United Learning

Name:
Tutor Group:
Tutor \& Room:

> "If you are not willing to learn, no one can help you.
> If you are determined to learn, no one can stop you."

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## Your Knowledge Organiser and Self-Quizzing Book

 years. long-term memory.

Self-Quizzing Book
This is the book that all Knowledge Organiser homework is to be completed in.

You must follow the simple rules as to how they are to be used.

Knowledge Organisers Knowledge Organisers contain critical, fundamental knowledge
that you MUST know in order to be that you MUST know in order to be successful in Year 7 and subsequent

They will help you recap, revisit and revise what you have learnt in lessons in order to move the knowledge within from your short-term memory to


How do I complete Knowledge Organiser homeworks?
You will be set a MINIMUM of 2 Knowledge Organiser homeworks in every subject each half term



Can I write in paragraphs? The TIPTOP rule
You move onto a new paragraph when you
change Iime, Ilace, Iopic or Person.
I always start an essay with an introduction which I finish an essay with a conclusion to
summaris the main points of my argument summarise the main points of my argu
and to address the question again. I use connectives in each paragraph to link
my ideas and to put them in a logical order:


Have I used the correct grammar?
Have I used the correct grammar? aware that I must use languag
appropriate to $m y$ reader. o slang that lesson was bene No informal language ' 'm gennea do my homework now
Other things to consider: lam clear about the purpose of this lam clear about
piece of writing
I know who my gudience is
I will use a suitable layout and text type
Literacy Fundamentals
Literacy Fundam
1 of 2

I am proud of my work because... I have written clearly so that my reader
can understand my writing easily. can understand my witing easily, I have checked my
corrected any errors.
I have used full sentences with a subject have used full sentences with a subject
and a verb. Ihave used correct punctuation and grammar.
I have paragraphed my work using TIPTOP.
My witing is suitable for the person 1 am
wititing for.
Can I spell familiar words accurately?
Common contractions

We must use an apostrophe to replace any
letter(s) we have left out.

Can I use different sentence types? $\frac{\text { simple sentincess: Contains a subject and a verb }}{\text { and can contain an obiect }}$ S Sarah likes to read in the library, Tom enjoys reading at home
Compound sentences: Joins two simple sentences Compound sentiencess: Joins two simple sentences
Using the connectives for ford, nor, but, or, yet, 30 Sarah lives to oead in the library but Tom
prefers to oread at home.
Complex sentences: A complex sentence contains a conjunction such as because, since, after, a coniunction such as because, since, alier,
although, or when.
Because Robert fell tired, he only studied all hour.
Although the rain had stopped, the pitch was stil
water-logged water-logged.
Paul enjioys Music, however, he is more Paul enjoys Music
proficient in Art.
C Homophones
I have checked that I have not mixed up my
homophones.
Affect/effect homophones. One/won
$\begin{array}{cc}\text { Affect/efiect } & \text { One/we } \\ \text { Bare/bear } & \text { Passed/pa } \\ \text { Prace/pe }\end{array}$
Bare/bear $\left.\quad \begin{array}{l}\text { Passed/past } \\ \text { Brake/break } \\ \text { Peace/piece }\end{array}\right)$
Buy/by
Bor/four
Flour/flower
Grate/great
Hair/hare
Hole/whole
Hole/whole
Hour/our
night/nigh
Know/no
Meat/mee

Practice (n)/practis
Readred
$\qquad$
sight/site
son/sun
To/too/two
Wait/weight
Weak/week


The Secret Garden Characters


Whole Academy Reading
1 of 2
redurion
The Secret Garden is a children's novel by British write Frances Hodgson Burnet, first pubblished in 1911. The story,
centres around a little gitil named Mary tennox who was bom in India to wealthy parents. Marr's life in India suddenly

The book opens by introducing Mary Lennox, a sour and disagreeable 9 -year-old girl. She lives in India with her
fother, a Bitish shatesman
 and will indulge Mer
everything for her.



 surounded by friends. She begins the book
character, but is later displaced by Colin.
Dickon Sowerby - Dickon is alternately described as "a
common moor boy" and "a Yorkshire angel"; he is both.
con Common moor boy" and "a Yorkshire angel"; he is both.
TWo years older han Colin and Mary, Dickon has ived
on Missel Moor his ntive life and has duniuely intimate
 the god Pan (the god of...: he has rosy cheeks. rough
cutry hai, and blue eyes precisisly the same colour as
the skiver the sky over the morr, he even carries samet of ofan-
pipes. Like Pan, he has the power to charm both pipes. Like Pan, he has
animals and people.
Ben Weatherstaf- Ben Weatherstaff is a gruff elderly
 because he was a f tovourite of the e late Mistress Craven.
He introduces Mary to the robin realreast, and helps the
chidren keep the secret of the garden children keep the secret of the garden.
Lilias Craven - Archibald's late wife, who died ten years
before the outset of the novel. Her spirit is associated
before the outset of the novel. Her spirit is associate
with both roses and the secrer gorden. Herportrioit
hang
 represents an absenti ideal.
Mrs. Medock - The head of the servants at Misselthwaite
Manor, Mrs. Mediock is distinguished by her runctiicus
 her rigid extenior, she, iliee all the people of Yorkshire, is
bosicall| kind. She and Susan sowerby were friends in
their girhood.
heir. He was born shorly after the death of his mother,
and his ather could not bear to look at him because o
his resemblance to her. and his tinher coula no
his resemblance to her.
Susan sowerby. The
Susan Sowerby - The mother of Martha and Dickon
las well as of twelve other children), Susan Sowerby
laction

 Virgin Marry (the mother of Jesus Chist). Both Mary and
Colin express the wish that she were their mother; storie Colin express the wish that she were their mother, stories
of hersustain ecach of them before their respective
transormations. ansformations.
Archibald Craven - The master of Misselthwaite Manor,
who suffers from a crooked spine and general il heath. the sutiers trom a crooked spine and general il health
He crushing depression ever since the
Heacth of $h$ is wife ten He has been in a crushing depression ever since the
death of his wife, ten years befret the novel begin
Archibold spends most of his time abroacd. Martha Sowerby - Marr's friend and maidserva
Martha is distinu uished by her charming tranknes and level headeded dopporoch hto all ospects of life.
 people of Yorkshire.
Dr. Craven - Archibald's brother and Colin's uncle, he
tends to Colin during the latter's illesss. He is a bit stuffy and officious, and both Colin and Masry laugh at him at every opportunity. Described as a weak man, he
hal-honeps.of Colin's death so that he might inherit
Misselthwaite hall-hopes for C
lisselthwaite.



- Plot: The series of events that take place in a play.
- Posture: The position a character holds themselves in when sitting or standing.

Promenade Theatre: A style of theatre that requires the audience to follow the actors between different
performance spaces over the course of the play This usually takes place outdo
performance spaces over the course of the play. This usually takes place outdoors.
Prop: An item on stage that the characters can interact with. If a prop is specific to one character, it's called
a personal prop. a personal prop.
Role on the wall: A rehearsal technique that involves writing thoughts, opinions and personality traits inside a
character's outline to aid characterisation.
Stage directions: Any instructions written in a script by the playwright to explain how a play should be performed.
Stimulus: A starting point for your devised piece that you should use to inspire your performance.

- Theatre in the round: A style of staging which seats the audience on all sides of a central stage.
- Thought tracking: When a character tells the audience their thoughts during a pause in the action.
- Thrust stage: A stage which expands out into the audience, so that they're seated on three sides

Traverse stage: A long, narrow stage which runs between the audience, who face the stage on both sides.
Wings: The space to the side of a stage which is used for storage and as a waiting area for the actors


Wolves of Willoughby Chase - Context \& Biography

| Context | Key Characters |  |
| :---: | :---: | :---: |
| Author: Joan Aiken (1924-2004) <br> Nationality: British <br> Other notable works: 'The Wolves Chronicles', 'Nightfall' <br> Dates: published in 1962 <br> Genre: Alternate history, Gothic, Adventure <br> Set: England, an alternate time period that never happened | - Bonnie Green: only daughter of Sir Willoughby <br> \& Lady Green. <br> - Sylvia Green: Bonnie's cousin and <br> Jane's daughter. <br> - Sir willoughby: the wealthy owner of Willoughty ccasase, father to Bonnie and younger brother. | - Josiah Grimshaw: worked for Mr. Gripe until he was sacked. <br> Mrs. Moleskin: she is the cook at <br> Mrs Brisket's orphanage. <br> - Pattern: Bonnie's maid. <br> - Simon: a boy who is not much older than |
| Author biography <br> - Born in Rye, Sussex in 1924 <br> - Home schooled and never attended university. <br> - Started writing at sixteen. <br> - Her first children's story was broadcast on BBC radio when she was seventeen. <br> - Produced more than a hundred books, including more than a dozen collections of fantasy stories, plays, poems, and modern and historical novels for adults She was <br> - She was a ifelong fan of ghost stories and horror witiers such as M.R. James. <br> - Awarded an MBE for her sevices to children's literature, along with the | - Aunt Jane Green: she is aunt to Bonnie and <br> - Miss Lefitia slightarp: distant cousin 4 ith removed) of sit willoughty and charged with toking care of the oints while Sir Willoughby takng care ot he giris whies and Lady Green ore oway. <br> - Mrs. Getrude Brisket: owner of an orphanage. <br> - Diana Brisket: Gertude's daughter. <br> - Mr. Gine: ithe Greens' loyal and trusted family lawyer. | James: a footman at willoughby Chase, <br> Lucy \& Emma: orphans at Mrs Bisket's <br> orphanage/fiends of Bonnie and Syvia. <br> - Alice: an orphan at Mrs Biskef's orphanage <br> who helps Mirs. Bisket. <br> Dr. Gabriel field: cares for Aunt Jane when she isil. <br> Mr. Firendshipp the inspector of the oronhange <br> the orphanage. |

Greek mythology is the body of myths originally told by the ancient Greeks. These stories concern the origin and nature of the world and the lives and activities of
heroes and mythological creatures. These myths were adopted and witten down by the Roman Empire but like Norse and British my my were initially part of the oral-poetic storyelling tradition.

| Mythological characters of study |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Zeus (Jove) | King of Gods and leads the twelve great Olympian gods. Brutal, merciless and unforgiving. | Midas | Full of hubris. When given one wish from the great god Dionysus, asks that everything he touches turn to gold. Proud, fun-loving and superficial. | Polyphemus | One of the cyclopes from Greek mythology Polyphemus the Cyclops was a one-eyed giant that ate men. |
| Lycaon | Tested Zeus' power and roasted the flesh of his own son. Punished by Zeus and turned into a wolf. | Icarus | Son of Daedalus who created the labyrinth to imprison the minotaur. Tries to escape by flying but gets too close to the sun. Naïve, doomed and a little arrogant | Achilles | Archetypal Greek hero who took part in the Trojan War. |
| Prometheus | Stole fire for his people, knowing that Zeus would <br>  liver. Selfless, suffering and compassionate. | Medusa | Mortal who is oftacked by Poseidon, god of the sea. She is punished by A Ahena, who turns her hair int s sokes ond everone who looks into Medusa's eyes turns to stone. | Thor | Good natured and strong, Thor was a Nordic god and son of Odin. He wore a belt of strength and a hammer named Mjollnir, that was forged by dwarves. |
| Pandora | A mortal sent to earth as a way to punist the people of Prometheus. Given a box and told people of Prometheus. Given a box and told not to open it, she gave into temptation and released all sorts of horrors into the world. | Odysseus | Cuning and clever, odysseusis the main hero of | toki | Loki s very handsome but cunning and sneaky, Odin's brother, he is tolerated by the gods but Odin's brother, he is tolerated by the goas bur is constantly ounished for his poor choices and devious behaviour. |



The Olympians


Gothic Literary style
Refers sto atyle o witing that is charactirised by elements of fear, horor,
death, and ly

## Key Terminology

##  

 Third person ommiscient norrative: Atype of narativiv in which the storyis related by andrator who knows the thoughts ond feelings of all the characters in the ston,
Characterisation: Adescription of the distinctive nature or features of
someone or something.
Pathelicic fallocy: The attibibuion of human feelings snd emotions to
inanimate things
 symbolism: The use of symbols to express ideas or qualifies.

## Key Vocabulary

```
- Orphan: A child whose parents have both died.
Orphanage: A residential institution for the care and eavcation of orphans.
- Eerie: Strange and tightening.
- Suspense: A state or feeling of excited or anxious uncertainty about what may happen.
Impetwous: Acting or doing something quickly without thought or care.
Acerbic: Sharp, forthight, sour, bitter
R Rapacious: Aggresively greedy orgrosping.
- Ravenous: Extemely hungry.
-Wolish: Resembling or likened to a wolf, especially in being rapacious and greedy.
- Forger: A Aerson who produces fravdluent co,
```

- 

War and Conflict - Context \& Biography
English


## Key Terminology

## - Bias: An inclination or prejudice for or against on



- Empathy: The ability to understand and share the feelings of another.

Anecdote: A short amusing or interesting story about a real incident or person.
liony: A state of affirir or an event that seems deliberately contrary to what one expects and is
offen amusing as r esult.
oiften amusing as a result.
Sarcasm: The use of irony to mock or convey contempt.
Sarcasm: The use of irony to mock or convey contempt.
Perspective: A particular attitude towards or way of regarding something: a point of view.
Perspective: A particular atiliude towards or way of regarding something:
Imperatives: Verbs used to give orders, commands, warning or instuctions.

## Key Vocabulary

Neurasisenic: A group of symptoms caused by psychological issues.
Sacrifice: To give up (something valued) for the sake of something or someone else

ait reatively smal

- Arsenal: A collection or weapons and military equipment
-Patiotism: A feeling of aftachment and commitment to a country
Refuggee: A person who has been forced to leave their country in order to escape war.
persecution,
Democracy: A country in which poweris held by elected representatives.
Fascism: A governmental system led by a dictator having complete powerf forcibly suppressing
Opposition and crificism.
Nationalism: An extreme form of patrititism involving a feeling of superioity over other countries
The Holocaust: A Aenocide during World Warll Ii which Nazi Germany murdered six milion
European Jews.
Genocide: An intentional action to destroy an etthnic, national, racial, or erigious group.
- Occupation: A place being taken over through the use of military force.

| Photo Description Structures |  | Opinion sentence starters |  |
| :---: | :---: | :---: | :---: |
| dans la photo | in the photo | - |  |
| ily ${ }^{\text {a }}$ | there is | Jadore... | Hove. |
| on peut voir | you can see | J'aime.. | I 1 k . |
| une femme | a woman | J'aime bien... | \|realy ilik.. |
| une fille | a girl | Je n' ${ }^{\text {'ime }}$ pas... | \| don'tike.. |
| un garçon | a boy | Je déteste... | Ihate... |
| des jeunes | young people | Je prèère... | 1 pre |
| i/elle porte | he/she is wearing | J'aime assez.. | Iquite ilie. |
| i//elles portent | they are wearing | Je n'aime pas du tout... | I don't ine.... at all |
| ili/elle est |  | J'aime beaucoup | like... a of |
| ils/elles ont | they have |  |  |

Time phrases

Past:
$\left.\begin{array}{l}\text { Hier - Yeste } \\ \text { le }\end{array}\right)$
Le weekend demier- - last weekend
La semaine derniere -last week
Present:
Aviourdhivi- -today
Normalement sually
Le lundi-On a Monday
$\frac{\text { Future: }}{\text { Demain }-t}$
Demain- tomorrow
Le weekend prochain - ext weekend
La semaine procochaine - next week

## Tenses and structures

the weather is good
iif fait mauvais
it fait chavad
it ii fait froid
il p peevt il pleut
sur la droite or la droite on the rig surlas gauche on the left à l'arière-plan
au centre au premier plan in the backgro
in the middle in the background

|  |  |
| :---: | :---: |
|  |  |
|  |  |

## 

$$
\begin{aligned}
& \text { In the future }
\end{aligned}
$$

$$
\begin{aligned}
& \text { je vois olier to / } J \text { itiol } 1
\end{aligned}
$$

In the past
Jai eu / Javais
and J'aie / / Juvais
lina/ Insed to h
l'étais
 Jaat aif / Je faisois
Idid $/$ I was doing
 IWent $/ 1$ was going
J'ai iové IJ joionais
. J'aia mange / J Jomangeais
late / / was eating

## FRENCH





Geography
2 of 2

| 4. Development key words; | 5. Supporting countries to develop: |
| :---: | :---: |
| - HIC: Higher income country. E.g. USA, France, Australia. - LIC: Lower income country. E.g. Kenya, Ethiopia, Bangladesh. <br> - NEE: Newly Emerging Economy. E.g. Brazil, India, Nigeria. <br> - Development: The progress made over time by a country. <br> - Poverty: People living without basic needs or income. | - Aid: Help. <br> - Emergency aid: Help given for short term, often after natural disasters or outbreaks of diseases. <br> - Development aid (long term aid): Help given for a longer time, often focusing on areas of need e.g. health, education. <br> - International aid: Aid sent from abroad. E.g. UK sending international aid to Nigeria. <br> - Bilateral aid: Help given from one country to another E.g. UK sending aid to India. <br> - Multilateral aid: Help given when organisations work together. E.g. The Disaster Emergency Committee who Nepal's earthquake. <br> - Self help schemes: Schemes that provide training and materials to encourage people to improve their own standards of living. standards of living. <br> - Appropriate technology: Providing communities with resources that are appropriate for their level of ump to an LIC. |
| 7. The World of Work: |  |
| - Trade: Transfers of goods and services from one country to another. <br> - Imports: Goods bought into the country. <br> - Exports: Goods sent out of a country. <br> - Industry: Economic activity that uses raw materials to make goods. <br> - Manufacturing: The making of goods on a large scale. <br> - Sweatshop: A factory or workshop where workers are paid low wages and work in poor conditions. <br> - Trading bloc: A group of countries that trade together. | - Primary: Jobs that use raw materials from the land and sea (e.g. Fisherman) <br> - Secondary: The making of things (e.g. Factory worker) <br> - Tertiary: Providing a service (e.g. Teacher) <br> - Quaternary: Research and development (e.g. Medical scientist) <br> - Subsidies: Money given by the government to make trade <br> cheaper for a company <br> - Footloose: Industry that can move freely and have no set location. <br> - Tourism: Holidays - these can be national or international. |


6. How to measure development
-Gross National Income: The sum of money made by a
countr per year. [Per copita: Divided per person). - Bitht cate: The number of ive births per 1000 per year Death rate The number of deaths ne woep par - Death rate: The number of deaths per 1000 per year.

- Life expectincy: Average expected number of years
- HDI: Human development Index life expectancy.
ifiercicy rafe and GNI).

| Opinion sentence starters |  |
| :---: | :---: |
| Ich liebe... | \|love... |
| Ich mag... | \|like... |
| Ich mag sehr... | \| really like... |
| Lch mag nicht... | \| don'tike... |
| Ich hasse... | Ihate.. |
| Ich denke dass... | Iprefer |
| Ich finde dass... | Iquite like... |
| Ich glaube dass... | \| don't ine.... at al| |
| Meiner Meinung nach... | ılike... a lot |


Verb - Infinitive In the past in the present in the future

| haben | Ich habe ... genabt | Ich habe present | Ich werde ... haben/ |
| :---: | :---: | :---: | :---: |
| To have | I had / I used to have | I have | am going to have / / will have |
| sein | Ich war | Ich bin present | Ich werde ... sein |
| To be | I was |  | lam going to be / / will be |
| Machen | Ich habe ... gemacht. | Ich mach | Ich werde... machen |
| to do | \| did / / was doing | \| do / / make | lam going to do / / will do |
| gehen | Ich bin ... gegangen | Ich gene | Ich werde .... gehen |
| Togo | \| went / / was going |  | / am going to go / / will go |
| jelen | Ich habe ... gespielt. | Ich spiele | Ich werde... spielen |
| To play | \| played / / was playing | I play | lam going to play / / will play |
| essen | \|ch habe ... gegessen | Ich esse | Ich werde... esse |
| To eat | / ate / / was eating | leat | I am going to eat / / will eat |


| und | and | jedoch | however |
| :---: | :---: | :---: | :---: |
| aber | but | , weil es ... ist. | because it's |
| mit | with | da es ... ist. | asit's |
| ohne | without | auch | also |
| obwohl | although | zuerst | firstly |
| schließlich | lastly | dann | then |
| oder | or | nochmal | again |
| auf der | on the |  |  |


| Module 1 |  | Module 2 |  | Module 3 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | What's your name <br> My name is .. <br> I am loud <br> I am funny | einen Hund |  | Ue bin (sen/isiemich/ |  | The Normons |  |  | Key terms: <br> - Heir: The person who will be the next - Monarch: King or queen |
|  |  |  | a rabbit |  | I am (very/quite/ <br> not very) sporty |  |  |  |  |
|  |  | ein Meerschweinchen | a gutinea Pig |  | I go skateboarding | Harold Godwinson | Harold Hardrada | William of Normandy |  |
|  | musical | ein Peerd einen welensititich | a horse a budgie |  |  | - Saxon (Farish] | - Vking - Kng of Nowa | - ouke of Nommand. | - Woubiferan: Arich and powefu |
| Cen bin spotich | ${ }^{\text {Iam spory }}$ Iom lay | kein Husutier | no pet | lat lese len mache Judo | ${ }_{1}^{1}$ 1read ${ }_{\text {doivo }}$ |  | - Climed Engond stoud be erevmed | - Eawors had suposesaly poomised thot | - Pope: Ledere of the Catalolic Chuch |
| Mein Lieblingssoortist.. | My tavoutitesport is.. |  | Helsheflit fot thin |  | (ldo kerate | in Engand. |  |  | Cavalry: Knights on horses |
| Meine Uebulingsusikik is.... Meine ueblingssendung is |  | Hench niedilich | cheeky / cure | Chenswimme | Iswim | - The Whan named him the nex X Xng of | - Lost the Batle o of Stamerd | - Distont cousin of Evarad he Coniess |  |
| Meine Leeblingssendung is | My favourite progamme is <br> I live in |  | mean / sweet nig / small | Ich sehe fern ch spiele Gitarre ch tanze | $\begin{aligned} & \text { I watch TV } \\ & \text { I play the guitar } \\ & \text { I dance } \end{aligned}$ | - won the eatle o stiommerd inige. |  | - Won the Battle of Hastings and became William I of England. He was crowned on | - Anglo-Saxons: Name given to the peop living in England at the time of the Norm Conquest. |
| E/f/Silefs wohnt in... | He/shellt lives in... | kshlou | cunning | Cot in inde es. |  |  |  |  |  |
| ....ntrond | Ireland | (svper) Ustig | Healy funy | lir | Amaing | The Harrina of the North - 1069 | The Domesdoy Book-1085 | The Feuddo s system | Casilles |
| ....Nordililand | Northem relond | Hatienisch sprechen | Speokitiolion | nicht schlecht | not bad |  |  |  |  |
| Schorltand Woles | Scoltand Woles |  |  |  | anmoring deadiv bor |  | - Whime ordeeded saveye otever singe |  |  |
| ${ }_{\substack{\text { Woles } \\ \text { Deutschlond }}}$ | ${ }_{\text {Werman }}$ | $\underbrace{}_{\substack{\text { Lesen } \\ \text { Rad torien }}}$ | read ride a bike |  |  | 隹 |  | - Anvone above you was sour lord ond | - Probem os wod woul soon rotar bum |
| Österreich der Schweiz | $\underset{\substack{\text { Austia } \\ \text { swirenlond }}}{\text { ate }}$ |  | nsim abke | Ich esse Pizza oder |  |  |  |  | dome. |
| freundich | Fiendy | Singen | ${ }_{\substack{\text { sing } \\ \text { jump }}}$ |  |  | atima did, (ros destoved. fids |  | - Kno wour reaive kiging foom the | Were liter efolcad b y stone casis |
| senr $\begin{gathered}\text { sentiligent } \\ \text { int }\end{gathered}$ | $\underset{\substack{\text { ven } \\ \text { inteligent } \\ \text { a }}}{ }$ |  | dance |  |  | winsalis moer lood could |  |  |  |
| wiklich | really | Es gibt. |  |  | lill | Showed wiliom to be a untiess leder. |  | - Krinhts woud receive food tom $m$ te | - Theer sowed poopletetat the Nommens |
| $\underbrace{}_{\substack{\text { kreaiv } \\ \text { ziemich }}}$ | creative quite |  | $\underbrace{\text { my mother }}_{\text {people in my famly }}$ | (e) | 1 Ido sport |  |  |  | soie sspecilly in uresis the Noth |
| launisch nicht | mody | mein Vater mein cuser | my father |  | ${ }^{\text {l }}$ I chat with fiends |  |  |  |  |
| wie? | now? |  |  |  |  |  |  |  |  |
| was? wo? | ${ }_{\text {What? }}^{\substack{\text { wherea }}}$ | Halbbruder | my stepbrother / |  |  |  |  |  |  |
| woher? | where fom? | meine Schwester | my sister |  |  |  |  |  |  |



| Latin |
| :---: |
| The language which church services and the bible were written in during the Middle Ages. |
| Doom Poinings |
| Pieces of art work that were displayed in churches. They showed the glory and the reward of heaven, versus the horors of hell. As Medieval peoole beileved Heaven and Hell were real places, the paintings were intended to scare them into following the churches order |

Pillorimage
A religious journey to a holy place. People believed this
would help get them to heaven.
The Role of Parish Priests - Ran the local church and looked after theiri parishioners.


The role of Monks
Monks and nuns lived in monasteries sand took vows
povery and obedience to the church. The also:
ponerty and obedience to the Church. They also:

- Looked after the old and sick, provided somewhere for
- Looked difer the o
travelless 0 o stay
- Gave alms (charity) to the poor
- Monasteries had running water and good toile facailifes
and dever much heathier than medieval lowns ond
viloges.
vilicges.
-Monks could often read and witie, so monk copied
books and documents
- They taught chicrren of the nobility

The Crusades

- People also thuynt going on a crusade would help
them reduce the punishmentis sor theis sins. - People olso thought going on a crusade
them reace the pon ishments or their sins



1. First Crsacale $=1095$
2. .1 second Cusade $=10$



| 1 | all | could | made | so | will | with |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| on | me | first | much | them | Wednesday | Thursday |
| go | about | half | not | too | February | March |
| away | back | him | our | want | August | September |
| day | boy | jump | ${ }_{\text {cher }}^{\text {put }}$ | where | yellow | blue |
| dad | can't | love | sister | and | would | your |
| of | down | more | their time | said they | Friday | Saturday |
| as | here | or | very | come | April | May |
| been | if | push | when | no | October | November |
| came | live(d) | should | like | was | green | orange |
| door | may | that | is | yes | Monday | Tuesday |
| got | next | three | going | another | Sunday | January |
| ner | once | us | to | bed | June | July |
| how | pull | what | mum | call(ed) | December | red |
| little | seen | we | went | don't | pink | purple |
| many | than | ne | it(s) | good |  |  |
| new | these | this | $\stackrel{\text { an }}{\text { a }}$ | help |  |  |
| old people | ${ }_{\text {two }}^{\text {twe }}$ | am | because by | house laugh |  |  |
| school | look | in | do | man |  |  |
| take | for | see | girl | name |  |  |
| there | are | again | have | off |  |  |
| tree way | $\stackrel{\text { a }}{\text { big }}$ | be but | home last | over |  |  |
| up | get | did | make | some |  |  |
| at | she | from | must | then |  |  |
| you play | after ball | has his | now out | took water |  |  |
| the | brother | just | ran | who |  |  |

Mathematics
lof 3


| Decimal | Percentage | Fraction |
| :--- | :--- | :--- |
| 0.5 | $50 \%$ | $1 / 2$ |
| 0.25 | $25 \%$ | $1 / 4$ |
| 0.75 | $75 \%$ | $3 / 4$ |
| 0.2 | $20 \%$ | $1 / 5$ |
| 0.1 | $10 \%$ | $1 / 10$ |
| 0.3 | $33.3 \%$ | $1 / 3$ |

## Average:

- What does the average of a lis resen?
- It represents the one number
which best represents the entire Which best repre
list of numbers.
- You can find the average using
one of 3 methods.
- Remainder - a number which
eft over after dividing
- Multiple - a number in
number's times table
- Factor - a number that divides
exactly into a another number
-Prime Number - a number with
exactly 2 factors, 1 and itself
- LCM - Lowest Common Multiple
- HCF - Highest Common Factor
- Integer - any whole number
- Perimeter - the total distance
around the outside of a shape around the outside of a shap
(units $=\mathrm{cm}, \mathrm{mm}, \mathrm{m}$ etc...) - Area - the total space inside a 2D
shape (units $=\mathrm{cm}^{2}, \mathrm{~mm}^{2}$ etc...) - Volume - the total amount of space
within a 3 D shape (units $=\mathrm{cm}^{3}, \mathrm{~mm}^{3}$ within
etc...)
- Evaluate - find the value of
- Solve - find the value(s) of any
- Substitution - replace an unknown


Types of averages:

- Mean - add all the numbers up and divide by how
- Mean - add al
many you have.
- Median - the middle number once the numbers are in
- Mode - the most popular number from the list
- Range - the difference between the highest and
iowest number in a list
- NOTE: the range is NOT a type of average, it is a
measure of spread
- Quotient - the result obtained by dividing one quantity by another
- Denominator - the integer on the bottom of a fraction
- Mixed number - a mixture of whole numbers and
- Improper fraction - otherwise known as a 'top heavy'
fraction, the numerator is greater than the denominator - Numerator - the integer on the top of a fraction
- Recurring decimal - a decimal that tas either a digit
or a number of digitis that repeatit infinitely in a pattern.
- Sum - the addition of a number of items
- Product - the multiplication of 2 or more numbers

| Mathematics 2 of 3 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\%$ | *) | $\not / 8$ | A | $y$ |
|  |  |  | Alternate angles - When a line passes through a pair of parallel lines, the alternate angles are equal' | Corresponding angles - When a line passes through a pair of parallel lines, the corresponding angles are equal | $\square$ |



Angle Definitions Right angle e is a 90 degree angle Acut ongle en
donoo degeses




Other Key words and definifions
Shapes

- Polygon -a 20 closed dhape
consising of purely strioght
edges Regular -all lengths an
interior ongles are equal
Iregular - any polygon that is
not regular
Quadiliteral - any 4 sided

so p paralel sides.
Trapezium - a 4 sided shape
Tith 1 pair of paroleles 1 ides

| - X axis - the horizontal axis <br> - Y axis - the vertical axis <br> - Origin the co ordinate $(0,0)$ <br> - 2-way table <br> 2 categories (e.g. men and women) $\qquad$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Basketball | Baseball | Tennis | Swimming | Total |
| men | 16 | 27 | 5 | 12 | 60 |
| Women | 2 | 6 | 16 | 16 | 40 |
| Total | 18 | 33 | 21 | 28 | 100 |

Mathematics


Area $=$ base $\times$ height $=b h$
Area $=\frac{1}{2}(a+b) \times$ height $=\frac{1}{2}(a+b) h$

| Measure | Order of Operations: BIDMAS |
| :---: | :---: |
|  |  |
| 1s 10 Pime Numbers $2,3,5,7,11,13,17,19,23,29$. | The Fibonacci Sequence (1st 10) <br> $1,1,2,3,5,8,13,21,34,55,89 \ldots$ |



Physical

- Good Posture - Absence of conditions such as
osteoporosis and osteoarthritis
social
- Cooperation with other people in
teams and groups
A sense of belonging
one's life
Mental
- Feelings of satisfaction and
happiness
- Good levels of self esteem - Absence
- Aesthetic appreciation of the
beauty of performance

KP1 9 - Fitness Components
HEALTH, FITNESS AND COMPONENTS OF FITNESS


## 

13. Adonai: The name of God, not used offen to make sure it stays se


Jews must obey God and in return God would goide and protect them
7. Rabbi: A teacher of the Torach, offen leads worship ata s synagogogue.
18. The Ten Commandments : Laws given by God to Moses to guide human behavior.
Christionity - Essential knowledge
19. Denomination: A branch of the Chistian Church with its own sighty different beliefs,
customs and traditions
20. The Bible: The holy scripture/book of Chistianity.
2. A church: The Chistian place of worship.
2. . hoe toly trinity TTe ideat that God is one God but three persons: God the Father, God the Son, God the Holy Spirit.
Messian: Person to be sent by God to save the Jews (Jesus)
24. Saviour: Title given to Jesus as he is believed to have saved people from their sins through

26. Crucifixion: Jesus' death on the crosss/Roman method 0 of execution.
27. Resurection: Jesus retunning to
27. Resurrection: Jesus feturning
28. Creed: Statement of belief. beief. 2 days after his crucifixion.

to be the final Guru.
32. Gurdwara: The Sikh place of worship.
33. Guvu Nanak: The founder of Sikhism and firss of the ten gurc
34. Mul Manta: The basic prayer of sikhism stating the main beliefs about God.
35. Mukti: Freedom trom being rebom.
35. Mukti: Freedom from being rebom.
Islam - Essential knowledge

## 36. Allah: The name of God. 37. Muhammad: The prophet of Alah. 3. Quran: TTh holly textscripure of slam. 39. Musilim A followerof slim.

©
20. The Five Pillars: The five core beieief/duties of Islam: the shahadan
(declaration of faiti), solah (prayer), zakah (charity, sowm (fostin)
(declaration of faith), slalah (prayerl), zakah (charity), sawm (fasting) and
haij (piggrimage).
41. Mosque: The Islamic place of worship.
42. Submission: Accepting and obeying the will and authority of Allah.
Hinduism - Essentiol knowledge 43. The Vedas: Some of the most important holy scriptures in Hinduism.




Buddhism - Essential knowledge
48. Siddharth Gautama/The Budadh: TTe founder of Buddhism.
Siddhartha - a prince who became enlightened to become the Siddartha - a prince who became enightene
The Buddha - the role model for all Buddhists The Budada - the role model for all Buddaists.
49. Enlightenment: Finding the perfect knowedg 49. Enightenment: Fin.
50. $\begin{aligned} & \text { Uukha: } \\ & \text { 51. Cravifing: : esinge - }\end{aligned}$.

5. Tirvana: The goal of Buddhists - the end of supt suffere aning
33. Tirvana: The goal of Buddhists - the end of suffering and escape trom reith
53. Nirvana: The goal of Budahists - -the end of suffering and escape from rebirth.
53. The Tipitioka: One of the holy scriptures used in Buddhism.

| Iship | edge |
| :---: | :---: |
| 1. Worship: Praising and glorifying god. 2. Puja: An act of worship in Hinduism and Buddhism. <br> 3. Sacred: Dedicated to a religion/religious practice so is worthy of respect. <br> 4. Prayer: Communicating with god. <br> 5. Offerings: A gift given to god or other important figure as a sign of praise, thanks and respect <br> 6. Shrine: A space dedicated to a god/goddess/important figure which is a focus for prayer and worship <br> Shoe racks: A place to store shoes during prayer. <br> 8. School room: A place where people can learn more about their religion. | 26. Gurdwara: The Sikh place of worship. <br> Sikh symbol (the khanda). <br> 28. Diwan/Durbar hall: Prayer hall. <br> 29. Chanani: Canopy over the manji sahib <br> 30. Manji sahib: Raised platform that the Guru Granth Sahib is placed on to be read <br> 1. Chaur: A fan waved over the Guru Granth Sahib <br> 2. Golak: Collection box. <br> 33. Ragis: Musicians. <br> 34. Langar: Kitchen - serves free vegetarian food to visitors. <br> 35. Sach Khand room: The bedroom of the Guru Granth Sahib. |
| Synogogue .Judism Essenitiol knowledge |  |
| 9. Synagogue: The Jewish place of worship. 10. The sanctuary: The room where worship takes place. <br> The Ark: A cabinet or sheltered area containing handwritten holy scrolls known as the Sefer Torah'. <br> The Ten Commandments: Laws given by God to Moses to guide human behavior <br> 3. A Yad: A pointer used to read the Torah scrolls. <br> 4. Ner Tamid: An eternal light/lamp that burns all of the time. <br> Bimah: Platform in the center of the synagogue from which the Torah is read <br> . Mechitzah: A screen/divider used in Orthodox synagogues to separate men from women <br> Stained glass windows: Windows with colourful glass. | - Tiam Essenio |
|  |  |
| Church - Chisisionity Essenicla knowedge |  |
| 18. Church: Place of Christian worship <br> 9. Altar: Table where the bread and the wine for Holy Communion are blessed <br> . Font: Holds holy water that is used in Baptism <br> 21. Pulpit: Raised platform for the priest/vicar to give a sermon from. <br> 22. Cross/crucifix: Reminder of Jesus' crucifixion. <br> 23. Lectern: Stand for the :Windows with colourful glass. <br> 25. Quaker meeting house: Place of worship for Quakers with very few, if any, features of a traditional church building | Temple - vuddhism Esseniticl knowledge |
|  |  |
|  |  |
|  |  |
|  | S0. Singing bow: Amelat bowltype ofbellthat mokess arch tone when ployed ond |
|  | 51. Mediltaion: Fousing the mind ond traing tito be more awnore to ochieve clear |


| 1 | Paricle | - All matter is made up of tiny particles. <br> - There are three states of matter: solid, liquid, and gas. | 13 | Freezing | - Change of state from liquid to solid. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 |  | - Particles are arranged in rows and are touching The particles have strong bonds between them. They vibrate around a fixed position. | 14 | Fillration | - A method for separating an insoluble solid from <br> a liquid e.g. separating sand and water. |
|  |  |  | 15 | Evaporation | - Used to separate a soluble solid from a liquid. |
| 3 | Liquid 888888 88888 | - Particles are randomly arranged and most are touching. The particles have some bonds between them and can move. | 16 | Distillation | - A method for separating the solvent from a solution. For example, water can be separated from salt solution. |
| 4 |  | - Particles are randomly arranged and don't touch. The particles have no bonds between them and move quickly in all directions. | 17 | Chromatography | - A method for separating dissolved substances from one another e.g. for separating a mixture of inks. |
|  |  |  | 18 | Pure substance | - Contain only one type of particle. For example pure iron contains only iron particles (called iron atoms) |
| 5 | Properties of solids | - Fixed shape \& cannot flow. <br> - Cannot be compressed (squashed). |  |  |  |
| 6 | Properties of liquids | - They flow and take the shape of their container <br> - They cannot be compressed (squashed). | 19 | Mixture | - Contains more than one type of particle that are not chemically joined together. |
| 7 | Properties of gases | - They flow and completely fill their container <br> - They can be compressed (squashed). | 20 | Dissolving | - When a solid is mixed with a liquid to form a solution, e.g. when salt dissolves in the water to make salt solution. |
| 8 | Melling | - Change of state from solid to liquid. | 21 | Solute | - The solid that dissolves, e.g. the salt. |
| 9 | During melling | - Gain energy. <br> - Stay close together <br> - Arrangement becomes random. <br> - Start to move around each other |  |  |  |
|  |  |  | 22 | Solvent | - The substance that the solute dissolves in e.g. the water. |
| 10 | Evaporation | - Change of state from liquid to gas. |  |  |  |
| 11 | Duting evaporation | - Gain energy. <br> - Become much further apart. <br> - Stay randomly arranged. <br> - Start to move quickly in all directions. | 23 | Soluble | - A substance that will dissolve in a solvent. |
|  |  |  | 24 | Insoluble | - A substance that will not dissolve in a solvent. |
| 12 | Condensation | - Change of state from gas to liquid. |  |  |  |


| 1 | Cell | - The building block of all living organisms. | 16 | Multicellular organisms | - Organisms made up of many cells (e.g. human). |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | Organelle | - A part within a living cell that serves a function e.g. nucleus. | 17 | Tissue | - Made from a group of cells with a similar structure and function, which all work together to do a particular job. |
| 3 | Nuclevs | - Contains DNA which controls the cell's activities. |  |  |  |
| 4 | Cell Membrane | - Controls the movement of substances in and out of the cell. | 18 | Organ | - Made from a group of different tissues, which all work together to do a particular job. |
| 5 | Cytoplasm | - Where most of the chemical reactions happen. | 19 | Organ System | - Made from a group of different organs, which all work together to do a particular job. |
| 6 | Mitochondria | - Where most energy is released in respiration. | 20 | Organisational hierarchy | $\underset{\text { - }}{\text { - } \text { systallestl] } \text { cells } \boldsymbol{~ [ l a r g e s t ] ~}}$ tissues $\rightarrow$ organs $\rightarrow$ organ |
| 7 | Ribosome | - Where protein synthesis happens. |  |  |  |
| 8 | Cell Wall | - Strengthens the cell and supports the plant. | 21 | Digestive system | - Breaks down large insoluble molecules of food into smaller soluble molecules so they can be absorbed into the blood. |
| 9 | Chloroplast | - Absorb light energy for photosynthesis (contains chlorophyll). | 22 | Breathing system | - Carries out gas exchange in animals. |
| 10 | Vacuole | - Filled with cell sap to help keep the cell turgid to provide support. | 23 | Magnification | - Making something appear larger than it really is. |
| 11 | Root hair cell | - A specialised plant cell that has a large surface area to absorb water. | 24 | Stage | - Area on a microscope where the specimen is placed. |
| 12 | Palisade cell | - A specialised plant cell found at the top of a leaf and has many chloroplasts to absorb sunlight. |  |  |  |
| 13 | Sperm cell | - A specialised animal cell that has many mitochondria for energy and a tail for swimming | 25 | Objective lens | - Magnifies the image of the specimen We always start with the lowest power objective lens when looking at a specimen. |
| 14 | Red blood cell | - A specialised animal cell that has no nucleus to maximise the space for carrying oxygen. | 26 | Eyepiece lens | - The lens we look down, it magnifies the image of the specimen. |
| 15 | Unicellular organisms | - Organisms made of one cell (e.g. bacteria). | 27 | $\underset{\substack{\text { Coarse/fine focus } \\ \text { wheels }}}{ }$ | - Used to focus the specimen so it can be seen clearly. |


| 1 | Energy Stores | - Chemical - energy stored in the bonds of chemicals. <br> - Kinetic - movement energy. <br> - Gravitational potential - energy of an object <br> due to its position in a gravitational field. <br> - Elastic potential - when an elastic object <br> is deformed. <br> - Magnetic. <br> - Electrostatic <br> - Internal (or thermal). |
| :---: | :---: | :---: |
| 2 | Efficiency | $\begin{gathered} \text { Efficiency }=\text { useful energy transfered } \times 100 \\ \text { total energy supplied } \end{gathered}$ |
| 3 | Joule (J) | - Unit of energy |
| 4 | Watts (w) | - Unit of power. |
| 5 | Power | - How fast energy is transferred. <br> - The unit is Watts (W) |
| 6 | Power equation | - Power = Energy/time <br> - Energy in Joules and time in seconds |
| 7 | Conduction | - Heat transfer from one particle to another when they are touching. This happens best in solids. <br> - Metals also have delocalised electrons which makes conduction happen faster. <br> - Can not travel through a vacuum as there are no particles in a vacuum. |
| 8 | Convection | - Heat transfer in fluids (liquids and gases) <br> Can not travel through a vacuum as there are no particles in a vacuum |
| 9 | Radiation | - Heat transfer via infra-red (thermal) radiation. <br> - Infra-red radiation can travel through a vacuum |


| 10 | Emit | - Gives out thermal radiation. <br> - Matt black surfaces are the best emitters. |
| :---: | :---: | :---: |
| 11 | Conservation of Energy | - Energy can not be created or destroyed, only transferred from one store to another |
| 12 | Energy transers | - mechanical work. <br> - electrical work. <br> - heating. <br> - radiation. |
| 13 | Mechanical Work | - When a force causes an object to move (measured in Joules). |
| 14 | Non-renewable | - fossil fuels (coal, oil and gas). <br> - nuclear fuels. |
| 15 | Fossil fuel | - A natural fuel such as coal oil or gas, formed in the past from the remains of living organisms. |
| 16 | Renewable Energy Resources | - Resources that are replaced as quickly as they are used. |
| 17 | Examples of Renewable Energy Resources | - Wind - using wind turbines. <br> - Water-hyaroelectric, , idal and wave <br> - Geothermal- - using the heat from the Earth's core. <br> - Solar- using the sun's energy. |
| 18 | Temperature | - A measurement of the average amount of energy of the particles in a substance. |
| 19 | Energy | - Total amount of energy of all the particles. |
| 20 | Dissipation | - Spread out to the surroundings as wasted energy - usually heat. |


| Tenses and Strucłures |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Verb - Infinitive |  | In the past | In the present |  | In the future |  |  |
| Tener |  | Tuve | Tengo |  | Voy a tener |  |  |
| To have |  | Ihad | I have |  | 1 am going to have |  |  |
| Ser |  | Fui/era | soy |  | Voy a ser |  |  |
| To be |  | I was | 1 am |  | I am going to be |  |  |
| Hacer |  | Hice | hago |  | Voy a hacer |  |  |
| To do |  | 1 did | Ido/make |  | I am going to do / make |  |  |
| Ir |  | Fui | Voy |  | Voy a ir |  |  |
| To go |  | I went | Igo |  | I am going to go |  |  |
| Jugar |  | Jugué | Juego |  | Voy a jugar |  |  |
| To play |  | 1 played | I play |  | I am going to play |  |  |
| Openers / Connectives / Extenders |  |  |  |  |  |  |  |
| Y | and | Sin embargo | however | aunque | although | Primero | firstly |
| pero | but | porque es ... | because it's | donde | where | Finalmente | lastly |
| con | with | ya que es ... | since it's | - | or | Luego | then |
| sin | without | asíque | so | Por el otro lado | hand | otra vez | again |
| también | also | si | if | después | after | entonces | then |



| Module 2 |  |
| :---: | :---: |
| ¿Qué te gusta hacer? <br> Me gusta. <br> Me gusta mucho <br> No me gusta... No me gusta nada.. <br> chatear <br> escribir correos <br> escuchar música <br> jugar a los videojuegos <br> mandar SMS <br> navegar por Internet <br> salir con mis amigos <br> porque es... <br> ¿Qué haces en tu tiempo <br> bailo <br> canto karaoke <br> hablo con mis amigos <br> monto en bici <br> saco fotos toco la guitarra <br> Expresiones de frecuenci <br> de vez cuando <br> nunca <br> Qué tiempo hace? <br> hace frío <br> hace sol <br> llueve <br> nieva | What do you like to do? <br> \| like <br> I really like. <br> I don't like... I don't like at all <br> to chat online <br> to listen to musi <br> to play videogames <br> to send text messages <br> to surf the net <br> to go out with friends <br> because it is. <br> What do you do in your <br> spare time? <br> I sing karaoke <br> I talk with my friends <br> I ride my bike <br> I play the guitar <br> Expressions of frequency <br> sometimes <br> from time to time <br> never every day <br> What's the weather like? <br> it's hot <br> it's sunny <br> it's nice weather <br> it's raining |


| Module 3 |  |
| :---: | :---: |
|  | What do you study? I study... |
| ciencias | science |
| Ceavocoion fisica |  |
| (esponol | ${ }_{\text {S }}^{\substack{\text { Sponsish } \\ \text { Fiench }}}$ |
|  |  |
| iniomáica | licr |
|  |  |
|  | ${ }_{\text {mex }}^{\text {mic }}$ |
| ${ }^{\text {retiofion }}$ | ${ }_{\text {drama }}$ |
| Tennoogia porla monorana | technology |
| porlatarde | in the eftemoon |
| ¿Qué hay en tu insti? | What is there in your school? |
|  |  |
| un comedor | $\underset{\substack{\text { a dining hall } \\ \text { a gmmosium }}}{ }$ |
|  | ${ }_{\substack{\text { a polygriund } \\ \text { alibrav }}}$ |
| Uno ilose dea iniomatica | a linciray |
| Una iscicha |  |
|  | dind |
| Preaticola | proctical |
| ${ }_{\text {ictómo es tu insti? }}$ | What's your school like? |
| Canifuo/a | ord |
|  | noed |
| ${ }_{\substack{\text { feola } \\ \text { modemola }}}$ | ${ }_{\text {ung }}^{\text {ugly }}$ |
| peaveñola |  |
| $\begin{aligned} & \text { ¿Qué hace } \\ & \text { el recreo? } \end{aligned}$ | What dre you going to do? |
| Un bocadill Unoscramelos | $\underbrace{\substack{\text { some wweets }}}_{\text {asandwich }}$ |
|  |  |
| ¢inta |  |
|  |  |
| agua | water araiz dink |
| Un ummo | ajucice |
|  |  |

Personal Hygiene:


Knife Techniques

- Bidge: Make a bidge with your hands.s, sip the knife carefully into
the bridge ond gently cut the item in two.

Chop: Rough, small, squarish cut.
- Slice: Long, thin, ibbon cut.
- Jardiniere: Long, rectangular sticics (Batons). E.g. Thick chips.
- Chifionade: Long, thin, stip sices of herbs or leaves. E.g. Basi, ssinach.

Segment: Cutting into parts. E.g. Orange segments.
Concasse: A large, rough chop.
Juienne: Very thin, match-stick s sice.

- Brunoise: Very small. square dice,
- Paysanne: $1 / 2$ inch cubes or triangles.

Filleting of thimming: Removing fot, ind, neves and veins and
portioning into fillefs or other cuts.

## Food Science

-Gelatinization: When starch granules ore heated in a


 - Dextinization: The break down of starch into sugars called
 E.g. Baked bread or toas

 anke a bite out of on apple and
after a while it turs brown.

Hospitality \& Catering
1 of 2
Cooking Techniques
Boiling: The rapid vaporization of a liquid, which occurs when a liquid is heated to its boiling
point: E. . . wofer to too'c. Simmering: Keeping a liquid just bellow boiing point, small bubbles around the edge of the pan Shallow frying: Using a small amount of oil in a frying pan to soffen vegetables and brown meat Enrobing/ coating: Covering foods in egg, flour and breadcrumbs and cooking to develop a
crunchy shell. crunchy shell.
Kneading: Stetchning the protein gluten in bread dough untilit becomes elastic.
Proving: Leaving the eyeas in a bread dough to react and release carbon dioxide into the dou gh
Finshing, garnishing: Anything done to improve the final appearance. E.g. decocrating a cake. Weighing and Measuring: Accurately gavging ingredients to ensure a balanced ratio is achieve Greasing and lining: Pubbing fat and flour into a dish to give a non-stick coating or laying grease
prof poper to cahieve the same. Sroof paper to achieve the same.
Seasoning: Tosting a dish and adjusting the favour with salt, pepper, herbs or spices. Seasoning: Tasting a dish and adiusting the favvour with salt, pepper, heribs or spic
 Source of energy. Whole meal and whole grains olso prevervide are the maurce of fibre Frvits and Vegetables:
This sood grovo should
This food group phould $40 \%$ of our diet, the goverment suggestst that this
should be between $5-10$ portions . We neeed truits ond vegetables to provide

Beans, pulses, fish, eggs, meat and other proting
 of all body cells ond tissues.. .g. Boked beans. beans, chicken bireast, Pollock.
Dairy and Alternatives
These tood sore needed


Foods high in tat, salt and ssgar
These should be eaten less often and in small amounts. Eq. Ketchup, crisss,
chocolate.
Water
Helos main

 temperature. E.g. Water, Iower fat th
innluduing tea and coftee, all count.

Hospitality \& Catering
Hospirality \& Catering


## 8 tips for eating healithy:

## 1. Base your meals on higher fibre starchy carbohydrates 2. Eat lots of fuit and veg

3. Eat more fish, including a portion of o oly fish
4. Cut down on saturated fat and sugar
5. Eat less sall: no more than 6 g a day for adults 6. Get active and be a heallhy weight
6. Do not get thisty
7. Do not skip breakiast

## Notes

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