après l'heure du Then, after lunchtime, | today <br> on Mondays <br> on Fridays <br> in the morning <br> in the afternoon <br> every day <br> and <br> also <br> then <br> afterwards <br> break <br> lunch time <br> anglais et maths. <br> French, English and maths. ner, on a EPS. <br> ave PE. | il est une heure <br> il est quatre heures <br> il est trois heures et demie <br> à huit heures <br> à neuf heures et demie <br> à une heure et demie <br> l'après-midi <br> le matin <br> le matin à neuf heures et in the morning at 9.30am <br> I'après-midi, à une heure In the afternoon, at 1 o'c | it is 1 o'clock it is $4 o^{\prime}$ clock it is half past 3 <br> at 8 o'clock at half past 9 at half past 1 <br> in the afternoon in the morning <br> j'ai maths maths <br> nglais. <br> have English. |
| Week 4: Les opinions | Week 5: Les adjectifs |  | Week 6: |  |
|  | parce que c'est... <br> parce que ce $\mathrm{n}^{\prime}$ est pas... <br> très <br> assez <br> un peu <br> intéressant <br> facile <br> amusant <br> ennuyeux <br> difficile <br> nul <br> car le/la prof est... <br> sévère <br> sympa | because it is... <br> because it isn't... <br> very <br> quite <br> a little <br> interesting <br> easy <br> fun <br> boring <br> difficult <br> rubbish <br> the ( $m / f$ ) teacher is... <br> strict <br> nice |  |  |

## Geography

## Week 1: introduction to ecosystems

ecosystem: an environment containing abiotic (nonliving) and biotic (living) components.
abiotic: a non-living part of an ecosystem i.e. plants, animals, bacteria.
biotic: a living part of an ecosystem i.e. plants, animals, bacteria
flora: plants
fauna: animals

## Week 4: rainforest structure

buttress roots: large wide roots which provide support for a shallowly rooted tree.
canopy: where the upper parts of most of the trees are found
emergent trees: the few trees which grow above the canopy layer.
epiphytes: plants which can grow on the branches of trees without soil.
shrub layer: the undergrowth of the forest containing shrubby vegetation and seedling trees.

| Week 2: key terms | Week 3: food chains |
| :--- | :--- |

producer: an organism or plant that is able to absorb energy from the sun through photosynthesis.
consumer: organisms that obtain their energy from eating other organisms.
biome: a large scale ecosystem, such as a savanna or tropical rainforest.

## Week 5: deforestation

deforestation: the action of clearing a wide area of trees.
subsistence farming: keeping animals and crops for ones own use, without extra for trade.
logging: cutting down large areas of trees in order to sell the timber.
food chain: a series of organisms each dependent on the next as a source of food.

of energy.
trophic level: this represents the level that the energy transfer has reached.
trophic cascade: an event which affects every trophic level.

## Week 1: Chronology

Medieval Period sometimes called the 'Middle Ages'
hierarchy: a system or organization in which people or groups are ranked one above the other according to status or authority.

Feudal System: a system to control the land.
generalisation: a belief that is applied to a group of people.

## Week 4: King John and the Magna Carta

Magna Carta: issued in June 1215 and was the first document to put into writing the principle that the king and his government was not above the law.
justice: the condition of being morally correct or fair.
revolt: take violent action against an established government or ruler; rebel

## Week 2: Eleanor of Aquitaine

Aquitaine: the largest and richest region in Medieval France.

Crusade: a religious war between Christians and Muslims about who controlled Jerusalem (the holy land).

## Eleanor of Aquitaine

- First married King Louis of France, when they separated, she kept control of Aquitaine.
- Second husband was King Henry II, she helped him to rule England and Aquitaine.


## Week 5: Black Death

Black Death: a pandemic that arrived in England in
1348. It is estimated that the disease killed around 50 million people.
buboes: a swollen inflamed lymph node in the armpit or groin.

Silk Road: a network of trade routes that connected Asia to Europe during the Medieval period.
miasma: a poisonous air. People believed miasma caused the Black death.
quarantine: separates and restricts the movement of people who were exposed to a contagious disease to see if they become sick.

Week 3: Henry II and Thomas Becket
clergy: members of the Christian church- religious leaders.

Archbishop of Canterbury: head of the Catholic Church in England.
excommunicated: officially exclude (remove) someone from the Christian church.

## Week 6

## Religious Studies

## Week 1: Sunni and Shi'a

## Key beliefs in Islam:

- Followers of Islam are called Muslims.
- Muslims worship in a Mosque and follow the teachings of their holy book, the Qur'an.
- Islam is a monotheistic religion - they believe in one true God, Allah.
Abrahamic religions: Judaism, Christianity, and Islam all recognise Abraham as their first prophet, they are also called the Abrahamic religions.

Sunni: The Sunni leader should be elected. Sunni Muslims believe that Abu Bakr, Muhammad's advisor and close friend, was the rightful leader after his death.

Shi'a: Shia Muslims believed that Muhammad had named his cousin Ali as his successor.

## Week 4: Salah-Sunni and Shi'a

Mosque (Masjid): the holy place of worship for a Muslim.
Inside the Mosque:

- There are no images of religious figures to show respect
- Decorated with Islamic architecture
- A place or prayer, study or celebration


## Prayer at the Mosque:

- men and women pray in separate rooms
- prayer involves bowing and kneeling as
- encourages self-discipline
- keeps Muslims in close contact with Allah


## Week 2: Shahadah

The Shahadah: the declaration of faith or the key statement of belief of Muslims. Muslims are expected to know the declaration of faith.

For Sunni Muslims, the Shahadah is: "There is no God but Allah and Muhammad is the Prophet of Allah."

Shi'a Muslims add an extra phrase to the Shahadah: "And Ali is the friend of God."

## Week 5: Salah

Rak'ah: when Muslims pray, they follow a cycle this is called a rak'ah. This includes saying "Allahu Akbar", which means "God is great", multiple times as well as reciting the first chapter of the Qur'an.


## Week 3: Salah

Before prayer Muslims perform a washing ritual (Wudu) so that they are spiritually clean. Mosques have washrooms where this washing can be performed. The ritual involves washing faces, hands and feet under running water. If water is not
available, sand or dust can be used. This is seen as a sign of spiritual washing.

During prayer Muslims face the city of Makkah. In a mosque, the mihrab marks the direction of prayer. If a person is praying outside a mosque, a compass on a prayer mat can be used.

Niyyah: a conscious intention to pray. Prayer starts with a declaration of Niyyah.

## Week 6

Computing

## Week 1: revision

brute Force Attack: a hacking method that uses tria and error to crack passwords, login credentials, and encryption keys
non-attributable: where something is not visually traceable back to you
hardware: the machines, wiring, and other physical components of a computer
software: the programs that are run on computer hardware. there are two types of software: systems software and applications software.

## Week 4: vector graphics

vector graphics: graphics based on mathematical relationships with control points that make up the image. These points are connected by lines and curves

## Vector graphics

## Week 2: revision

sequence: the order which the computer will run code, one line at a time
selection: a decision made by a computer choosing what code should be run when certain conditions are met
iteration: when a section of code is repeated severa times. Also known as forever loop
variable: a value that can change depending on conditions in the program, for example, the score of a variable.

## Week 5: raster graphics

raster graphics: also called bitmap graphics. Type of digital image that uses tiny rectangular pixels, or picture elements, arranged in a grid formation to represent an image.

| advantage | disadvantage |
| :--- | :--- |
| better sense of realism <br> than a vector graphic. | harder to scale than vector <br> graphic due to loss of <br> quality. |


called vector paths or vectors.

## advantage

- scalable. When you resize a vector graphic the mathematical relationships mean that the image does not lose quality.
- loss of realism. Vector graphics are never going to be as lifelike as bitmaps or photos.

disadvantage


## Week 3: graphics

resolution: indicates the number of pixels that are displayed per inch for an image
pixel: the smallest unit of a digital image or graphic that can be displayed and represented on a digital display device
colour depth: the maximum number of colours an image can contain
realism: the fact of representing a person or thing in a way that is accurate and true to life.

## Week 6

## PSHE

## Week 1: British Values

## What are the British Values?

- Democracy
- Rule of law
- Individual liberty
- Respect and tolerance


## Why do we have British Values?

- Allow us to create environments free from discrimination, intolerance and hate.
- They help us to challenge prejudice and stereotyping, whilst strengthening relationships within the community.


## Week 4: rule of law

Rule of law: a situation in which the laws of a country are obeyed by everyone. Where individuals,
businesses and the government have a responsibility
to follow the rule of law, and can be punished when
they do not

## Week 2: what is a democracy?

Democracy: is a system of government in which laws, policies and leadership are directly decided by the people through voting.

## Parliament includes:

- House of Commons - The first chamber (part)
- The House of Lords - The second chamber (part)
- The King (the monarch)


## Week 5: individual liberty

Individual liberty: protection of your rights and the right of others you work with. Freedom to practice human rights.

Human rights: are a set of universal rights that all humans are entitled to regardless of their age, race, religion or gender.

The Universal Declaration of Human Rights was published in 1948, and sets out the rights that all humans should be entitled to. After WW11, may countries got together to decide on which rights would protect people from ever having to experience horrors such as the Holocaust again.

## Week 3: how to vote in the UK

General election: the election of representatives to a House of Commons from constituencies (area)
throughout the country.

## Who can vote in the UK?

- Anyone aged 18 or over,
- A citizen of the UK, a Commonwealth country or the Republic of Ireland.
- Not in a category barred from voting (see below).


## Who is not allowed to vote in the UK?

- Members of the House of Lords.
- Those in prison.
- People convicted of cheating when voting are barred for five years.
- Those who are not sound of mind and have been detained in hospital.


## Week 6

## Music

Composition
Year 7
Term 3

Week 1: musical notation

treble clef: represents notes played above a middle C. Played with right hand.
bass clef: represents notes played below a middle C. Played with left hand.
bar: how we split music up.

sharp: raises the pitch of a note by a semitone. Played as the black note to the right.
flat: lowers the pitch of a note by a semitone. Played as the black note to the left.
natural: cancels out a flat or sharp. Played as the normal white note.

## Week 4: notes on a stave - bass clef



$$
\begin{array}{lllll}
G & B & D & F & A
\end{array}
$$

A C E G



Week 2: note values
semibreve: a note lasting 4 beats
minim: a note lasting 2 beats
crotchet: a note lasting 1 beat
quaver: a note lasting half a beat
semiquaver: a note lasting a quarter of a beat




 ..... e
W
dynamics: the volume of a piece of music. $p p, p, m p$, $m f, f, f f$, crescendo.
tempo: the speed of a piece of music. lento, adagio, andante, moderato, allegro, presto.
structure: the sections within a piece of music
pitch: the high and low notes
texture: the musical layers
rhythm: the arrangement of notes and rests
harmony: complimentary notes played simultaneously

Week 3: notes on a stave - treble clef


## Week 6


2

## Design and Technology

## Week 1: the design process

research: finding out more information about something to help make good decisions, like when you look up facts or ask questions to learn more about a topic.
primary research: the direct collection of original data from first hand sources, such as surveys, interviews, experiments, or observations,
secondary research: the analysis and interpretation of existing data and information collected by others, such as product reviews and statistical data.

## Week 2: initial ideas

## Initial ideas should:

- be created quickly;
- demonstrate your imagination and creativity;
- communicate your ideas clearly;
- include labels and annotation.
annotation: notes on your design work that provide explanations or comments.

Week 3: CAD and CAM
CNC (Computer Numerical Control): CNC is a type of machine that follows precise computer instructions to cut, shape, or carve materials.
laser cutter: a laser cutter is a high-tech CNC machine that uses a powerful laser beam to cut, etch, or engrave materials with incredible precision.

| Week 4: pewter casting | Week 5: creating prototypes | Week 6 |
| :--- | :--- | :--- |
| pewter casting: a method of creating objects by <br> melting pewter (a type of metal) and pouring it into <br> molds to form specific shapes, often used to craft <br> decorative items or detailed figurines. | Designers create prototypes to: <br> $\bullet$ test ideas <br> $\bullet$ see details <br> e <br> fix problems with the design <br> esow others their ideas <br> ladle: a long-handled spoon-like tool used to scoop, <br> pour, or transfer liquids or molten materials, similar to <br> a specialised tool for moving hot substances safely. |  |
| test materials |  |  |
| PPE (Personal Protective Equipment): includes gear <br> like visors, goggles, gloves, and more that you wear to <br> keep yourself safe when working with potentially <br> hazardous materials or in dangerous environments. |  |  |

## Art and Design Key Concepts

| Week 1: what is painting? | Week 2: primary colours | Week 3: secondary colours |
| :--- | :--- | :--- | :--- | :--- |
| painting: a visual art form where colours and pigments <br> are applied to a surface, often using brushes. | In paint, the primary colours are red, blue, and <br> yellow. <br> These colours are considered fundamental because <br> ideas, emotions, or aesthetics, serving as a creative <br> means of communication and storytelling. <br> they cannot be created by mixing other colours. | secondary colours: created by mixing two primary <br> colours. In the subtractive colour model used for <br> pigments, combining primary colours produces the <br> following secondary colours: |

## Knowledge Recall Questions

Step 1 - learn the knowledge using your recall book and look, cover, write, check, correct.

Step 2 - from memory, complete the weekly recall questions. These are mandatory. Use family and friends to test you ©

Step 3 - any question you cannot confidently answer, go back and learn the knowledge again.

## Science

## Week 1: Biology - Diffusion <br> 1. Define the word diffusion.

2. Which gas diffuses into a leaf?
3. What is the gas names in question 2 used for?
4. Which gas diffuses out of a leaf?
5. Where is the gas in question 3 made?
6. Define particle.
7. What does exchange mean?
8. Define concentration.
9. What does 'net movement' mean?

Week 2: Biology - Gas Exchange

1. What happens in the alveoli?
2. Where does gas exchange happen in leaves?
3. What is the function of the ribs?
4. What is an intercostal muscle?
5. What is another word for 'breathing in?'
6. What is another work for 'breathing out?'

Label the diagram below with the following words: Nasal cavity, bronchus, bronchioles, diaphragm, trachea, intercostal muscle, ribs, alveoli


Week 3: Chemistry - Chemical Reactions

1. What is the name given to two or more atoms bonded together?
2. What does the arrow mean in a chemical equation?
3. What is the name given to the substances at the start of a chemical reaction?
4. What is the name given to the new substances at the end of a chemical reaction?
5. What is a precipitate?
6. Look at the word equation below:

## Carbon + oxygen $\rightarrow$ carbon dioxide

a) Name the product in the equation.
b) Name the reactants in the equation.


| French | Au college 1 - at school | Year 7 Term 3 |
| :---: | :---: | :---: |
| Week 1: My subjects | Week 2: Quand? | Week 3: Quelle heure est-il ? |
| Translate in to French 'I study French’. | Match up the time frames: | Translate these times in to English: <br> il est neuf heures = <br> il est onze heures = |
| Translate in to English 'J'étudie les maths et le dessin'. | le matin lunch time <br> l'après-midi in the afternoon <br> tous les jours break | il est treize heures = <br> à dix heures et demie = <br> à onze heures et quart = |
| Translate in to French 'I study English and history'. | et on Fridays <br> aussi on Mondays <br> puis and <br> après afterwards | à dix heures moins le quart = <br> Translate the following sentences : |
| Translate in to English 'j'ai sciences et géographie'. | la récré also <br> l'heure du déjeuner in the morning | Le matin, à neuf heures j'ai maths. |
| Translate in to French 'I have music'. | Translate: <br> Today I study maths and then in the afternoon, I study French | L'après-midi à treize heures j'ai anglais. <br> À dix heures moins le quart j'ai EPS. |
| Translate in to French 'I study drama and PE'. |  | L'après-midi à deux heures j'ai français. |



| Geography | Why are ecosystems so important? | Year 7 Term 3 |
| :---: | :---: | :---: |
| Week 1: Introduction to ecosystems | Week 2: Key terms | Week 3: Food chains |
| 1. What is an ecosystem? | 1. Define a producer | 1. What is a food chain? |
|  |  | 2. What do arrows on a food chain show? |
| 2. What is the difference between abiotic and biotic? | 2. Define a consumer | 3. What is a trophic cascade? |
| 3. What is fauna? | 3. What is a biome? | Label the trophic levels, producers and consumers on the food chain below. |
| 4. What is flora? |  | $\rightarrow \underset{\text { A } 4 \text { Unked Food chain }}{ } \rightarrow$ |
| Week 4: Rainforest structure | Week 5: Deforestation |  |
|  | 1. What is deforestation? |  |
| ** | 2. What is subsistence farming? |  |
|  | 3. What is logging and how is the different from deforestation? |  |

## Music

## Composition

## Week 1: musical notation

1. What clef tells you to play with your right hand?
2. What clef tells you to play with your left hand?
3. What does a bar do?
4. How do you play a sharp?
5. How do you play a flat?
6. How do you play a natural?

Week 2: note values
Week 3: notes on a stave - treble clef

1. Draw a semibreve, how many beats does it last for?
2. What note sits on the third line of the stave?
3. Draw a minim, how many beats does it last for?
4. Draw a crotchet, how many beats does it last for?
5. Draw a quaver, how many beats does it last for?
6. Draw a semiquaver, how many beats does it last for?
7. What note sits on the fifth line of the stave?
8. What note sits on the first line of the stave?
9. What note sits in the first space on the stave?
10. What note sits in the third space on the stave?

## Music

| Week 4 : bass clef |
| :--- |
| 1. What note sits on the third line of the stave? |

2. What note sits on the fifth line of the stave?
3. What note sits on the first line of the stave?
4. What note sits in the first space on the stave?
5. What note sits in the third space on the stave?

Week 5: musical elements

1. Order the dynamic markings from quietest to loudest.
2. What is structure?
3. What is pitch?
4. What is tempo?
5. What is texture?
6. What is rhythm?
7. What is harmony?

| Week 1: the design process | Week 2: sketching initial ideas | Week 3: CAD and CAM |
| :---: | :---: | :---: |
| 1. What is the purpose of research? <br> 2. What is the difference between primary and secondary research? | 1. What are the important elements to remember when creating initial design ideas? <br> 2. What is annotation? | 1. What does CNC stand for? <br> 2. What is a laser cutter? |
| Week 4: pewter casting | Week 5: creating prototypes | Week 6: metals |
| 1. Briefly describe the process of pewter casting: <br> 2. What does PPE stand for? | 1. Why do designers create prototypes? Give 5 distinct reasons: | 1. What is an ore? <br> 2. What is the meaning of the term 'malleable'? |

