

Knowledge Organisers

Year 7

Summer Half Term 1

'Practice of what is taught'

Name:	• (
Tutor:	
House:	

Year 7 - Cultural Arts project

Key knowledge & skills

Discuss different cultural arts and crafts.

Observational drawing of artefacts from different cultures, looking at how colour, texture and pattern are used.











Understanding pattern—you will be able to recognise patterns and develop your knowledge on how they are created in different ways. You will do this through wax resist techniques.





Symbolism—understanding how shapes and imagery can be used to create symbols which have a meaning, sometimes obvious sometimes hidden. Adinkra symbols/Symbolic alphabets are a key example to look at.

Printing—learning different ways to print onto fabric/paper. Stencil printing to create blocks of colour.







Tie dyeing — Using elastic bands, beads and dye to create patterns in fabrics. Understanding different techniques such as pleating, twisting and folding to create different patterns on fabric.











Hand embroidery—learning basic stitches such as running stitch, back stitch and more potentially complex stitches such as cross stitch and chain stitch.

Designing your own work—being able to understand textile techniques and how they can be combined together to create a fabric final outcome.





Key terms and techniques

pattern colour textured print repeated layered recycled cultural natural man made cloth clothing fabric garment mask practical personal expressive embellishment symbolic tribal decorative woven ceremonial embroidered carved sculpted painted sewn

Key descriptive words

printing tie dyeing dyeing embroidery weaving sewina loom stencil printing beading block printing embellishing crayons dyes drawing inks needle threads printing paints recycling masks designing development recording planning layering wax resist composition pattern sculpting

Key artefacts and skills



Symbols have been used for centuries. They have been used for ancient alphabets such as hieroglyphics to symbols for human traits/emotions such as Adinkra symbols. They can be applied to all sorts of arts and crafts such as pottery, fabrics, jewellery, furniture and art.





Ceramics is a term used to describe objects made out of clay. Different countries and cultures have used clay to create useable objects such as bowls, cups and vases as well as more decorative ones to commemorate people (sometimes called busts) or hold special items (canopic jars in Ancient Egypt). Clay is often moulded into shapes by hand and then heated to high temperatures to "cook" it so it sets, it can still be fragile though!





Masks are artefacts that can be used for theatrical purposes, such as creating a character on stage. They may be used in ceremonies or rituals to represent animals or spirits. They can be made from a variety of materials and will be decorated differently depending on the culture they come from.





Textiles is a term used to describe materials/fabrics. Fibres are spun and turned into yarns, and these are then woven or fused together to create fabric. They can be decorated using a wide variety of techniques from dyeing to hand embroidery.





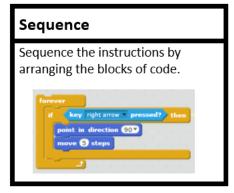
Printing is a technique that can be used in lots of different ways. On fabric it can be used to create repeat patterns. You will be learning stencil printing, a technique where you create a hole in paper in a particular shape and then push paint through that to print onto fabric (it can also be done on paper). You can create multi-layered stencils to add more than one colour to a design.

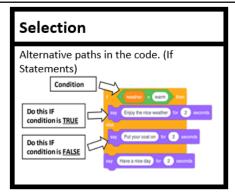
Computing Knowledge Organiser

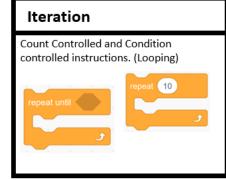


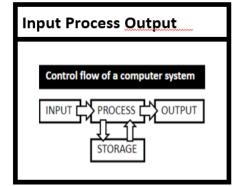
Topic: Scratch Programming

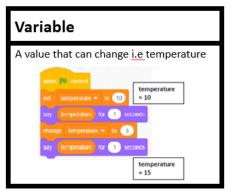
Rationale: Programming is a form of digital literacy and develops problem-solving skills. Scratch is a programming environment that allows you to create games, animations and other simulations.

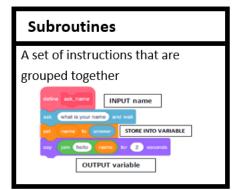














<u>K</u>	Key Words						
	Sequence	One of the three basic programming constructs. Instructions that are carried one after the other in order.					
	Selection	Instructions that can evaluate a Boolean expression and branch off to one or more alternative paths.					
	Iteration (looping)	A selection of code that can be repeated either a set number of times (count- controlled) or a variable number of times based on the evaluation of a Boolean expression (condition- controlled).					
	Variable	A value that can change depending on conditions or information passed to the program.					

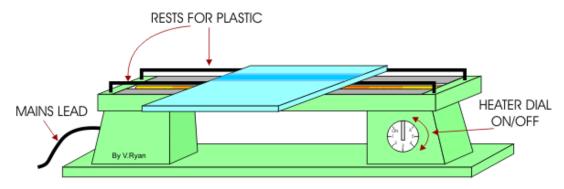
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Week 2 - The Line Bender

A line bender is a tool used to bend plastic sheets into various shapes. Here's a simple guide on how to use it:

- 1. **Prepare the Plastic Sheet**: Choose the plastic sheet you want to bend. Make sure it's clean and free of any debris.
- 2. **Heat the Line Bender**: Turn on the line bender and let it heat up. The heating element will soften the plastic along the line where you want to bend it.
- 3. **Mark the Bend Line**: Use a marker to draw a line on the plastic sheet where you want the bend to occur. This will help you position the sheet correctly on the line bender.
- 4. **Position the Plastic Sheet**: Place the plastic sheet on the line bender, aligning the marked line with the heating element. Ensure the sheet is flat and secure.
- 5. **Heat the Plastic:** Allow the plastic to heat up along the marked line. This usually takes a few minutes, depending on the thickness of the sheet.
- 6. **Bend the Plastic:** Once the plastic is soft, gently lift and bend it along the heated line. Use a straight edge or a jig to ensure a clean, straight bend.
- 7. **Cool the Plastic:** Hold the plastic in the desired shape until it cools and hardens. This will set the bend.

Using a line bender is a straightforward process that allows you to create precise bends in plastic sheets for various projects



Week 4

High Impact Polystyrene

High Impact Polystyrene, or HIPS, is a special type of plastic that is strong and tough. Imagine a plastic that can be used to make toys, food containers, and even parts of cars – that's HIPS!

HIPS is made by mixing two materials: polystyrene and rubber. Polystyrene is a kind of plastic that is hard and easy to shape, while rubber is flexible and strong. When these two are combined, they create a material that has the best qualities of both: it's strong like polystyrene and tough like rubber.

One of the coolest things about HIPS is its impact resistance. This means it doesn't break easily when you drop it or hit it. That's why it's used to make things like toy parts, which need to be durable because kids play with them a lot.

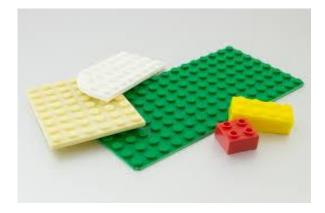
It's also used for food packaging, like yogurt cups, because it's safe and can protect the food inside.

HIPS is easy to mould into different shapes, which makes it perfect for making all sorts of products. It can be coloured easily, so you can find HIPS items in many different colours. This makes it great for things like signs and displays in stores.

Another great thing about HIPS is that it can be recycled. This means that after it's used, it can be melted down and made into new products. This helps reduce waste and is better for the environment.







English – Sparx Reader

You should log on to Sparx reader and spend 30 minutes reading your current book.

Reading Articles

You will have a reading article each week linking to the whole school theme for that week:

Week 1: Democracy

Week 2: Values

Week 3: Leadership – part 1

Week 4: Leadership – part 2

Week 5: Community

Read the article and highlight three words of which you were not sure. Then write the definition and draw an image which will help you remember.

As you read the articles, you will identify that the articles are not in UK English. However, the articles offer some great messages.

Use this QR code to access the reading articles read by a teacher:



Food

Energy is provided by the food and drinks we consume. Food and drinks contain <u>macronutrients</u> – <u>carbohydrate</u>, protein and fat which are broken down in the body to provide energy. At least 50% of our energy should come from **starchy** carbohydrates, 15% from protein and NO MORE than 35% from fat.

Our body needs energy from food to stay alive, be active, grow and keep warm.

Energy is measured in kilojoules or Kilocalories

1g carbohydrate (sugar and starch) = 4 kcals of energy

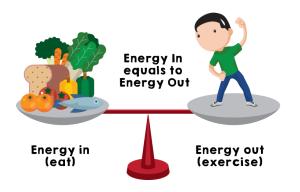
1g protein = 4 kcals of energy

1g fat = 9 Kcals of energy (energy dense)

Our energy requirement depends on the following:

- Physical activity level (PAL)
- Basal metabolic rate (BMR) the amount of energy (calories) needed to keep your body functioning at rest, also known as your metabolism
- Age
- Sex
- Body size

BUT the <u>average</u> <u>energy intake in the UK for young adults aged 11-14 years of</u> age per day is **2000** kilocalories for girls and **2220** kilocalories for boys.



Energy input (food)

Energy output (activity)

When <u>too little energy</u> is consumed over a period of time, the body uses fat stores which leads to **weight loss**. When too much weight is lost, the body will become underweight. People who are very underweight often have health problems including hair loss and developing dry patchy skin.

When <u>too much energy</u> is consumed or <u>not enough energy</u> is <u>used</u> by the body, energy is stored in the body as <u>fat</u> over a period. Having too much fat in the body leads to weight gain and may lead to obesity. Being overweight or obese is dangerous for our health and may lead to diseases such as coronary heart diseases, some cancers and diabetes type 2.

Why is energy needed? The human body converts the food it consumes into energy to function and stay alive. This energy supply enables the body to do a number of things vital to its survival, including; Maintaining the body's essential functions, enabling physical activity and movement and allowing for growth and repair of tissues.

Geography - 'What challenges and opportunities does Africa face?'

Week 2 - To know how the people in the Horn of Africa deal with the	Week 4 - To know how the people in the Horn of Africa deal with the
challenges they face	challenges they face
Fair Trade ensures that producers in low-income countries (LICs) receive	Ethiopia, known as the birthplace of coffee, primarily grows this crop on
better prices for their goods, such as cocoa, coffee, and cotton. A nomad is a	small family farms. However, the income from coffee farming is often
person who travels from place to place in search of fresh pasture for their	uncertain due to competition from other coffee producers. Djibouti, despite
animals and does not have a permanent home. There are at least 10 million	being mostly desert with few natural resources, benefits greatly from its
nomads in the Horn of Africa. Approximately half the population of Somalia	strategic location on the Red Sea. This advantageous position allows it to
are nomads. Piracy is where ships are attacked or robbed at sea. Living on	serve as a key port where 50% of the world's container ships pass through,
the coast of Somalia means people are at risk of piracy.	unloading cargo and refuelling.

History – The Black Death – How did the Black Death impact rural areas like Somerset?

Component	Core knowledge (that you NEED to know)	Key vocab (that you NEED to know and use)
Week 1 What was life like in Medieval England?	Peasant homes in the country were small, often just made up of one room. A peasant's hut was called a Cruck House was made of wattle and daub (mud, animal dung and straw) with a thatch roof but no windows. Inside the hut, a third of the area was penned off for the animals, which lived in the hut with the family. A fire burned in a hearth in the centre of the hut, so the air was permanently eye-wateringly smoky. Furniture was maybe a couple of stools, a trunk for bedding, and a few cooking pots. Medieval towns were often unhygienic because of the larger populations and the lack of proper sanitation. Modern toilets and plumbing were a long way in the future and waste and sewage was thrown into the streets. Animals such as pigs and sheep roamed and butchers often threw waste meat into the street or river. These unsanitary conditions contributed to the spread of diseases, such as the Black Death.	Black Death – A serious and terrible disease which spread through Europe causing death Cruck House – house made from mud, animal dung and straw (known as wattle and daub) Medieval Villages – Most people who lived in the Middle ages lived in villages and worked on the land. Medieval towns – Towns were dirty and overcrowded. Peasants – Poor farm workers Sewage – Waste leaving our bodies and dirty water

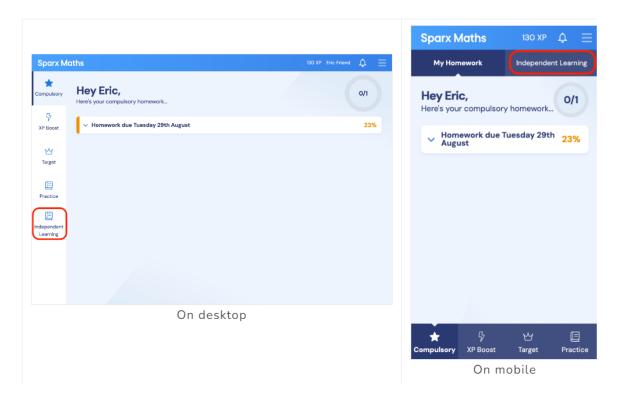
Week 3 Who can tell us most about Medieval peasants?	Archaeologists are people who study historical sites by digging up objects from the ground called artefacts. As well as objects, archaeologists have dug up thousands of skeletons, which belonged to medieval peasants. They discovered that many of the skeletons were those of children, and the bone-joints of adults were worn or deformed. This suggests that many children didn't live to adulthood and that medieval peasants did jobs, which required heavy manual labour. In addition, archaeologists have found other artefacts that tell us about the lives of medieval peasants, such as combs, sewing needles and scythes for cutting corn, as well as pieces of broken pottery.	Archaeologist – A person who studies the past by digging up objects from the ground. Artefact – Object made by people
Week 5 What was the Black Death and how was it caused?	The Black Death was a serious disease which was passed to humans from rats and fleas. The fleas lived on the rats and sucked their blood, which contained the plague's germs. When the rat died, the fleas jumped onto humans and passed on the deadly disease. The Black Death travelled along the trading routes. Merchants ships frequently had rats on board. The ones which got on in China and India, where it is thought the disease began, transferred the disease to the sailors on board who transferred it to people working at the docks where they landed. We know the Black Death reached Bristol in 1349 and quickly spread across Somerset, wiping out whole communities within weeks. The symptoms of the Black Death were painful buboes which appeared in the person's armpits, neck and groin. The affected person also suffered from vomiting, high temperature, bruising under the skin and muscle spasms. The symptoms normally lasted for five days and in most cases the victim died a painful death.	Black Death – A serious disease passed to humans from rats and fleas. Bubonic Plague – The most common form of the Black Death Buboes – A painful swelling filled with pus and blood. Symptoms – the conditions of the illness

Maths

On a Monday, your Maths task will be set by your teacher. You should log on to Sparx Maths to complete this task. Your practice book has an area for your workings which you need to use as during the homework, Sparx Maths undertakes a bookwork check.

On a Thursday you practice independently on an area where you have a gap in your knowledge.

When logged in to Sparx students will always be able to see the Independent Learning option on the main menu:



MFL - French

Present tense –er verb	ball sport	frequency phrase	where?	who with?
le joue I play Nous jouons We play	au golf golf au billard snooker au tennis tennis au ping-pong / tennis de table table-tennis au hockey sur glace ice-hockey à la pétanque boules	tous les jours all the days souvent often une fois par jour one time per day une fois par semaine one time per week parfois sometimes quelquefois sometimes	au centre-ville (at the town-centre) au centre sportif (at the sports centre) dans le parc (in the park) à la campagne (at the countryside) à la montagne (at the mountains) à la maison (at home)	avec mon frère with my brother avec mon (beau-) père with my (step-) dad avec ma soeur with my sister avec ma (belle-) mère with my (step-) mum
	aux cartes cards aux échecs chess		chez moi (at the house of me)chez mon ami (at the house of my friend)	avec mes amis/copains with my friends

le / la / les = the au / à la / aux = to the / at the

Qu'est-ce que tu fais pendant ton temps libre? What do you do in your free-time?

Quand il fait		du skate	au centre-ville	avec mon copain.
beau		(some skating)	(at the town-centre)	(with my male friend)
(When it is		du patin à glace		
nice)		(some ice-skating)	au parc	avec mon (beau-) père.
		du vélo	(at the park)	(with my (step-)dad)
Quand il fait		(some cycling)		
mauvais		du trampoline	au centre sportif	
(When it is		(some trampolining)	(at the sports centre)	
bad)				
		de la cuisine	à la campagne	avec ma copine.
Quand il fait		(some cooking)	(at the countryside)	(with my female friend)
chaud		(some cooking)	(at the country side)	avec ma (belle-) mère.
(when it is		de la natation	à la montagne	(with my (step-) mum)
hot)	je fais	(some swimming)	(at the mountains)	(with my (step) mann)
	I do	(some swiming)	(at the mountains)	
Quand il fait			à la maison	
froid	nous faisons		(at home)	
(when it is	We do		, ,	
cold)		de l'équitation	chez moi	avec mes copains /copines.
		(some horse-riding)	(at the house of me)	(with my friends)
Quand il			l	
pleut (when		de l'athlétisme	chez mon ami	avec mes parents.
it rains)		(some athletics)	(at the house of my friend)	(with my parents)
En hiver		des randonnées		
(in Winter)		(some hiking)		
		3,		
En été				
(in Summer)			1 1 1 1 1 1	
		le / la /	les = the au / à la / a	aux = to the / at the

Comment tu trouves le rugby? How do you find rugby?

Opinion structure	qualifier	adjective / idiom
	un peu (a bit)	intéressant (interesting)
	assez (quite)	relaxant (relaxing)
Je trouve que	très (very)	rapide (fast)
c'est (I find that it's)	vraiment (really)	marrant (funny)
		amusant (fun)
Je pense que c'est		ennuyeux (boring)
(I think that it's)		une perte de temps (a waste of time)
		ennuyeux à mourir (boring to death)

Qu'est-ce que tu aimes faire le weekend? (What do you like doing at the week-end?)

Qu'est-ce que tu aimes faire en hiver? (What do you like doing in winter?)

> Du / de la / de l' / des = some

Time phrase	Verb 1	Verb 2 - Infinitive	Detail	Conjunction / verb	Adjective
		bloguer (to blog)			
Quand il pleut When it rains	J'adore I love	faire (to do)	du judo (m) (jsome udo)		
Quand il fait beau When it is nice	J'aime beaucoup I really like		de la natation (f) (some swimming)		facile
Quand il fait froid	J'aime I like				(easy) rapide
When it is cold En hiver in winter	J'aime assez I quite like		des randonnés (pl) (some hiking)	car c'est because it's	(fast) marrant (funny)
En éte in summer	Je n'aime pas I don't like				amusant (fun)
Le week-end the weekend	Je déteste I hate				intéressant (interesting)
Le week-end prochain Weekend next	Je vais I am going to	jouer (to play)	au volley (m) (volleyball)		ennuyeux (boring)
Demain tomorrow	Je voudrais I would like to		à la pétanque (f) (boules)		
Un jour One day			aux échecs (pl) (chess)	-	

Qu'est-ce que tu fais normalement le week-end? What do you do normally at the weekend?	Le week- end At the weekend Le Samedi On Saturday	je joue I play / I am playing je fais I do / I am doing	au rugby au tennis à la pétanque aux échecs du ski de la natation des randonnées	au centre-ville (at the town-centre)au parc (at the park)au centre sportif (at the sports centre)	avec mon copain. (with my male friend) avec mon (beau-) père. (with my (step-)dad)
Qu'est-ce que tu vas faire le week-end prochain? What are you going to do next week- end?	Le week- end prochain Next weekend	je vais jouer I am going to play		à la campagne (at the countryside)à la montagne (at the mountains)à la maison (at home)	avec ma copine. (with my female friend) avec ma (belle-) mère. (with my (step-) mum)
Il y a un sport que tu voudrais essayer un jour? Is there a sport that you would like to try one day?	Demain tomorrow	je vais faire I am going to do je voudrais jouer		chez moi (at my house)chez mon ami (at my friend's house)	avec mes copains /copines. (with my friends) avec mes parents. (with my parents)
	One day	je voudrais faire I would like to do			

MFL – German

subject and verb	place	person + verb	location
Ich wohne in I live in I ch komme aus I come from Mein Vater/ Meine Mutter wohnt in My mum/dad lives in	England England Ireland Ireland Schottland Scotland Deutschland Germany Griechenland Greece Spanien Spain Italien Italy Frankreich France Österreich Austria die Schweiz (in der Schweiz) Switzerland Berlin Oestreich Köln Cologne	Es liegt It is situated	im Norden von [Deutschland] in the north of [Germany] im Süden von [Deutschland] in the south of [Germany] im Westen von [Deutschland] in the west of [Germany] im Osten von [Deutschland] in the east of [Germany]

subject and verb	noun	connective	noun
Es gibt There is	einen Bahnhof a station einen Marktplatz a market square einen Park a park einen Wasserpark a waterpark einen Radweg a cycle path eine Kirche a church eine Imbissstube a snack bar eine Kegelbahn a bowling alley eine Eisbahn a skating rink eine Kunstgalerie an art gallery ein Kino a cinema ein Schwimmbad a swimming pool ein Schloss a castle ein Stadtzentrum a town centre ein Theater a theatre	und and aber but	keinen Bahnhof no station keinen Marktplatz no market square keinen Park no park keinen Wasserpark no waterpark keinen Radweg no cycle path keine Kirche no church keine Imbissstube no snack bar keine Kegelbahn no bowling alley keine Eisbahn no skating rink keine Kunstgalerie no art gallery kein Kino no cinema kein Schwimmbad no swimming pool kein Schloss no castle kein Stadtzentrum no town centre kein Theater no theatre

subject and verb	indefinite article	adjective	noun
Es gibt There is	einen = a keinen =no	altmodischen interessanten großen kleinen praktischen historischen schönen sauberen	Bahnhof station Marktplatz market square Park sauterne Wasserpark waterpark Radweg cycle path
	eine = a keine = no	altmodische interessante große kleine praktische historische schöne saubere	Kirche church Imbissstube snack bar Kegelbahn bowling alley Eisbahn skating rink Kunstgalerie art gallery
	ein = a kein = no	altmodisches interessantes großes kleines praktisches historisches schönes sauberes	Kino cinema Schwimmbad swimming pool Schloss castle Stadtzentrum town centre Theater theatre

Imperfect tense (past)	noun	Connective	Imperfect tense (past)	Adjective
Es gab There was Es hatte It had	einen Bahnhof a station einen Marktplatz a market square einen Strand a beach einen Wasserpark a waterpark einen Radweg a cycle path einen Olympiapark an Olympic park	und and aber but	Es war It was Die Stadt war The town was	alt old modern harbor historisch historic touristisch touristic klein small groß big
Die Stadt hatte The town had	einen Hafen a harbour eine Kirche a church eine Imbissstube a snack bar eine Kegelbahn a bowling alley eine Eisbahn a skating rink eine Kunstgalerie an art gallery			schön beautiful laut noisy / loud ruhig quiet industriell industrial
	ein Kino a cinema ein Schwimmbad a swimming pool ein Schloss a castle ein Stadtzentrum a town centre ein Theater a theatre ein Einkaufszentrum a shopping centre ein Stadion a stadium			

Conditional	noun	Connective	Conditional	Adjective
Es gäbe	einen Bahnhof a station	und	Es wäre	alt old
There would	einen Marktplatz a market square	and	It would be	modern modern
be	einen Strand a beach			historisch historic
	einen Wasserpark a waterpark	aber	Die Stadt	touristisch touristic
Es hätte	einen Radweg a cycle path	but	wäre	klein small
It would	einen Olympiapark an Olympic park		The town	groß big
have	einen Hafen a harbour		would be	schön beautiful
	eine Kirche a church			laut noisy / loud
Die Stadt	eine Imbissstube a snack bar			ruhig quiet
hätte	eine Kegelbahn a bowling alley			industriell industrial
The town	eine Eisbahn a skating rink			
would have	eine Kunstgalerie an art gallery			
	ein Kino a cinema			
	ein Schwimmbad a swimming pool			
	ein Schloss a castle			
	ein Stadtzentrum a town centre			
	ein Theater a theatre			
	ein Einkaufszentrum a shopping centre			
	ein Stadion a stadium			

Imperfect tense	place
Ich war in	England England
I was in	Ireland Ireland
Tala washinda Sa	Schottland Scotland
Ich wohnte in I lived in	Deutschland Germany
Tived III	Griechenland Greece
	Spanien Spain
Mein Vater/	Italien Italy
Meine Mutter war in	Frankreich France
My mum/dad was in	Österreich Austria
Meine Eltern waren in	die Schweiz (in der Schweiz)
My parents were in	Switzerland
	Berlin Berlin
	Köln Cologne

MFL – Mandarin

Was wirst du in de	en Sommerferien machen? What will y	ou do	in the summer holidays?
Ich werde will Du wirst you will Er wird He will	segeln sail klettern climb an den Strand gehen go to the beach wandern hike im See baden bathe in the lake tauchen dive windsurfen windsurf rodeln toboggan im Meer schwimmen swim in the sea		Souvenirs kaufen buy souvenirs nach Interlaken fahren travel to Interlaken zwei Wochen bleiben stay for two weeks ein Picknick machen have a picnic das Schloss besuchen
you will (plural) Sie werden they will Man kann			visit the castle meine Oma besuchen visit my grandma Tennis spielen play tennis
You can			

Was möchte What would yo			
Ich möchte	einmal a portion of zweimal two portions of dreimal three portions of	Bratwurst fried sausage Hamburger hamburgers Pizza pizza Salat salad Pommes chips	bitte please
I'd like Ich hätte gern I'd like	eine a/one	Eis ice-cream Mineralwasser mineral water Cola coke Tasse Tee cup of tea	•

MFL - Mandarin

我<u>星期一</u>上网。 I surf the internet <u>on Mondays</u>.

[5.1	
Who	Days of the week	Sports/hobbies
我 I	zing qi yi 星期一 Mono	day 踢足球
你 you	zing qi èr 星期二 Tueso	Play football
她 she	zing qi sān 星期三 wednes	I
tā	zing qi sì 星期四 Thurso	Play basketball day dă ping pāng qiú 打乒乓球
他 he	zing qī wǔ 星期五 Frida	打乒乓球 Play table tennis
爸爸 Dad	zing qi liù 星期六 Saturo	dǎ wǎng qiú 打网球
妈妈 Mum	xing qi rì 星期日 Sund	Play tennis
9 ^g 의 Older brother	zing qi tiàn 星期天 Sund	poo bù 跑步
jiě jiě 姐姐 Older sister		run yóu yŏng
^d 弟 Younger brother		好冰 Swim
mèi mèi		wán ér huá bǎn 玩儿滑板
妹妹 Younger sister		To skateboard

我<u>昨天</u>竭了足球。 I played football <u>vesterday</u>.

Who	Past time	Sports/hobbies
戦 I	昨天 yesterday	踢了足球
你 you 她 she	shòng gè xing qi yi 上个星期一 last Monday	Played football 打了篮球 Played basketball
他 he	,	打了乒乓球
爸爸 Dad	上个星期二 Last Tuesday	Played table tennis 打了网球
妈妈 Mum		Played tennis
gê gê 哥哥	shòng gê xing qi 上个星期	跑了步
Older brother	Last week	ran
jiē jiē 姐姐	shàng zhôu	yóu le yǒng 游了泳
Older sister	上周	Swam
· · · · · · · · · · · · · · · · · · ·	Last week	wán ér le huá bǎn 玩儿了滑板
Younger brother mèi mèi 妹妹		skateboarded
Younger sister		

我明天<mark>要</mark>竭足球。 I will play football tomorrow.

sad.	f	Future tense indicator	Constant to the second
Who	future time	ruture tense indicator	Sports/hobbies
戦 I	明天		踢足球
你 you	tomorrow	竣 will	Play football 竹篮球
她 she	下个星期一 next Monday		Play basketball
他 he			打乒乓球 Play table
爸爸 Dad	xià gè xing qi èr 下个星期二		tennis dă wăng qiú
^{mā mā} 妈妈 Mum	next Tuesday		打网球
gē gē 哥哥	xià gè xing qi 下个星期		Play tennis
Older brother jiě jiě	next week		run
姐姐			yóu yǒng 游泳
Older sister	下周		Swim wán ér huá bǎn
 	next week		玩儿滑板
mèi mèi 妹妹			skateboard
Younger sister			

我<mark>和爸爸一起</mark>踢足球。 I with <u>dad</u> together <u>play football</u>.

WHO	with	WHO	together	Activities
我		péng yǒu 朋友		shàng wǎng 上网。
péng yǒu 朋友	hé	HR HR		dā pīng pāng qiú 打乒乓球。
HH HH	和	他		打乒乓球。
他		她	yī qĭ	nd wang qiú 打网球。
她	gēn	爸爸	yi 一起	kàn diàn shì 毛 上 二回
爸爸	跟	⁹⁶		看电视。
哥哥		弟弟		ting yin yuè 听音乐。
弟弟		妈妈		kàn diàn yǐng エ し ヨノ
妈妈		姐姐		看电影。
姐姐		mèi mèi 妹妹		踢足球。
mei mei 妹妹				

Q:你和谁一起踢足球?

A:我和<u>朋友</u>一起<u>踢足球</u>。

MFL - Spanish

VERB	NOUN	VERB	NOUN	VERB		NOUN	NOUN
						un - 1	año = year
	un caballo = a horse un conejo = a rabbit					dos = 2	
/o tengo = <i>l have</i>	un gato = a cat		Cervantes			tres = 3	
En casa yo tengo	un hamster = a hamster		Darwin			cuatro = 4	
= At home I have	un loro = a parrot		Rocky			seis = 6	
	un pájaro = a bird		Currito		él tiene	siete = 7 ocho = 8	
	un perro - a dog	que se llama =		v	= he has	nueve = 9 diez = 10	
Mi amigo tiene = My friend has	un pez = a fish	that's called		= and	ella tiene	once = 11	años = years
Mi primo tiene	un ratón = a mouse		Luz		= she has	doce = 12 trece = 13	
= My cousin has Mi madrastra tiene			Chispita			catorce = 14	
oil madrastra tiene - My step-mum has	una araña = a spider una cobaya = a quinea pig		Afortunada			quince = 15 dieciséis = 16	
Mi abuelo tiene =My grandfather has	una rata = a rat					diecisiete = 17	
, g. anajatnor nas	una serpiente = a snake	No tengo	mascotas = I don	't have pets		dieciocho = 18 diecinueve = 19	
		ito tengo		- nave pers		veinte = 20	

Y7 HT5	SB2		Cómo es tu mascota? W	hat is you	pet look like?							
POSSESSIVE	NOUN	VERB	ADJECTIVE	CONN'	INTENSIFIER	ADJECTIVE (Build)	CONN'	ADJECTIVE (Character)				
Mi = <u>my</u>	caballo = horse conejo = rabbit gato = cat hamster = hamster loro = parrot pájaro = bird		amarillo = yellow blanco = white morado = purple negro = black rojo = red azul = blue rosa = pink	un poco = a bit bastante = quite muy = very	bonito = handsome delgado = slim feo = ugly gordo = fat grande = big	también = also	inteligente = intelligent paciente = patient					
Su	perro - dog pez = fish ratón = mouse	es = is	marrón = brown naranja = orange verde = green	y = and	'				extremadamente = extremely demasiado = too	guapa = pretty musculosa = muscular pequeña =small		aburrida = boring antipática = mean perezosa = lazy terca = stubborn tonta = silly
= His / Her	araña = spider cobaya = guinea pig rata = rat serpiente = snake tortuga = tortoise		amarilla = yellow blanca = white morada = purple negra = black roja = red		tiene = it has	el pelo = the hai	r	corto = short largo = long rapado = very short liso = straight ondulado = wavy rizado = curly				

Y7 HT5 SB3	¿Qué mascota	te gustaría tener en el futu	ı ro? What pet v	vould you like to have in ti	ne future?	
TIME PHRASE	VERB	NOUN	CONN'	OPINION VERB	VERB	ADJECTIVE
	me gustaría tener = I would like <mark>to</mark> have	un burro = a donkey un cerdo = a pig un pato = a duck				aburrido = boring divertido = fun
Cuando sea mayor	no me gustaría tener 'm older	un pollo = a chick		creo que = I believe that		egoísta = selfish
= When I'm older		un delfín = a dolphin				emocionante = exciting
		un elefante = an elephant un león = a lion		diría que = I would say that	sería	entretenido = entertaining
prefe		un mono = a monkey	porque = because		= it would be	estresante = stressful
	preferiría tener = I would prefer to have	un pingüino = a penguin un tigre = a tiger		en mi opinión		gracioso = funny
= In the future	i Would projet to have	una abeja = a bee		= in my opinión		guay = cool
	odiaría tener = I would hate to have	una gallina = a chicken				loco = crazy
una nutria una oveja :		una nutria = an otter una oveja = a sheep		pienso que = I think that		peligroso = dangerous
	una vaca = a cow				tonto = silly	

Y7 HT5 SB4	¿Qué te g	usta ha	cer con	tu masco	ta? What do y	ou like doi	ng with your pet?	
OPINION PHRASE	VERB-ACTIVITY			CONN	VERB- OPINION	VERB	INTENS'	ADJECTIVE
M e encanta = / love	bailar = to dance cantar = to sing				pienso que		un poco = a bit	activo = active emocionante = exciting entretenido = entertaining
Me flipa = <i>l'm crazy about</i>	correr = to run escuchar música				= I think that			guay = cool importante = important
Me gusta	= to listen to music				creo que		bastante = quite	interesante = interesting práctico = practical
= I like	ir a la piscina = to go swimming	con			= I believe that	es = it is		relajante = relaxing sano = healthy
Me gusta mucho = I really like	ir al parque = to go to the park	mi = with		porque = because			muy = very	útil = useful
Prefiero = / prefer	ir a la playa = to go to the	<u>my</u>			en mi opinión = in my	no es = it is not		aburrido = boring
·	beach				opinión		extremadamente = extremely	complicado = complicated difícil = difficult
No me gusta = I don't like	to play with the ball				diría que = I would sav			estresante = stressful estúpido = stupid
	sacar fotos = to take photos				that		demasiado = too	inútil = useless
Odio = I hate	ver la televisión = to watch TV							malsano = unhealthy peligroso = dangerous

Music

What Makes a Good Song?

Exploring Popular Songs and Musical Arrangements



A. Popular Song Structure

SONG STRUCTURE – How a song is made up of or divided into different sections (see below) and the order in which these sections occur. To work out the structure of a song, it's helpful to analyse the **LYRICS** <u>and</u> listen to a recording for the song (for instrumental sections).

INTRO – often shortened to 'intro', the first section of a song which sets the mood of the song and is sometimes, but not always, an instrumental section using the song's chord pattern.

VERSES – songs normally have several verses. Verses introduce the song's theme and have the same melody but different lyrics for each verse which helps develop the song's narrative and story. Songs made up entirely of verses are called STROPHIC.

LINK — a optional short section often used to join different parts of a song together, often instrumental, and sometimes joins verses together or appears at other points within a song.

PRE-CHORUS – an optional section of music that occurs before the **CHORUS** which helps the music move forward and "prepare" for what is to come.

CHORUS – occurs several times within a song and contains the most memorable HOOK/RIFF. The chorus relays the message of the song and is repeated with the same melody and lyrics each time it is heard. In popular songs, the chorus is often repeated several times towards the end of the song.

MIDDLE 8/BRIDGE – a section (often 8 bars in length) that provides contrasting musical material often featuring an instrumental or vocal solo using new musical material allowing the performer to display their technical skill on their instrument or voice.

CODA/OUTRO – The final section of a popular song which brings it to an end (Coda is Italian for "tail"!)

B. Key Words

LYRICS – The words of a song, usually consisting of VERSES and a CHORUS.

HOOK – A 'musical hook' is usually the 'catchy bit' of the song that you will remember. It is often short and used and repeated in different places throughout the piece. Hooks can be either MELODIC, RHYTHMIC Or VERBAL/LYRICAL.

RIFF – A repeated musical pattern often used in the introduction and instrumental breaks in a song or piece of music. Riffs can be rhythmic, melodic or lyrical, short and repeated.

MELODY – The main tune of the song often sung by the LEAD SINGER.

COUNTER-MELODY – An 'extra' melody often performed 'on top of' the main melody that 'fits' with it a DECANT OF INSTRUMENTAL SOLD. TEXTURE – The layers that make up a song e.g., Melody, Counter-Melody, Hooks/Riffs, Chords, Accompaniment, Boss Line.

C. Lead Sheet Notation and Arrangements

A LEAD SHEET is a form of musical NOTATION that contains only the essential elements of a popular song such as the MELODY, LYRICS, RIFFS, CHORDS (often as guitar chord symbols) and BASS LINE; it is not as developed as a FULL SCORE ARRANGEMENT and is open to interpretation by



performers who need to use and adapt the given elements to create their own musical ARRANGEMENT: their "version" of an existing song.

COVER (VERSION) - A new performance, remake or recording by someone other.

COVER (VERSION) – A new performance, remake or recording by someone other than the original artist or composer of the song.

D. Conjunct and Disjunct Melodic Motion

CONJUNCT MELODIC MOTION – Melodies which move mainly by step or use notes which are next to or close to one another. DISJUNCT MELODIC MOTION – Melodies which move mainly by leap or use notes which are not next to or close to one another.

MELODIC RANGE – The distance between the lowest and highest pitched notes in a melody.



E. Song Timbre and Sonority (Instruments that are used to Accompany Songs)



Pop Bands often feature a DRUM KIT and PERCUSSION to provide the rhythm along with ELECTRIC GUITARS (LEAD GUITAR, RHYTHM GUITAR and BASS GUITAR) and KEYBOARDS. Sometimes ACOUSTIC INSTRUMENTS are used such as



the PIANO or ACOUSTIC GUITAR. ORCHESTRAL INSTRUMENTS are often found in pop songs such as the STRINGS, SAXOPHONE, TROMBONE and TRUMPET. Singers are essential to a pop song - LEAD SINGER — Often the "frontline" member of the band (most famous) who sings most of the melody line to the song. BACKING SINGERS support the lead singer providing HARMONY or a COUNTER-MELODY (a melody that is often higher in pitch and different, but still

'fits with' the main melody) and do not sing all the time but just at certain points within a pop song e.g. in the chorus.

DR SMITH: BUILDING ON WHAT YOU ALREADY KNOW

Dynamics - volume

Rhythm - how long notes last and how they are grouped together in a pattern

Structure - the different sections in a piece of music (AB, ABA, verse/chorus)

Melody - the tune or most important layer in a piece of music. In pop songs the singer has the melody.

Metre is the time signature, always put at the beginning of a piece of music. It tells us how many beats are in a bar.

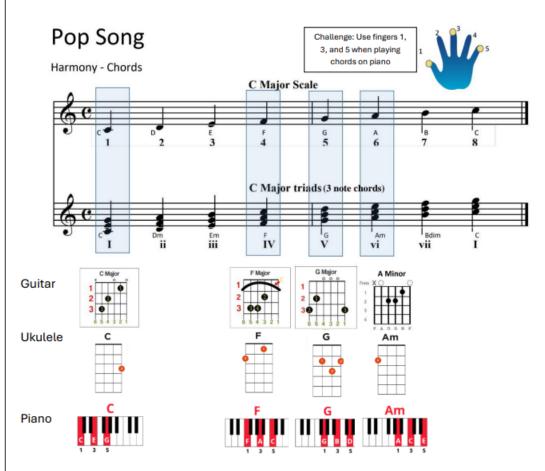
Instrumentation - what instruments are used

Articulation - the way you play your instrument staccato - detached and spikey, legato - playing
smoothly.

Texture - the different layers happening within a piece.
-Monophonic - a single unaccompanied line of music, one layer. -Homophonic - multiple layers of music but everything moves in chunks, the same rhythm. - Polyphonic - multiple layers of music doing different things. Tempo – speed. Tonality - what key is the piece in -Major gives a happy feel -Minor makes the

Harmony – more than one note at the same time

music seem sadder.





TERM 5



Child on child abuse

Which of the following are part of

child on child abuse?

Two are not correct

Physical abuse

Sexual abuse

Parental abuse

Emotional abuse

Financial abuse

Online abuse

Coercive control

British Values

- Democracy
- Rule of law
- Celebration of other faiths and beliefs
- Individual Liberty

Protection of your rights and the right of others you work with.

Examples

- •Equality and Human Rights
- Personal Development
- •Respect and Dignity
- Rights, choice, consent and individuality
- Values and principles

Religion and Worldviews - What did the Buddha teach about suffering?

Week 1 - Who was the Buddha? The Story of Siddhartha

Once upon a time, in a beautiful kingdom called Kapilavastu, there was a prince named Siddhartha. He lived in a grand palace with his father, King Suddhodana, and his mother, Queen Maya. Siddhartha had everything he could ever want – delicious food, fine clothes, and lots of toys. He was surrounded by music, dancing, and laughter. But even with all this luxury, Siddhartha felt that something was missing.

One day, when Siddhartha was a young man, he decided to leave the palace and see the world outside. He went on a journey and saw four things that changed his life forever. These are known as the **Four Sights**. First, he saw an old man, bent with age. Then, he saw a sick person, suffering from illness. Next, he saw a dead body, reminding him that life is not forever. Finally, he saw a monk who had given up everything to find peace.

These sights made Siddhartha think deeply about life. He realised that no matter how rich or powerful someone is, everyone experiences aging, sickness, and death. He wanted to find a way to end this suffering, not just for himself, but for everyone. Siddhartha decided to leave his life of luxury and become an **ascetic**. This means he gave up all his possessions and lived a very simple life. He wandered through forests, meditated, and ate very little. He hoped that by doing this, he would find the answers he was looking for. But after many years, he still hadn't found the peace he sought.

One day, Siddhartha remembered a time when he was a child, sitting under a tree and feeling calm and happy. He realised that neither extreme luxury nor extreme hardship had brought him peace. He decided to follow a new path, which he called the **Middle Way**. This path was about finding balance – not too much, not too little. Siddhartha sat under a Bodhi tree and meditated deeply. He vowed not to get up until he found the truth. After many days and nights, he finally understood the nature of suffering and how to overcome it. He reached **enlightenment** and became the Buddha, which means "the Awakened One."

The Buddha spent the rest of his life teaching others about the Middle Way and how to find peace and happiness. His teachings are still followed by millions of people around the world today.

Week 3 - What are the three refuges and how do they help Buddhists?

In Buddhism, people take refuge in three things to help them find peace and happiness. These are called the **Three Refuges** or the **Three Jewels**. They are:

- 1. The Buddha: This means taking refuge in the Buddha, who showed the way to enlightenment.
- 2. **The Dharma**: This means taking refuge in the Buddha's teachings, which guide people on how to live a good life
- 3. **The Sangha**: This means taking refuge in the community of people who follow the Buddha's teachings and support each other.

The Three Refuges are like a raft that helps people cross a river. Imagine you are on one side of a river, and you want to get to the other side where it's peaceful and safe. The river is full of strong currents and dangers, representing the difficulties and suffering in life. The raft, made of the Buddha, the Dharma, and the Sangha, helps you cross the river safely. Once you reach the other side, you don't need the raft anymore, but it was essential to help you get there.

One day, after Siddhartha had become the Buddha, he was walking through a village. He saw a farmer working hard in the fields. The farmer looked tired and unhappy. The Buddha approached the farmer and asked, "Why do you look so sad?" The farmer replied, "I work all day in the hot sun, but no matter how hard I work, I still struggle to feed my family. I worry about the future and feel like I can never find peace."

The Buddha listened carefully and then told the farmer a story. "Once, there was a man who was shot by an arrow. He was in great pain and suffering. Instead of pulling out the arrow, he started asking questions like, 'Who shot this arrow? What kind of wood is it made from? What kind of feathers are these?' But these questions didn't help him. What he needed to do was remove the arrow to stop the pain."

The Buddha explained, "In the same way, we often focus on things that don't help us. We worry about the past and the future, but what we need to do is understand our suffering and find a way to overcome it. By following the Three Refuges – the Buddha, the Dharma, and the Sangha – we can find the path to peace and happiness."

The farmer thanked the Buddha and decided to follow his teachings. Over time, he found that his worries lessened, and he felt more at peace.

Week 5 - How can gaining enlightenment help us understand suffering?

Imagine feeling completely peaceful and happy all the time. If you are a Buddhist and become enlightened, it might feel like you have no more worries or fears. You understand the world in a special way, and you feel connected to everything around you. It's like having a calm and clear mind, no matter what happens. When the Buddha became enlightened, he understood the truth about life and suffering. He realized that all living beings experience suffering, but there is a way to end it. He discovered the **Four Noble Truths**:

- 1. **The Truth of Suffering**: Everyone experiences suffering in life.
- 2. **The Truth of the Cause of Suffering**: Suffering is caused by our desires and attachments.
- 3. The Truth of the End of Suffering: It's possible to end suffering.
- 4. The Truth of the Path to End Suffering: By following the Eightfold Path, we can end suffering and find peace.

The lotus flower is a beautiful symbol in Buddhism. It grows in muddy water, but it rises above the mud to bloom in the sunlight. This is like enlightenment. Even though we might experience difficulties and suffering (the mud), we can rise above them and find peace and happiness (the blooming flower). The lotus flower reminds us that we can overcome challenges and become enlightened.

Experiencing suffering is important because it helps us understand what causes it and how to overcome it. Just like the Buddha saw the Four Sights and realised that everyone suffers, we also need to recognize our own suffering. By understanding our struggles, we can learn to let go of our desires and attachments and follow the path to enlightenment. Suffering teaches us valuable lessons and helps us grow stronger and wiser.

Male structure names and function to include:

- Penis
- Testis
- Sperm duct
- Scrotum
- Urethra

Male reproductive structure	Description of structure	Function	
Testes	oval organs in the scrotum	produce sperm and the male sex hormones	
Scrotum	bag of skin containing the testes	keeps the temperature of the testes slightly lower than the rest of the body	
Glands	small structures near the urethra	add fluid to the sperm to keep them alive	
Sperm duct	muscular ducts about 30 cm long	carry sperm from the testes to the penis	
Urethra	tube in penis	carries urine or sperm out through the penis	
Penis	sex organ, cylindrical in shape	inserts sperm into the female	

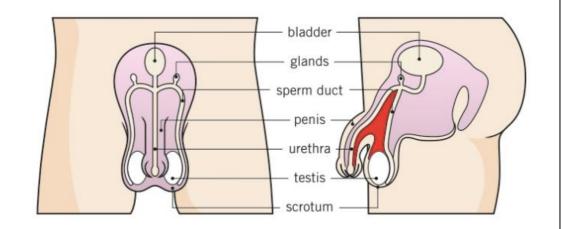
Biology

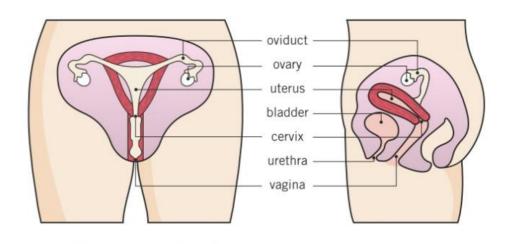
Week 1 - Reproductive organs

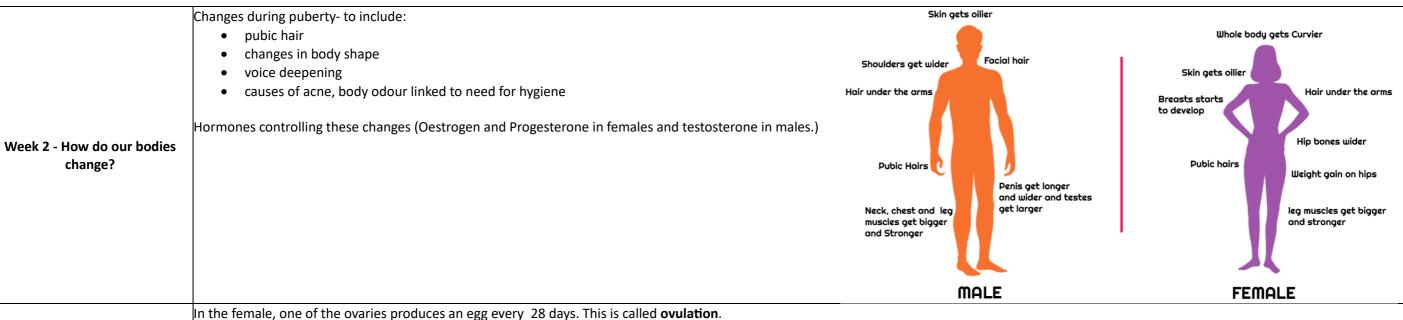
Female structure names and function

- Uterus
- Ovaries
- Vagina
- Cervix
- Oviduct

Female reproductive structure	Description of structure	Function	
Ovaries	pair of small, oval-shaped glands, either side of the uterus	store and release eggs	
Oviduct	tube connecting ovary and the uterus	carries the egg to the uterus	
Uterus	hollow, pear-shaped organ, with a thick lining	where a fetus/baby develops until birth	
Cervix	ring of muscle at the entrance to the uterus	keeps the fetus/baby in place	
Vagina	muscular canal ending at the cervix	receives the sperm during sexual intercourse	
Urethra	tube from bladder	carries urine out of the body	







During sexual intercourse millions of sperm are ejaculated into the vagina during sexual intercourse.

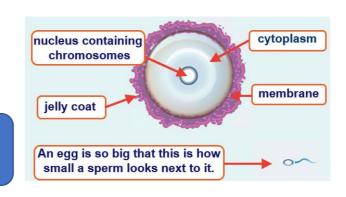
If a sperm meets the egg, the sperm's nucleus can join with the egg's nucleus.

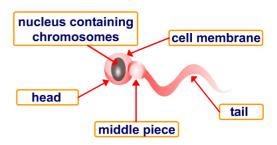
This fusing of the nuclei is called **fertilisation**.

Fertilisation-

- Haploid gametes (sperm and egg) fuse to form a diploid zygote
- The acrosome in the sperm breaks down jelly coat/ membrane in the egg.
- Eggs coat hardens to prevent double fertilisation.
- Zygote starts to divide to form an embryo.

Haploid cells – contain half the number of normal chromosomes **Diploid** cells - contain the full number of chromosomes.





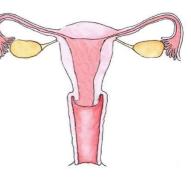
Week 3 - What is fertilisation? The menstrual cycle:

An important part of puberty for girls is the beginning of their monthly cycle. This is known as the menstrual cycle.

The menstrual cycle involves the preparation of the uterus lining so that it is able to receive a fertilised egg. If an egg is fertilised, it can implant itself in the prepared uterus lining.

If it is not fertilised, the lining of the uterus breaks down and is lost from the body. This is called **menstruation** or a period.

- Day 1-7 Uterus wall breaks down, the woman bleeds, this is a period.
- Day 7-13 Around day 7 the blood flow stops. Uterus wall builds up again. An egg matures in the ovaries
- Day 14 On the 14th day, the egg is released from the ovary (ovulation)
- Day 14-17 Egg travels down the oviduct, It can last for around 3 days. If it meets a sperm in the duct, it becomes fertilised
- Day 18-28 If the egg is not fertilised, the uterus wall breaks down and the cycle starts again.



Plants can reproduce with either **sexual** or **asexual** reproduction

- ASEXUAL REPRODUCTION means that the organism makes an exact copy of itself (a clone)
- FLOWERING PLANTS reproduce sexually. Sex cells (gametes) fuse together (fertilisation)

Flower structure to include the:

- Stigma and stamen
- Stamen
- Ovary
- Anther and filament
- Petals and sepals

Pollination is the transfer of pollen from anthers to stigmas.

This must occur before a male sex cell can fuse with a female sex cell. Methods of pollination:

- Bees/ insects
- Wind/ water
- Artificial

Fertilisation

- Once pollen has landed on the stigma.
- The male gamete travels down the style towards the ovary
- The gametes fuse in the ovary fertilisation!

Week 4 - How do plants reproduce?

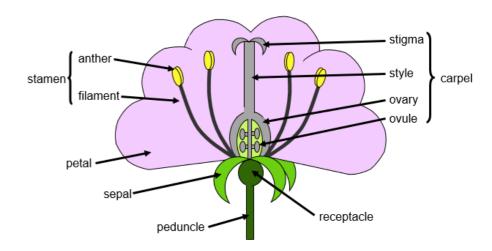
Seed formation

After fertilisation the fertilised ovule divides into many cells to form a seed.

The seed develops a thick tough outer coat for protection.

Seeds can be dispersed by:

- Wind
- Animals
- Water
- Self-dispersal



Structure	Function
Petals	Large, brightly coloured to attract insects (small, green or brown if plant is wind pollinated)
Sepals	Small, green, leaf-like structures to protect flower in bud
Stamens	Male parts of the flower
Anther	Produces lots of small pollen grains – contain male gametes
Filament	Attaches the anther to the flower
Carpel	Female part of the flower
Stigma	Where pollen lands during pollination
Style	Transports the male sex cell to the ovary
Ovary	Produces small number of large ovules - female gametes Ovary often forms the fruit once ovules are fertilised.

Dispersal of seeds

Method	Description of seeds
Wind Dispersal	Light – blown and spread by the wind
Animal dispersal	Either eaten by animals and egested in droppings Or have hooks to cling to fur of animals
Water dispersal	Contain air spaces to help them float
Self-dispersal	Fruit walls of plants simply dry out and burst. Split ovary scatters seeds explosively.

