Knowledge Book Year 10

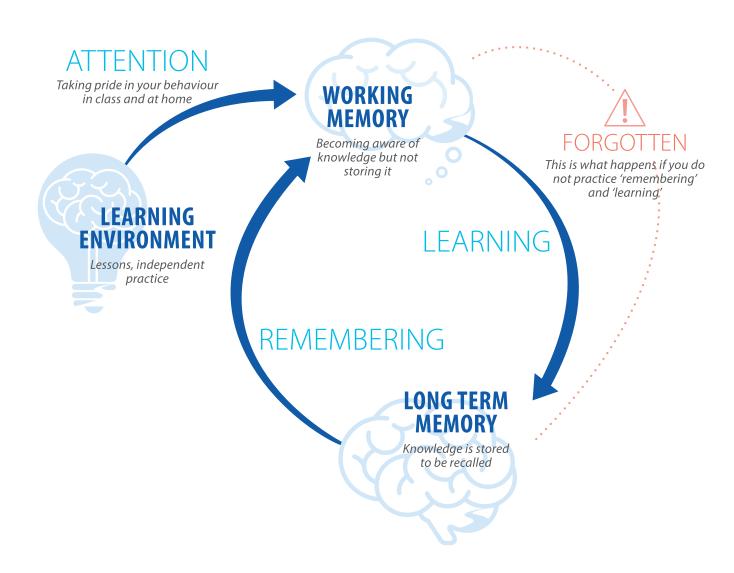
Cycle One

Name:



Knowledge Book Year 1

THIS IS HOW YOU LEARN



REMEMBERING: MASTERING YOUR MEMORY

Learning is what happens when knowledge moves from your working memory to your long-term memory.

Your **working memory** is like a desktop on your computer. If the information is not saved, then it will be **forgotten.**

Your **long-term memory** is like a computer hard drive. **Remembering** is what happens when you access the information in your **long-term memory.**

You can take practical steps to improve your ability to **learn** and **remember** key information and become the master of your memory.

Our ability to learn and remember is enhanced when we engage in activities that test what we remember. 'The testing effect' is a proven way of enhancing our long-term memory which gives us clear feedback on gaps in our learning. Therefore, regular quizzing is a vital part of our curriculum.

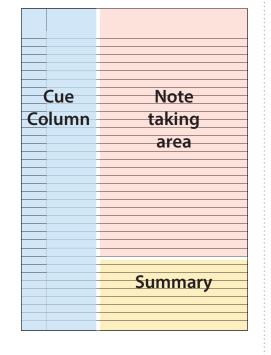
REMEMBERING: MASTERING YOUR MEMORY

Cornell Notes

- 1. Divide your page into three sections like in this diagram.
- 2. In the note taking area, complete your work normally (if taking notes, try only to write down key information)
- **3.** In the bottom section, summarise all the information in the note taking area into 3 bullet points
- The Cue Column is where the magic happens - in this area, write a series of quiz questions about the notes you have written.
- 5. When revising, try to answer the quiz questions in the cue column before you read your notes. If you can do it, well done! You have **remembered** this. If not, you need to **learn** it again.
- 6. The Summary at the bottom of the page also strengthens the learning. It can be used as a prompt for you too try and remember the knowledge in the note taking area.



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Link to Learning

Cornell Notes are a note taking system that was developed at Cornell University in America.

It is specifically designed to help you initially strengthen your **learning** but perhaps more importantly, build in opportunities to **remember** what you have **learned**.

You are expected to spend one hour on extended practice each evening, with additional time on Friday and over the weekend.

There are four subjects to study each day, with five on Fridays.

You should spend 20 minutes on each subject. The exceptions to this are Science and Spanish, which you should study for 10 minutes each time they appear on your practice timetable.

You will be assessed on the knowledge in your knowledge book for every subject throughout each cycle. You will complete weekly Sparx Quizzes at home.

Extended Practice Timetable

- This is your extended practice timetable. You will need to do your knowledge organiser tasks, including your Sparx quizzes, for each subject on the timetabled day.
- Your tutor will check this the following morning.
- If you have not completed the tasks for each subject, you will receive a one-hour after school detention to be carried out later that day.

	10 minutes	10 minutes	20 minutes	20 minutes	20 minutes	10 minutes	10 minutes
Monday	Science	Spanish	Option P	Maths - SPARX			
Tuesday	Science	Spanish	English Literature	Maths - SPARX			
Wednesday	Science	Spanish	History or Geography	Option Q			
Thursday	Science	Spanish	English Literature	Option P			
Friday	W	EB	English Literature	Maths - SPARX	History or Geography	Optio	on Q

Maths Sparx Reminder

Sparx practice is set 8am on a Wednesday morning and 100% of compulsory and Target is to be completed by 8am the following Wednesday morning. There is an expectation that you have completed 50% by Monday 8am and if you cannot meet that deadline, you will be invited to a support session at breaktime/after school on Monday. You are advised to start your tasks earlier than later. Support will be offered on a Friday and Monday at break in MA1 if you are struggling with any questions. Any student who has not completed 100% by 8am Wednesday morning will be expected to attend Sparx after school catch up in MA1.

Educake:

Extended practice will be set via the Educake platform and will consist of two retrieval quizzes to be completed each week. The first quiz will be based on content you have covered recently in your science lessons, whilst the second will be based on content covered last year. Extended Practice quizzes will be set on the Monday and must be completed by the Sunday. You are expected to achieve an 80% pass mark for each quiz. To improve your score, you can re-take quizzes, use the support information and ask your class teacher for help.

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HOUSE WEEK, WEST EXE SCHOOL & BRITISH VALUES West Exe School Values **British Values House Week Activities Key Questions** Citizenship Democracy Understanding how citizens can influence decision-making through What is a good citizen? the democratic process. School Parliament Elections What behaviours would we House Week 1 Rule of Law expect of a good citizen? House Charity Vote Appreciating that living under Do we need rules? the rule of law protects individual Through respect, responsibility citizens and is essential for their and integrity we make the world a wellbeing and safety. better place. **Compassion Tolerance and Mutual Respect** Charity Fundraising Accepting that other people What is tolerance? Anti-bulling Ambassadors having different faiths or beliefs to Activities Is tolerance enough? oneself (or having none) should be House Week 2 accepted and tolerated, and should Green Team Activities How does our community not be the cause of prejudicial proactively combat Mental Health or discriminatory behaviour. discrimination? Through kindness and empathy Importance of identifying and Celebrating Diversity we care and show respect for combating discrimination. ourselves and others. **Compassion** What does it mean to succeed? Transition Focused Activities Individual Liberty How do individuals • Sports Day Understanding that the freedom to House Week 3 demonstrate courage in our choose and hold other faiths and • Taster Sessions (being brave community? beliefs is protected by law. and trying new things) How is our individual liberty We are brave in our actions and protected? ambitions in our dreams.

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BULLYING UPDATE - YEAR 10

Stop!

"Each of us deserves the freedom to pursue our own version of happiness. No one deserves to be bullied"" *Barack Obama*

Bullying affects lots of people and can happen anywhere: at school, travelling to and from school, in sporting teams, in friendship or family groups or in the workplace.

Bullying can take may forms including:

- Emotional abuse
- Social media
- Social exclusion
- Threatening behaviour
- Name calling
- Cyberbullying
- Sexting
- Sexual exploitation

Average child posts 26 times a day on social media but only 6 - out of 10 followers are really friends!

Speak

"Don't you ever let a soul in the world tell you that you can't be exactly who you are" *Lady Gaga*

Speak to someone. No one has a magic wand but we always do our best and we really do care.

There are lots of things you can do to keep yourself safe online.

- Think before you post
- Don't share personal details
- Watch out for phishing and scams
- Think about who you are talking to.
- Keep your device secure
- Never give out your password
- Cover your webcam
- Use strong passwords
- Report anything you are unsure of

Images sent on sites like Snapchat can still be saved and screenshotted, they stay FOREVER!

Set, protect, and respect boundaries for yourself!

Talk to someone you trust!

Speak

"Blowing out someone else's candles doesn't make yours shine any brighter" Drake

What we do at West Exe to deal with bullying:

Whatever your worry, it's better out than in!

Mentoring is having a named person you can go to for support at school.

Peer mentoring is when older students are trained to become buddies providing support and someone to talk to nearer their own age. This helps everyone in school learn that bullying is not acceptable.

Restorative justice brings all children involved together so everyone affected plays a part in repairing the harm and finding a positive way forward.

Remember: there is no reason for you to ever put up with any kind of bullying.







TALKING FUTURES

Community

You don't need to know what job you want in the future. However, starting to explore the possibilities and looking at labour market information to discover what our local and national community needs can be helpful. Use your CareerPilot account to explore some options.



One day I think these jobs might be interesting...

Opportunity

Our promise to you: The Talking Futures offer has lots in store for you this year;

- Work experience
- Employer encounters
- CareerPilot sessions
- A Post-16 Destinations Fayre

We want to support you to start thinking about the opprtunities available beyond West Exe.

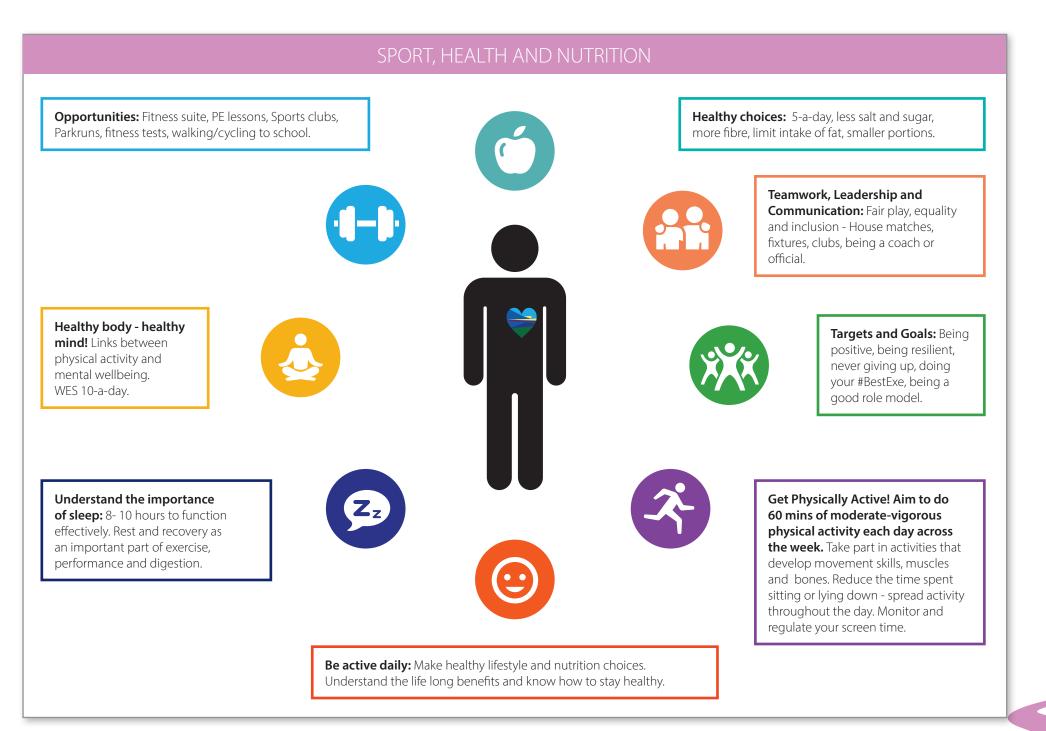
Key: Vocational Routes Academic Routes

Traineeship: Up to 6 months in preparation for an apprenticeship, involves work experience.
Apprenticeship: Employed and paid a wage whilst working towards a job specific qualification.
Applied Vocational Subjects: Practical courses related to a specific job or career area.
T Levels: A mix of classroom learning and "on-the-job" experience preparing for a specific job.
A Levels: Main academic route after GCSEs. Can be taken alongside vocational qualifications.
International Baccalaureate (IB): Internationally recognised 2 year course prepares for University or employment.

Success

Our Talking Futures offer supports you to make informed decisions, by nurturing your confidence to think and talk about your future. Employers tell us that in addition to the qualifications you gain at school, there are certain skills they are looking for. These all fit link to our student attributes, so strive to be your #BestExe every day.

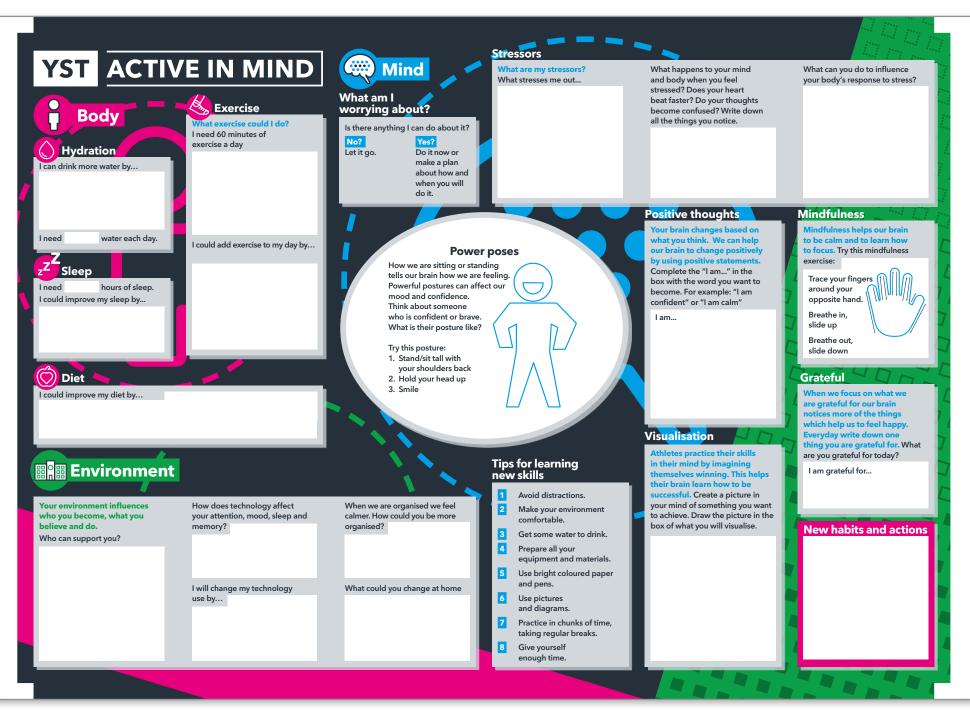




SPORT, HEALTH AND NUTRITION - Healthy ME

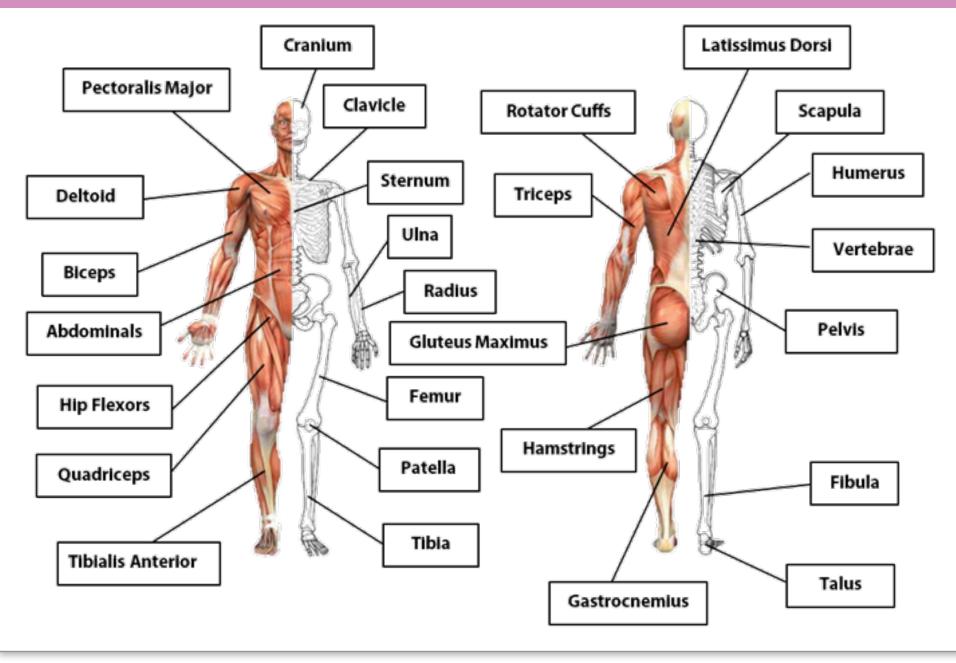
You should choose something from each column each week to focus on in your lesson. Once you have completed the task put a tick next to the activity. You should try to complete all of these over the cycle.

Physical ME	Thinking (Mental) ME	Social ME
Skill development: Make a list of 5 new skills you have improved on during this cycle (e.g. shooting in handball or chopping technique in food).	Making appropriate time for rest, relaxation, and sleep - Having routines that support positive mental health.	Leadership - Taking responsibility within lessons (e.g. officiating, leading warm ups or practices or supporting food preparation in food lessons).
Attend an after-school club to help you develop and improve these skills further.	Try to get 8-10 hours of good quality sleep a night! Rules, strategies and tactics. Think about:	 Offer to be a leader for a lesson! Help another person in a lesson to help them make progress.
 Developing fitness For one of the sports, you are covering in this cycle, identify the main components of fitness needed. Engage in periods of sustained physical activity. The NHS recommends that you do 2 types of physical activity each week: 1. Aerobic exercise. 2. Exercises to strengthen muscles and bones. Young people aged 5-18 should: Aim to do 60 mins of moderate-vigorous physical activity each day across the week. Take part in activities that develop movement skills, muscles and bones. Reduce the time spent sitting or lying down - spread activity throughout the day. Monitor and regulate your screen time. Keep a log of your activity levels for a typical week - see if you meet the NHS guidelines. Monitor your screen time for a week. Use equipment safely and hygienically. Think about the activities you are doing in this cycle and in each session be conscious of at least 2 safety considerations needed. Cook a healthy meal from one of the recipes you have done in food this cycle. 	 Rules, strategies and tactics. Think about: What are the main rules for the sport you are covering now? Write down 3 rules you have learnt. Can you give an example of a simple strategy or tactic you have been using? Can you give an example of a more complex strategy or tactic you have been using? Give 3 rules you must follow in the kitchen. Terminology: Give 3 examples of terminology you have learnt in any of your SHN lessons. Knowledge of muscles and bones - how many muscles and bones can you label correctly? Being resilient - positive growth mindset and never give up attitude- always looking to improve! Give an example of how you have demonstrated resilience in your lessons. If you found something challenging/ difficult but kept trying - How did you feel afterwards? 	 progress



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SPORT, HEALTH AND NUTRITION - Muscles and Bones



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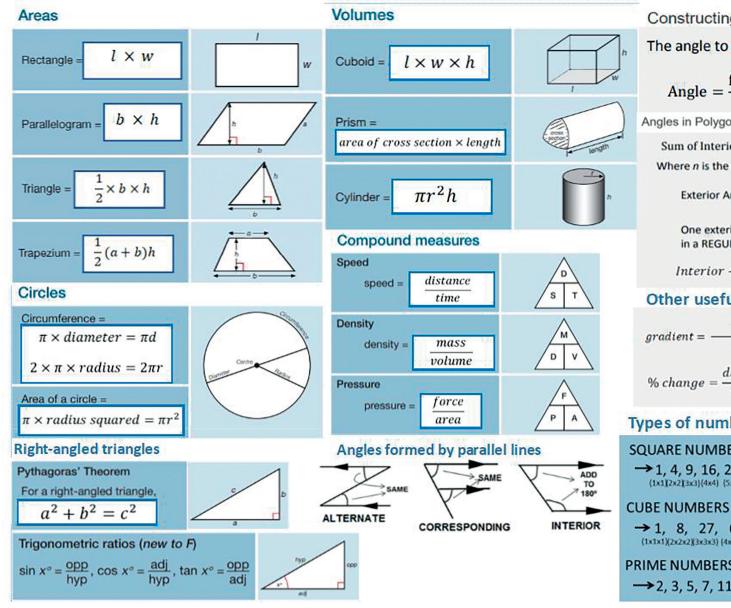
		Li
		What it means
	SP	Incorrect spelling
	CL	Use a capital letter
	ο	Missing full stop or missing punctuatio
	//	New paragraph
	ww	Wrong word choice
	?	Doe this make sens
= = -	нพ	Handwriting is illeg
		Curious incide
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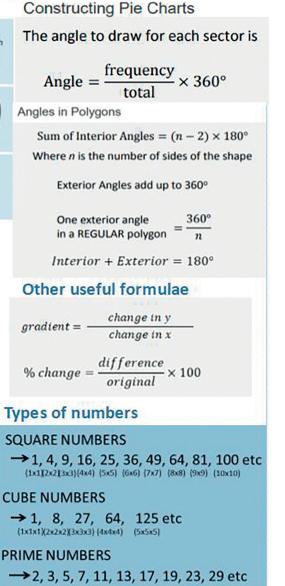
Literacy Marking Codes		Reading Consistencies		
What it means	What you need to do in green pen	Following text at	Use your bookmark to follow the text. This way you know exactly where you are when you are asked to read and you	
Incorrect spelling	Find the correct spelling and write it in the margin three times	all times	wont lose your place during discussion. Use an overlay if you have one.	
Use a capital letter	Replace the lower case letter with a capital	Switching the reader	When you are given the instructions you are to take over the reading for a period of time. All pupils are expected to read.	
Missing full stop or other missing punctuation	Add the punctuation in the correct place		Using your bookmarks to carefully note where you have	
New paragraph	Think why you need a new paragraph here (change of topic/time/place/speaker)	Holding the place	stopped reading so that you can commence reading agai swiftly once discussion is over.	
Wrong word choice	The word you have chosen does not fit in this sentence - chose an alternative	Checking the punctuation/	Your teach may ask you to reread a section, paying attention to the pauses, exclamation marks and question	
Doe this make sense?	Re-write the sentence so it makes sense	emphasis	marks written in the text.	
Handwriting is illegible	Re-write the selected words so they are legible and clear	Pointing out the error	Your teach may ask you to reread a particular word, breaking it down and sounding it our so that the correct pronunciation is given.	
The West Exe Canon - a collection of culturally significant texts				

The West Exe Canon - a collection of culturally significant texts

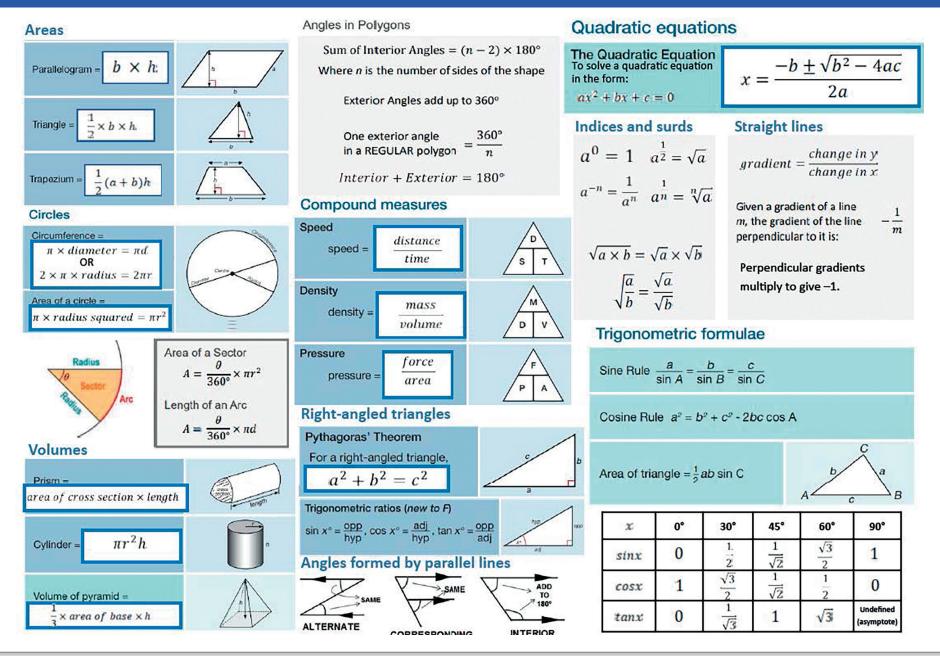
Curious incident of the Dog - Mark Haddon (2003)	Heroes - Robert Cormier (2014)
Although gifted with a superbly logical brain, for fifteen-year-old Christopher everyday interactions and admonishments have little	The book gets to the heart of human nature and the moral issues and choices we have to make.
 meaning. Synopsis: A murder mystery like no other, this novel features Christopher Boone, a 15 year-old who suffers from Asperger's syndrome. When he finds a neighbour's dog murdered, he sets out on a journey which will turn his whole world upside down. Context: This book examines how difficult it can be some or people to navigate the hurdles of life. It also makes us consider how we can treat these people more gently and sensitively. 	 Synopsis: Francis Joseph Cassavant is eighteen. He has just returned home from the Second World War, and in a terrible accident he lost his face. He does have a gun and a mission: to murder his childhood hero. Context: A serious well written YA novel exploring the nature of heroism, set in post WW2 USA but managing to retain a timeless quality.

YEAR 10 CYCLE 1 MATHS: Foundation Formula Sheet





YEAR 10 CYCLE 1 MATHS: Higher Formula Sheet



YEAR 10 CYCLE 1 COMBINED SCIENCE				
KEY VOCABULARY	WEEK 1	WEEK 2		
 Asexual - producing new organisms with one parent only. These organisms are genetically identical to their parent. Chemical Defence - the use of chemical compounds by organisms to defend against attacks. Communicable Disease - any disease that can spread from person to person. Diploid - a cell or nucleus that has 2 sets of chromosomes. Genome - the complete set of gene present in a cell or organism. Genotype - alleles for certain characteristic that are found in an organism. Haploid - cells or nuclei with only 1 set of chromosomes (sex cells). Immunisation - making someone immune. 	 Mitosis produces two genetically identical daughter cells. The cells are diploid and the process is asexual. Produces body cells for growth and repair. Interphase: DNA is replicated, happens first Prophase: nucleus starts to break down, spindle fibres appear. Metaphase: chromosomes line up at the centre of cell Anaphase: spindle fibres contract and chromosomes separate. Telophase: a membrane forms around each set of chromosomes to form nuclei. Cytokinesis: cell surface membrane forms (cell wall forms in plant cells). 	 Stem Cells: cells that divide repeatedly and can then differentiate: Embryonic: early embryo cells that can produce any cell type. Adult: can only produce one type of cell, allow tissues to grow and replace damaged cells. Reflex Arc: a neurone pathway consisting of a sensory neurone passing impulses to a motor neurone often via a replay neurone. Sensory Neurone: a neurone that sends impulses from receptor cells to the central nervous system. Relay Neurone: a short type of neurone found in the spinal cord and brain. Motor Neurone: a neurone that sends impulses to effectors (muscles or glands). 		
 Meiosis - a form of cell division where one parent produces 4 haploid cells. 	WEEK 3	WEEK 4		
 Mitosis - a form of cell division where one parent produces 2 diploid cells. Monohybrid Inheritance - the study of how the alleles of just one gene are passed from parents to offspring. Non-communicable - when disease cannot spread from animal to animal or person to person. Pedigree Charts - show how genotypes are inherited in families though generations. Phenotype - the characteristics produced by certain sets of alleles. Physical Barrier - a barrier that makes it difficult for pathogens to get into the body. Punnett Square - a diagram used to predict the characteristics of offspring. Zygote - a fertilised egg cell. 	 Meiosis: a form of cell division in which one parent cell produces 4 non-identical haploid daughter cells. The zygote cell inherits different genetic information from each parent, which produces genetic variation between individuals. There are 2 types of species variation: Environmental Variation: differences in organisms caused by the surroundings (acquired characteristics) Genetic Variation: differences in organisms caused mutation and sexual reproduction. DNA (Deoxyribonucleic acid): a polymer made of 2 sugar-phosphate backbones joined to bases forming a double helix shape. 	 DNA Bases: made up of nitrogen; Joined by hydrogen bonds Complementary base pairs: 		

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WEEK 5	WEEK 6	WEEK 7
 Heterozygous: when the alleles for a gene are different in an organism (e.g. Rr). Homozygous: when the alleles for a gene are the same in an organism (e.g RR, rr). Punnett squares are used to work out the probability of offspring inheriting certain genotypes and phenotypes. Mutation: change to a gene caused by a mistake in copying the DNA base pairs during cell division, or by the effects of radiation or a certain chemical. Human Genome project produced a map of base pairs in 1 set of human chromosomes. Evidence for evolution is found in fossils. Human evolution is explained with the discovery of human-like fossils: Ardi - 4.4my old, Lucy - 3.2my old, Homo habilis & Homo erectus found by Leakeys. 	 Evolution Alfred Russel Wallace and Charles Darwin both independently developed theories to explain how evolution happens. Darwin's theory of evolution, states that simple life forms gradually evolved into more complex forms. The main steps in natural selection: Individual organisms within a particular species show a wide range of variation for a characteristic. Individuals with characteristics most suited to the changing environment are more likely to survive and to breed successfully. This is called 'survival of the fittest'. The characteristics (genes) that have enabled these individuals to survive are then passed on to the next generation. 	 Carl Linnaeus, 1735, published his classification where he divided organisms into hierarchical groups, Kingdom, genus and species. Domains: Archea, Bacteria, Eukarya. Artificial selection is when humans choose organisms with useful characteristics, Plants and animals are often selectively bred for: disease resistance, yield, environmental robustness, fast growth and flavour. Risks include species with very little variation may be at higher risk of extinction if the environment changes. Genetic engineering involves changing the DNA of one organism, often by inserting genes from another creating genetically modified organisms (GMOs).
WEEK 8	WEEK 9	WEEK 10
 Health is "the state of complete physical, mental and social well being". Non - communicable: a disease that cannot spread from person to person, e.g cancer. There are several types of these: Genetic disorders caused by faulty alleles passed to offspring. Malnutrition when you eat too little of too much which can develop into a deficiency disease. Influenced by lifestyle factors (diet, smoking, exercise, alcohol consumption, drugs) e.g. obesity, cirrhosis, CVD. Cardiovascular disease is a result of poor circulatory system functioning. The fat mostly linked with CVD is the abdominal fat and the method used to measure it is waist-to-hip ratio. Treated with stents, bypass operations and medicines. 	 Communicable disease: a disease that can spread from person to person, e.g. a cold. Pathogens (disease causing organisms) cause communicable diseases Viruses, bacteria, fungi, protists Cholera is caused by bacteria and spreads in water and causes diarrhoea. Tuberculosis is caused by bacteria and spreads in the air and causes lung damage. Malaria is caused by protists and is spread by animal vectors. Chalara ash dieback causes leaf loss and bark lesions in trees, is caused by fungi and spreads in the air. Malaria causes damage to blood and liver. HIV and Chlamydia are sexually transmitted infections (STI) are spread during unprotected sex. 	 The human body prevents the entry of pathogens via physical barriers (mucus, cilia, skin) and chemical defences (lysozymes, hydrochloric acid). This is how the body responds when a pathogen enters the body: Exposure to a pathogen Antigens trigger an immune response Antibiodies and memory lymphocytes produced Memory lymphocytes remain in case there is a second encounter Antibiotics: used to treat bacterial infections, work by inhibiting the cell processes of the bacterium. Antibiotic resistance: The ability of a bacteria to survive exposure to an antibiotic. It is caused by mutation in their genes and is an example of natural selection.

	YEAR 10 CYCLE 1 G	EOGRAPHY - Challenge	of Natural Hazards	
WEEK 1	Ex WEEK 2	WEEK 3	WEEK 4	WEEK 5
 Plate tectonics Plate margins are where two tectonic plates meet. The surface of the Earth is called the lithosphere and contains the oceanic crust (5-10km thick) and the continental crust (20-100lkm thick). The top layer of the mantle is called the asthenosphere Constructive margin: two plates are moving apart. Magma is forcing its way to the surface along mid-ocean ridges. As it breaks through overlying crust, it causes earthquakes and forms volcanoes on the surface. The magma at constructive margins is very hot and fluid, meaning it flows a long way. This results in typically broad and flat shield volcanoes. Destructive margin: Two plates are moving towards one another. The relatively dense oceanic plate subducted beneath the less dense continental plate. Friction between the two plates causes strong earthquakes. As the oceanic plate us pulled into the mantle, it melts. It breaks through the surface to form steep-sided composite volcanoes. Conservative margin: Two plates are moving past each other. Friction between the plates causes earthquakes. Earthquakes occur as stresses gradually build up over many years. They can be damaging as they occur close to the Earth's surface. The stress is released when the plates slip and shift. No magma escapes so there are no volcanoes. 	 New Zealand (HIC) vs Haiti (LIC) earthquake CHRISTCHURCH, NZ (22 February, 2011) Conservative/fault system (mag 6.3, depth 5km). Primary effects: 185 deaths; 3129 people injured; 100,000 properties were damaged; \$28 billion of damage; water and sewage pipes damaged. Secondary effects: schools closed for two weeks; Five Rugby World Cup matches cancelled; 50-100 years for economy to recover. Immediate responses: around \$6-7 million in international aid; 30,000 residents provided with chemical toilets. Long-term responses: construction of around 10,000 affordable homes; water/ sewage restored by Aug 2011. HAITI (12 January 2010) Conservative margin (mag 7.0, depth 13km). Primary effects: 3 million people affected; 220,000 deaths. Secondary effects: Damage to the clothing industry/exports; cholera outbreaks; 1.3 million made homeless. Immediate responses: Emergency rescue teams from Iceland; UN troops sent to distribute aid; temporary field hospitals set up. Long-term responses: Schools rebuilt; small farmers being supported; still 1,300 camps one year later. 	 Reducing the risks of tectonic hazards VOLCANOES Monitoring: Remote sensing detects heat and changes in the volcano's shape. Instruments detect gases released as magma rises and Seismographs record earthquakes. Prediction: Due to high-tech monitoring, scientists are able to accurately predict eruptions e.g. Iceland 2010. Protection: It is possible to use earth embankments or explosives to divert lava away from property e.g. Etna. Planning: Authorities need to prepare emergency shelter, food supplies and form evacuation strategies. Exclusion zones can be designated. EARTHQUAKES Monitoring: Generally occur without warning. Some evidence that changes in water pressure, ground deformation and minor tremors happen prior to a quake but not reliable. Prediction: Main way to reduce risk. Construct buildings and bridges to resist ground shaking. Reinforced concrete columns with a steel frame. Planning: Regular earthquake drills to help people keep alert and prepared. Fasten down furniture and know how to turn off mains gas in the home. 	Global atmospheric circulation Image: Circulation of the second of the secon	Tropical storms Where? Tropical storms form over warm oceans (above 27°C). They form in the summer and autumn when sea temperatures are at their highest. Most form 5-10° north and south of the equator. Not enough 'spin' from the rotation of the Earth at the equator - known as the Coriolis effect. In tropical regions, the intense heat makes the air unstable, causing it to rise rapidly. Causes Strong upward movement of air draws water vapour up from the warm ocean; evaporated air rises and condenses to form thunderstorms; it releases heat which powers the storm; several smaller thunderstorms join together to form a giant spinning storm, when surface winds each 75mph it officially becomes a tropical storm; it develops an eye where air descends rapidly; the outer edge is the eyewall with the most intense weather conditions; the storm's energy supply is cut off and friction with the land slows it down and it begins to weaken. Some computer models suggest that the frequency of tropical storms may decrease in the future but their intensity might increase. This is linked to increases in sea surface temperatures, which have increased in the tropics by 0.25°C and 0.5°C. This means they might happen outside the current area.

	YEAR 10 CYCLE 1 G	EOGRAPHY - Challenge	e of Natural Hazards	
الله WEEK 6	WEEK 7	E WEEK 8	WEEK 9	WEEK 10
 Typhoon Haiyan In November 2013, a category 5 'super typhoon' hit the Philippines. Winds of up to 275km/h and waves as high as 15 metres. Province of Leyte took the full force with the city of Tacloban one of the worst affected places. Five metre storm surge. Primary effects: 6300 people killed; 40,000 homes damaged or flattened (90% of Tacloban); 30,000 fishing boats destroyed; over 400mm of rain caused widespread flooding. Secondary effects: 14 million people affected; 6 million lost their source of income; flooding caused landslides, cutting off aid to remote communities; outbreaks of disease; looting and violence in Tacloban. Immediate responses: US aircraft carrier George Washington delivered aid; over 1200 evacuation centres set up to help the homeless; Philippines Red Cross delivered basic food aid; French, Belgian and Israeli field hospitals set up to help the injured. Long term responses: 'Cash for work' programmes where people paid to help clear debris and rebuild the city; rice farming and fishing quickly reestablished; thousands of homes have been built away from areas at risk of flooding; aid agencies such as Oxfam supported the replacement of fishing boats; more cyclone shelters built to accommodate people evacuated from coastal areas. 	 Reducing the effects of tropical storms Monitoring and prediction: Developments in technology have made it possible to predict/monitor tropical storms accurately and effectively. In the North Atlantic, two levels of warning issued by the National Hurricane Center in Miami. Hurricane Watch - advises that hurricane conditions are possible. Hurricane Warning - advises that conditions are expected and people should take immediate action. NASA monitors weather patterns across the Atlantic using two unmanned aircraft called Global Hawk drones. Supercomputers can now give five days warning and an accurate location within 400 kilometres. Protection: Windows, doors and roofs reinforced to strengthen buildings; storm drains constructed in urban areas; sea walls to protect against storm surges; houses close to the coast built on stilts; Bangladesh has nearly 2000 cyclone shelters. Planning: Raising individual and community awareness so people understand the dangers; in the USA, there is a National Hurricane Preparedness Week; families encouraged to create their own plan of action. 	 Extreme weather in the UK Somerset Levels floods (2014) Located in SW England. Area of low-lying farmland and wetlands bordered by the Bristol Channel, Quantock Hills and Mendip Hills. Flooding has occurred naturally here for centuries. Causes: Wettest January since records began. Succession of depressions across the Atlantic Ocean brought 350mm of rain in Jan/Feb. High tides and storm surges swept up the rivers from the Bristol Channel, spilling over the river banks. Rivers had not been dredged for at least 20 years and became clogged with sediment. Social impacts: 600 homes flooded; 16 farms evacuated; villages such as Moorland cut off; power supplies cut. Economic impacts: Damage more than £10 million; over 14,000 ha of agricultural land under water; railway line closed. Environmental impacts: Floodwaters heavily contaminated with sewage and pollutants; debris had to be cleared. Immediate responses: Villagers used boats to go shopping and attend school. Long-term responses: £20 million Flood Action Plan launched; in March 2014, 8km of the River Tone and Parratt were dredged in increase capacity; road levels raised; river banks strengthened and pumping stations built. 	<section-header><section-header><section-header><text><text><text><text><text><text></text></text></text></text></text></text></section-header></section-header></section-header>	 Managing climate change Mitigation: reducing emissions and stabilising the levels of greenhouse gases. Alternative energy sources: Hydroelectricity, nuclear power, solar, wind and tidal. Do not emit large amounts of CO2. Some renewable. Carbon capture: Aims to capture up to 90% of the CO2 that would otherwise enter the atmosphere. Carbon gas is compressed and transported by pipeline to a well and stored in geological reservoirs. International agreements: Paris Agreement (2015) - 195 countries adopted the first ever universal and legally bunding global climate deal. Agreed to keep temperature increase below 2°C. Adaptation: Adapting to the climate change already in the pipeline; adjusting to future climate Changes in agricultural systems: New irrigation systems, shade trees planted to protect seedlings from strong sunshine, educating farmers in water harvesting. Changing the crops and varieties such as drought-resistant crops. Cost of adapting is more difficult for poorer subsistence farmers. Reducing risk from rising sea levels: By 2100, sea levels are expected to rise by a further 26-82cm. Managed by restoring coastal mangrove forests, building houses raised off the ground on stilts, constructing sea walls.

YEAR 10 CYCLE 1A HISTORY - Medicine Through Time, c.1250-1500 Learn these words in weeks 1-3

TIMELINE OF KEY DATES KEY EVENTS / INDIVIDUALS 1348-49: Hippocrates: An Ancient

Greek doctor who developed

the Four Humours Theory. He

supported clinical observation and

Galen: A Greek doctor who worked

in Ancient Rome. Galen developed

Hippocrates ideas and wrote the

first complete medical history. He

proved that the brain controlled

the body, but mad mistakes

human dissections

because he could not perform

encouraged doctors to take the

Hippocratic Oath.

The Black Death struck Britain, killing at least 1/3 of the population.

- Symptoms: Buboes (swellings), fever/chills, headaches and vomiting.
- Ideas about its cause: Religion (God's punishment), astrology, miasma, volcanoes, imbalanced humours.
- Preventative methods / treatments: Praying, lucky charms, cleaning up streets, sitting in sewers, lighting fires, smelling herbs (to get ride of miasma).

Astrology: Basin ideas about illness upon the position of stars and planets.

Dissection: Cutting open (human) bodies to find out how the body works.

Monasteries: Religious buildings / homes for monks where care for the sick was provided.

Supernatural Medicine: Ideas and practice based upon Gods and Spirits. Supernatural practice included prayer, pilgrimage (travelling to holy site) and fasting.

Natural / Rational Medicine: Ideas and practice based upon research and evidence.

The Four Humours: A theory that the body was made up of four liquids (yellow bile, black bile, phlegm and blood) which needed to be balanced to ensure good health.

Theory of Opposites: Galen's idea that humours should be balanced with an opposite treatment (e.g. hot peppers for a cold).

Clinical Observation: The practice of doctors looking carefully at a patient's symptoms before prescribing a treatment.

The Hippocratic Oath: A promise that doctors would always do their best for their patients.

Barber Surgeons: Carried out blood-letting, pulling teeth and minor operations.

Flagellants: Religious extremists who whipped themselves in order to show God that they were sorry for their sins. In doing so, they hoped to avoid Black Death.

KEY VOCABULARY



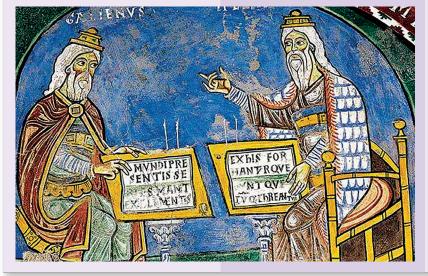
Miasma: 'Bad air'. It was believed that things such as dead animals, rotting food and waste caused illness.

Bloodletting: A treatment used to balance the humours.

Purging: Making a patient vomit or using a laxative to balance humours.

Apothecaries: Chemists who mixed up medicines and ointments.

Physicians University trained doctors, used only by the rich.



YEAR 1C	CYCLE 1B HISTORY - Medicine Through Time Learn these words in weeks 4-5	e, c.1500-1700
TIMELINE OF KEY DATES	KEY EVENTS / INDIVIDUALS	KEY VOCABULARY
 1440: The printing press is first invented. It increased the number of books and reduced their cost, meaning new ideas could spread more freely. 1536: Henry VIII closed down the monasteries. This led to a decline in medical care in England. 1543: Vesalius's <i>Fabric of the Human</i> Body is published. It provided an accurate, layer-by-layer atlas of the anatomy. 1628: William Harvey's book, <i>An Anatomical Account of the Motion of the Heart and Blood in Animals</i> is published. 1660: The Royal Society was formed its wealthy members carried out experiments, publishing their findings. 1665: The Great Plague of London. Little has changed since 1348, although there was greater reaction from local councils. 1676: Thomas Sydenham's book, <i>Observationes Medicae</i> is published. 1685: King Charles II dies after medical treatments which included blood-letting, laxatives, cardiac tonic and essence of human skull. 	<text><text><text><text></text></text></text></text>	 Renaissance: The rebirth of learning (c.1500-1700), when people began to challenge and test old ideas. Reformation: The split in the Christian Church (between Catholics and Protestants) which saw the power of the Church over medicine decline. Pest Houses: Hospitals for people suffering from contagious diseases. These increased after the closure of the monasteries. Theory of Transference: The idea that if a sick person rubbed an object on himself/herself, the disease would transfer to the object. Licence: This piece of paper was needed by apothecaries and surgeons after 1500 to show that they have completed training. Anatomy: The study of the human body. Quarantine: A way of preventing the spread of the plague in 1665. Plague victims were kept inside guarded houses with watchmen outside. Technology: 17th Century inventions such as water pumps and clocks help Harvey prove the workings of the heart. Padua: An Italian University that encouraged experimentation and new ideas.

YEAR 10 CYCLE 1C HISTORY - Medicine Through Time, c.1700-1900 Learn these words in weeks 6-8 **KEY VOCABULARY** TIMELINE OF KEY DATES **KEY EVENTS / INDIVIDUALS** 1796: Edward Jenner conducts the first successful smallpox Edward Jenner: A country doctor from Gloucestershire. Jenner Vaccination: A means of preventing a patient prevented the spread of smallpox vis cowpox, inventing the first from catching a disease. Usually, this is done by vaccination vaccination. Faced much opposition, but vaccinations were made giving a weakened does of the disease. The Development of Anaesthetics: compulsory in 1852. Smallpox: The highly-contagious feared killer 1844: Laughing gas is used. Louis Pasteur: A French chemist who proved his Germ Theory. disease of the 1700s **1846:** Ether is used, but it has many limitations. His work inspired many other leading doctors and continues to 1847: Chloroform was first used by James Simpson. **Cowpox:** A non-fatal disease which, if caught, influence behaviour today (washing hands, ect). allows the body to protect itself from smallpox. 1848: The First Public Health Act. It failed make an impact because **Robert Koch:** A German doctor who built upon Pasteur's work by its recommendations were optional. **Cholera:** A water-born disease that spreads identifying the specific germs that cause specific diseases. He also through various epidemics (outbreaks) in the early-1850: Microscopes has improved, allowing tiny images to be seen made germ easier to see under microscopes by dyeing them. mid 1800s. People living in poorer, slum areas were clearly. Florence Nightingale: The English nurse who made her worst affected. 1854: Amid an outbreak of cholera, John Snow proved that the profession respectable. Nightingale reduced the dealth rates in **Spontaneous Generation:** The incorrect theory disease was spread by contaminated water. Scutari (the British hospital in the Crimea) from 42% to 2%. She that germs randomly appeared from decaying established the Florence Nightingale School of Nursing in 1860. **1854-56:** The Crimean War. Florence Nightingale and her team matter. This was disproven by Pasteurs's germ transform hospital conditions and the nursing profession itself. **James Simpson:** A professor of midwifery who discovered the theory. 1859: First cottage hospitals opened. Nurses provide medical care chloroform was an effective pain reliever for women during **Germ Theory:** The idea that dust particles in the and doctors (GPs) gave prescriptions. childbirth. air carry germs which settle and cause disease/ **1859:** First cottage hospitals opened. Nurses provide medical care **Joseph Lister:** A surgeon working in the Glasgow Royal Infirmary decay. Pasteur proved this theory using two flasks and doctors (GPs) gave prescriptions. who used carbolic acid as an antiseptic. of water. **1861:** Louis Pasteur demonstrated his Germ Theory. Antiseptics: A liquid/substance that kills germs. John Snow: A well-respected London doctor who proved the 1865-66: Carbolic Acid was used as an antiseptic, first on cloths and link between cholera and infected water. When he removed Anaesthetic: A pain-relieving drug. the handle of water pump in Broad Street, deaths from cholera then as a spray. Aspetic Surgery: Removing all germs from slumped. The Identification of Specific Germs by Robert Koch: operating theatres. This was in place by 1900. **1876:** Anthrax. **Laissez-faire:** An attitude held by richer tax-payers 1882: TB (Tuberculosis). before 1875 that should not have to pay to clean **1883:** Cholera up the cities. The believed that the poor were 1875: The 2nd Public Health Act is successfully passed, Its points responsible for their own living conditions and included clean water, sewers, public toilets and street lighting. health. 1881: Pasteur publicly demonstrated his Anthrax vaccine on 50 **Midwifery:** Medical care given to women when sheep. giving birth.

YEAR 10 CYCLE 1D HISTORY - Medicine Through Time, c.1900-Present Learn these words in weeks 8-10					
TIMELINE OF KEY DATES	KEY EVENTS / INDIVIDUALS	KEY VOCABULARY			
 1895: The X-Ray is developed and will receive widespread use during the First World War (1914-1918). 1901: Blood types are discovered by Karl Landsteiner. 1909: Salvarsan 606 is developed as the first 'magic bullet' to cure syphilis. 1928: Penicillin is discovered by Alexander Fleming. 1932: The 2nd 'magic bullet' Prontosil is developed by Gerhard Domagk to cure certain types of blood poisoning. 1939: Florey and Chain continue Fleming's research into Penicillin. 1940: Penicillin is effectively testes on mice and (one year later) on a human patient. 1942: Mass production of penicillin is funded by the US government following America's entry into the Second World War. 1948: The National Health Service is launched by the Labour government. 1953: Watson and Crick discover the double-helix structure of DNA. 1965: Cigarette adverts are banned on television. 1988: The MMR (Measles, Mumps and Rubella) vaccination is introduced. 1990: James Watson led the Human Genome Project to identify and map every gene in human DNA. 2007: Smoking is banned in public places where people work. The legal age for buying tobacco rises from 16 to 18. 2016: Cigarette packaging is standardised and includes graphic warnings of danger. 	<text><text><text><text><text><text><text></text></text></text></text></text></text></text>	 DNA: Acid found in every cell of the body containing codes which control the genes of each person. Testing DNA can help identify and treat conditions such as Down's Syndrome and Parkinson's Disease. Lifestyle Factors: Everyday 'habits' which can negatively affect health such as drinking alcohol, smoking and poor health. Technology: Inventions which have changed the way illness is diagnosed, prevented, treated and cures. Examples include X-Rays, incubators, pacemakers, MRI, CT and ultrasound scans, and hypodermic syringes. Magic Bullet: A chemical compound that kills a specific disease inside the body without harming the patient. Super-bacteria: Germs which have evolved to become resistant to antibiotics. Sulphonamide: A key ingredient of Prontosil which also cured pneumonia, scarlet fever and meningitis. Treatments: Hi-Tech medical and surgical treatments include radiotherapy and chemotherapy, kidney dialysis, fitting pacemakers and organ transplants. Keyhole Surgery: Performing operations without needing to make large cuts into a patient thanks to tiny cameras and surgical instruments. Antibiotic: A drug used to treat bacterial infections. 			

YEAR 10 CYCLE 1 SPANISH - ¡Vamos de Vacaciones!					
	SPANISH	ENGLISH	LITERAL ENGLISH		
WEEK 1	Para mi, las vacaciones son muy importantes.	For me, holidays are very important.	For me, the holidays are very important.		
	Me encanta descansar con mi familia.	I love to relax with my family.	Me it enchants to relax with my family.		
WEEK 2	Normalmente, vamos a Gales y viajamos en cache.	Normally, we go to Wales and we travel by car.	Normally, we go to Wales and we travel in car.		
	A veces, vamos a España y viajamos en avión.	Sometimes, we go to Spain and we travel by plane.	At times, we go to Spain and we travel in plane.		
WEEK 3	En el sur de España, siempre hace mucho calor y no llueve mucho. En Gales, hace fresco ya veces hay chubascos.	In the south of Spain, it is always hot and it doesn't rain much. In Wales, it's fresh and at times it's showery.	In the south of Spain, always it makes much heat and not it rains much. In wales, it makes cool and at times there are showers.		
WEEK 4	Hace tres años, fui a Tenerife y me alojé en un hotel	3 years ago, I went to Tenerife with my family and I	Ago three years, I went to Tenerife and myself I lodged		
	de cuatro estrellas. Yo tenfa una habitación individual	stayed in a 4 star hotel. I had my own room with a	in a hotel of four stars. I had a room individual with		
	con balcón y vistas al mar. También, había una piscina	balcony and sea-views. Also, there was a magnificent	balcon and views to the sea. Also, there was a pool		
	magnffica.	swimming pool.	magnificent.		
WEEK 5	Lo pasamos bomba porque había mucho que hacer y hacía buen tiempo.	We had a whale of a time because there was lots to do and the weather was good.	It we spent bomb because there was much that to do and it was making good weather.		
WEEK 6	Hicmos turismo, nadamos en el mar y un día hicimos	We did sightseeing, we swam in the sea and one day,	We did tourism, we swam in the sea and one day we did		
	una excursión en autocar que fue muy interesante. Lo	we went on a trip by coach which was very interesting.	an excursion in coach that was very interesting. It that		
	que más me gustó fue la playa.	What I liked the most was the beach.	more myself pleased was the beach.		
WEEK 7	El año que viene, vamos a volver a Tenerife	Next year, we are going to go back to Tenerife but, if I	The year that comes,we are going to return to Tenerife		
	Pero, si tuviera el dinero, irfa a Mexico.	had the money, I would go to Mexico.	but, if I had the money, I would go to Mexico.		
	Serfa un sueño realizado.	It would be a dream come true.	It would be a dream realised.		
WEEK 8	Es un país que tiene todo: es un pafs muy histórico	It's a country that has everything: it's a very historical	It is a country that has all; it is a country very historical		
	y cultural pero también hay barrios modernos	and cultural country but there are also modern areas	and cultural but also there are neighbourhoods modern		
	y sitios de interés.	and places of interest.	and sites of interest.		
WEEK 9	Cancún tiene una vida nocturna muy animada y para el turista se recomienda probar la comida tradicional.	Cancun has a very lively night-life and for the tourist, trying the traditional food is recommended.	Cancun has a life nocturnal very animated and for the the tourist itself recommends to try the food traditional.		
WEEK 10	Par desgracia, ahora mismo jestoy sin blanca!	Unfortunately, right now, I'm skint!	For unfortunate, now same I am without white.		

WEEK 2 - T	RANSPORT	WEEK 3 - TH	E WEATHER	WEEK 4 - HOLIDAY ACCOMMODATION		WEEK 5 & 6 - PAST HOLIDAYS	
el aeropuerto	airport	el invierno	winter	el albergue juvenil	youth hostel	el primer día	the first day
el andén	platform	el otoño	autumn	alojarse	to stay (in a hotel)	al día siguiente	on the next day
el autocar	coach	la primavera	spring	el bañador	swimming costume	el último día	the last day
el avión	plane	el verano	summer	la cama de matrimonio	double bed	despué s	afterwards
barato	cheap	hace frío	it's cold	el camping	campsite / camping	luego/pues	then
el barco	boat	hace calor	it's hot	la estación de servicio	petrol station	más tarde	later
la bici(cleta)	bike (bicycle)	hace buen tiempo	it's good weather	fatal	awful / terrible	primero	first
el coche	car	hace mal tiempo	it's bad weather	el folleto	leaflet	por la mañana	in the morning
la consigna	left-luggage office	hace sol	it's sunny	el guía / la guía	guide (person)	por la tarde	in the afternoon
el crucero	cruise	hace viento	it's windy	la habitación doble	double room	por la noche	in the evening
el equipaje	luggage	está nublado	it's cloudy	la habitación individual	single room	bailar	to dance
el ferrocarril	railway	hay tormentas hay	it's stormy	la llave	key	comer paella	to eat paella
el aire acondicionado	air conditioning	chubascos	it's showery	la reserva	reservation	comprar recuerdos	to by souveniers
el tranvía	tram	llueve	it's raining	el saco de dormir	sleeping bag	descansar en la playa	to relax on the beach
las vacaciones	holidays	hace fresco	it's fresh	los servicios	toilets	escuchar música	to listen to music
la sala de espera	waiting room	nieva	it snows	la tienda	tent	hacer turismo	to go sightseeing
viajar	to travel	WEEK 8 - N	1Y REGION	la pensión	boarding house / B&B	ir a la playa	to go to the beach
el viaje	journey	el campo	the countryside	el pasaporte	passport	ir de compras	to go shopping
el metro	underground	la costa	the coats	el papel higiénico	toilet paper	ir de excursión	to go on an outing
la maleta	suitcase	el desempleo	unemployment	WEEK 9 - A TOU	RIST BROCHURE	ir de paseo	to go for a walk
la taquilla	ticket office	la diversión	entertainment	abierto	open	montar en bici	to ride a bike
WEEK 7 - FUTU	JRE HOLIDAYS	muy poblado	crowded	callado	quiet / reserved	nadar en el mar	to swim in the sea
si pudiera	if I could	nacer	to be bornn	cargar	to load	quedarse	to stay
si fuera rico	if I were rich	nací	l was born	cerrar	to close I shut	sacar fotos	to take photos
si fuera posible	if it were possible	nació	he/she was born	la cocina	cuisine / cooking	salir a comer	to go a out to eat
comería	l would eat	la montaña	the mountains	conocer	to know	tomar el sol	to sunbathe
comprarfa	l would buy	el país	country	entero	entire / whole	visitar monumentos	to visit monuments
iría	l would go	perscar	to fish	gruñón	grumpy	me encantó	l loved it
me alojaría	l would stay	el río	river	pintoresco	picturesque	me gustó	l liked it
me gustaría	I would like	la sierra	mountain range	el recuerdo	memory / souvenir	era	it was
nadaría	I would swim	tanto	so much / many	la sombrilla	sunshade / parasol	había	there was
pasaría	l would spend	el norte	the north	el taller	workshop	tenía	it had
saldría	l would go out	el este	the east	tranquilo	peaceful	WEEK 10, 11, 12 - A	
viajaría	I would travel	el sur	the south	el valle	valley		
visitaría	l would visit	el oeste	the west	el/la visitante	visitor		

WEEK 1: Glossary	WEEK 2: Personal (Soft) Skills	WEEK 3: Transferable Skills	WEEK 4: 21st Century	WEEK 5: SMART Targets
Personal skills / Soft skills: Skills, values and qualities that are important in all jobs. 21st Century skills: The skills identified as being important for 21st century learners and workers. Transferable skills: Abilities that can be applied to a wide range of different courses and jobs. SMART targets: Goals that will help you successfully plan and complete a project. Case interview: A interview where your are given a situation and have to give a solution for managing it. Puzzle interview: Involves questions which test how quickly you can think on your feet and how you approach tricky problems.	 Critical Thinking: Thinking creatively and analytically to make thoughtful decisions. Problem Solving: Effectively and swiftly making rational decisions. Flexibility/Dependability: Reliability and trustworthiness; adapting to change and being willing to help colleagues. Interpersonal (people) Skills: Working well with employers, colleagues and clients. Motivation: Putting maximum effort into the work and learning from mistakes and failures. 	 Interpersonal Skills Communication. Leadership and Supervising. Teamwork. Exploration and Implementation Skills Researching and Analysing. Problem solving and Decision making. Planning and Organising. Self-Management and Values Learning, Improving and Achieving. Resilience, Adaptability and Drive Enterprising. 	 Ways of thinking: Creativity. Critical thinking. Problem-solving. Decision-making. Ways of working: Communication. Collaboration. Tools for working: ICT. Information literacy. Skills for living in the world: Citizenship. Life and career skills. Personal and social responsibility. 	 Specific Well defined. Clear to anyone that has a basic knowledge of the project. Measurable Know if the goal is obtainable and how far away completion is. Find out when you have achieved your goal. Agreed upon Agree with everyone involved what the goals should be. Realistic Within the availability of resources, knowledge and time. Time-Based Enough time to achieve the goal. Not too much time, which can affect project performance.
 What is a CV? Your CV is an advertisement for you. It sells your skills, experience and personal qualities. A CV can be Chronological - show your education and work experience in date order. Or a CV can be Functional - highlight your skills first. 	 What should go on my CV? Your name and contact details. Skills that will help you do the job well. Qualifications. Past jobs and work experience. Interests that show the 'whole person'. Referees - people who can back up what you say on your CV. 	 What is a CV? Spelling and punctuation. Formatting. Have you included all the right information? Are you using relevant examples, from school, work, other activities to demonstrate all your skills and personal qualities, linking these to the job you are applying for? 	 CV tips: DO ✓ Be positive and sell yourself. ✓ Highlight your relevant skills and experience. ✓ Use evidence. ✓ Be brief and to the point. ✓ Check spelling and grammar. ✓ Tailor your CV to each job. 	 CV tips: DON'T Lie. Use more than two pages. Cram your CV into one page. Include your date of birth, gender or marital status. Leave gaps in your school or work record.
 Types of job interview The Traditional Interview The Phone Interview The Skype Interview The Case Interview The Puzzle Interview The Lunch Interview The Group Interview The Working Interview The Firing Squad (Panel interview) The Career Fair Interview 	 Preparing for an interview Carefully read the job description. Think why you want that job. Research the company and job. Consider your answers to common interview questions. Prepare thoughtful questions for the interviewer(s). Conduct mock interviews. Practice your body language and speaking voice. Prepare your travel arrangements. 	 4 ways to make a good impression Punctuality: Arriving late gives a bad first impression. Positivity and enthusiasm: Answer questions with positive statements and be enthusiastic. Body language: Sit naturally, don't slouch, smile frequently and maintain eye contact. Clarity: Give clear and concise answers, evidencing your most relevant skills. Give yourself thinking time before answering. 	 Sample interview questions Why do you want this course/job? Describe yourself in 3 words. What are your strengths? What are your weaknesses? Tell me about when you worked as part of a team. What do you do outside of school? What have you achieved that you are most proud of? Where do you see yourself in 5 years? 	 Tricky interview questions What type of animal / vegetable would you be? In the future your name turns up on the front page of a newspaper - what woul the story be about? Sell me this pen. Describe the colour yellow to someone who can't see. You've been given an elephant. You can't give it away or sell it. What would you do with it?

WEEK 6:	WEEK 7:	WEEK 8:	WEEK 9:	WEEK 10:
The Holocaust	Cambodia	Bosnia	Rwanda	Darfur
he Holocaust began in 1933 when Adolf litler came to power. ewish people were excluded from public fe on September 15, 1935 when the Nuremberg Laws were issued. These aws also stripped German Jews of their itizenship and their right to marry germans. The Nazis ordered all Jews to wear a yellow itar of David on their clothing so they ould be easily targeted. ews were forced to live in specific areas of the cities called ghettos. In the larger phettos , up to 1,000 people a day were ransported to concentration camps or leath camps . Between 1933 and 1945, he Nazis created more than 40,000 camps. Cristallnacht (9.11.1938). Nazis pillaged, purned synagogues, damaged Jewish- ware destroyed. 91 Jews were killed and 10,000 were sent to concentration camps. 1 million people were killed during the folocaust (1.1 million children). 6 million vere Jewish. Other groups targeted were ehovah's Witnesses, disabled people, nomosexuals and Roma. Wo-thirds of Jews living in Europe at the ime of World War II were killed by the lazis.	 The Khmer Rouge was a brutal regime that ruled Cambodia, under the leadership of Marxist dictator Pol Pot, from 1975 to 1979. Pol Pot's attempts to create a Cambodian 'master race" through social engineering ultimately led to the deaths of more than 2 million people in the Southeast Asian country. Hundred of thousands of workers on farm collectives established by Pol Pot died from disease, starvation or damage to their bodies sustained during back-breaking work or abuse from the ruthless Khmer Rouge guards overseeing the camps. Pol Pot's regime also executed thousands of people it deemed as enemies of the state. Those seen as intellectuals, or potential leaders of a revolution were executed. Some were killed for appearing to be intellectuals, by wearing glasses or being able to speak a foreign language. As a result, thousands of educated, middle-class Cambodians were tortured and executed in special centres, the most infamous of which was Tuol Sleng jail where nearly 17,000 men, women and children were imprisoned during the regime's four years in power. During the Cambodian Genocide an estimated 1.7 to 2.2 million Cambodians were killed. 	 Bosnia and Herzegovina declared its independence from the former Yugoslavia in spring 992. At the time, the population was made up of Bosniaks (Bosnian Muslims), Serbs, Croats and Yugoslavs. The Serbs took brutal and violent action against both the Bosniaks and the Croats, with the intention of expelling both ethnicities. This is known as ethnic cleansing. The Serbs displaced, tortured and murdered these groups over the course of a three-year civil war. In 1993, the U.N. declared that three Bosnian towns, Gorazde, Srebrenica and Zepa were safe havens, under the protection of international peacekeepers. Bosnian Serbs attacked Srebrenica, overthrowing the Dutch peacekeeping forces meant to protect the region. Over the course of four days, 15,000 men were hunted by Serbian forces. 8,000 men and boys were killed and buried in hidden mass graves. During this time, an estimated 20,000 women and children were forced out of their homes and sent to Serbian-controlled regions or camps. Over the course of three years, the civilian death toll reached 200,000. On top of this, another 2 million Bosnians were displaced from their homes. 	The Rwandan Genocide was one of the largest explosions of mass violence in modern history. Over the course of 100 days between April and July 1994, as many as a million ethnic Tutsi and moderate Hutu men, women, and children were slaughtered by members of the Hutu majority. On April 6th, an aeroplane carrying the presidents of Rwanda and Burundi, both Hutus, was shot down, killing both. The assassination was blamed on the Tutsi minority. The Hutu radio channel, RTLM, announced the deaths, urging the Hutus to attack the Tutsi population. Within a few hours of the assassination, the Rwandan military, dominated by Hutu radicals, took control. They urged Hutus to kill every Tutsi they came across. The effective use of propaganda created a Hutu population that followed instruction with deadly efficiency. An estimated 800,000 people were killed by mid-May. The pace of the killings even outpaced that of the Holocaust. The Rwandan Genocide is also noteworthy because the killings were carried out by individuals acting out orders from a central command. This often meant victims would have known their attackers personally, adding to gruesomeness of the genocide.	The Darfur Genocide is the mass slaughter of Darfuri men, women, and children in Western Sudan. The killings began in 2003 and became the first genocide of the 21st century. The genocide is being carried out by a group of government-armed and government-funded Arab militias known as the Janjaweed (which loosely translate to 'devils on horseback'). Attacks on Darfuri villages commonly begin with Sudanese Air Force attacks using Russian-supplied Antonov bombers Air campaigns are often followed by Janjaweed militia raids. Villagers are either murdered or forced to flee. Looting, burning food stocks, enslaving women and children, and stealing livestock are common. Dead bodies are tossed in wells to contaminate water supplies and entire villages are burned to the ground. As of spring 2020, over 480,000 people had been killed and more than 2.8 million people displaced

INTRODUCTION OF GRAMMAR						
NAME		DEFINITION	EXAMPLE			
Types of Verbs	Verb	A verb expresses an action, state or a condition in a sentence. These can be either verbs of doing or being.	The boy ran to the park. I was here long ago.			
	Auxiliary Verbs	Auxiliary verbs help to form the various tenses, moods, and voices of other verbs. Auxiliary verbs: a form of be, do, have or a modal, used with a main verb to form different tenses.	She is reading a book. We were going to the beach. I had to eat the cake.			
	Mod <mark>al</mark> Verbs	These combine with other verbs to express necessity, possibility, and intention.	You should know what modal verbs are. He might not know the milk has gone bad. I ought to stop eating so much cake.			
	Participles	They are words formed from verbs and look like verbs, but they are used as adjectives (i.e. they describe a noun). Past participles end in 'ed'; present participles end in 'ing'. These will always be non-finite.	In the house, there was a screaming witch. The worried man kept eating the cake. The dying woman reached for the hand of her weeping son.			
	Gerunds	A gerund is a verb that is acting as noun in a sentence. It's made from a verb by adding '-ing.' Infinitives are the 'to' form of the verb. E.g. to ski. Gerunds are the 'ing' form of the verb which acts as a noun.	Skiing is fun. I enjoy skiing.			
Finite or Non-finite	Finite or Non-finite Verbs	All verbs - regardless of their type - are either finite or non-finite when they are used. Finite verbs can only be used in some circumstances - if you change tense, the number or the person it will have to change. Whereas, a non-finite verb can be used in ANY number of circumstances. They won't change even if you alter the tense, the number or the person.	Ben sat on the bench, looking at the ducks. <i>First, identify the verbs</i> In the park, Ben sat on the bench, looking at the ducks. <i>Then, change the tense</i> In the park, Ben sits on the bench, looking at the ducks. Sat is finite - It had to change. Looking is non-finite - It didn't need to change			
Types/parts of sentence	Main Clause/ Simple Sentance	A main clause/simple sentence has one - and only one - finite verb and a subject. (It can have as many non-finite verbs as you like.) A subject is the thing doing the <i>verb</i> .	The crocodile ate my friend. In the desert, scorpions hide. The car crash was unexpected and tragic.			
	Object	A main clause <i>can</i> have an object, but it doesn't need one. The <u>object</u> is the thing that receives the <i>verb</i> - the subject affects it in some way.	The girl <i>kicked</i> the <u>ball.</u> The man <i>ate</i> <u>all of the cake.</u>			
	Imperative Sentances	Imperative verbs act as an instruction or command. It <i>is</i> a sentence, but it only has a finite verb as the subject is implied. This means it is obvious who the sentence is referring to so that it doesn't need to be stated.	Sit down. Hand me that cake! Tell me when the pain started.			
	Compound Sentence	Two main clauses linked together by a co-ordinating conjunction (FANBOYS). For/And/Nor/But/Or/Yet/So	The chips were delicious, but the fish was foul. I went to the shops to get some cake, so I could eat it for dessert. The man went dancing and the woman played Xbox.			
	Complex Sentance	Made up of two parts: a <u>main clause</u> and <u>one or more</u> subordinate clause. A <i>subordinating conjunction</i> always comes at the start of the subordinate clause.	<u>The boy sat down</u> after he heard the news. <u>Nobody saw the alien</u> because he was invisible.			

Types/parts of sentence	Complex Sentence - Subordinate Fronted	As above, but the subordinate clause comes before the main clause. It needs to be separated by a comma.	<u>After he heard the news</u> , the boy sat down. <u>Because he was invisible</u> , nobody saw the alien.
	Embedded Clause/Phrase	Clauses and <u>phrases</u> can be embedded in both main and subordinate clauses. They are usually embedded between the subject and the finite verb (of either the main or the subordinate clause). A comma is needed both before and after the embedded ingredient	Monkeys, <u>that were jumping and calling</u> , surrounded the car. The nun, with whom I recently had a falling out with, prayed to God.
	Fragments	A fragment is a word, that is punctuated as if it is a sentence. It is not a sentence because it doesn't have a subject and a finite verb. Fragments add emphasis, create a colloquial style and create realistic speech.	This is the worse day ever. Ever. She told me that if I didn't do my homework, she'd put me in detention. Well, whatever. "Where are you going?" "Home."
	Phrases	Whereas a clause has BOTH a subject and a finite verb, a phrase does not have BOT H a subject and a finite verb. A group of two or more words which usually do not contain a finite verb and which can act as a noun, verb, adverb, adjective or preposition.	This is a clause: after the school day ended. This is a phrase: after school.
	Prepositional Time Phrases	Phrases that indicated when something happens. A comma is needed to separate a (prepositional) time phrase from the rest of the sentence when it is before the main clause.	Yesterday, it was snowing heavily. It was snowing heavily yesterday.
Ises	Prepositional Place Phrases	Phrases that indicated where something happens. A comma is needed to separate a (prepositional) place phrase from the rest of the sentence when it is before the main clause.	Under the hill, Bilbo Baggins lived. Bilbo Baggins lived under the hill.
Phrases	Present Participle Phrases (ING)	Begins with an ING present participle and it does not have a subject or a finite verb. They are separated from the main clause with a comma - BOTH when they are before the main clause AND when they are after it. The phrase must refer to the subject of the clause.	Thinking about her hot dinner, the woman shifted on the cold seat. Watching their daughters play football, the two mothers shouted support.
	Past Participle Phrases (ED)	As above, but begins with an ED past participle.	Scared he might not make it, the boy ran to the toilet. The young couple hugged, thrilled at the news of their pregnancy.
	Adverbs	An adverb can be placed at the beginning, middle and end of a sentence. Adverbs are used to qualify or modify the verb. At the beginning it needs to be separated by a comma; in the middle of the subject and finite verb it needs be embedded between two commas; at the end it does not need to be separated.	Suddenly, the building exploded. The building exploded suddenly. The building, suddenly, exploded.
Advanced Punctuation	Semi-colon	Semi colons link two main clauses to form one sentence. They need to be related by topic or action. It does not link a sentence to a subordinate clause or phrase. You do not use a capital letter after a semi-colon.	This is how you use a semicolon; it is easy when you know how. My mother is from Italy; my father is from Poland.
	Colon	Colons introduce information, expanding or embellishing a point that has already been made. The information on each side is essentially the same but after the colon, there's usually more detail. You can imagine the colon being a stand in for the phrase 'let me tell you about it'.	It is very cold outside: there are icicles handing from my front door and the post man arrived by sled! I am allergic to two things: eggs and honey.
	Dashes	The dash is a punctuation mark used for emphasis and effect: it can be used to replace a colon, a semicolon, an ellipsis, brackets or a comma.	The dash is a versatile tool - it can replace a semi-colon or colon. You might also want to know - if you're <i>really</i> interested - that it can replace commas too.

