



Name & Tutor Group: _____

Learning Group: _____



Students remember more if they...

GREAT REVISION IS			
8	Pair it	Have you created a set of questions and answers that someone else can test you on? Paired retrieval questions can extend learning.	
BOOMER	Look, Cover, Write, Check it	Have you read the notes, covered them up, and written down everything you can remember? Add the information not recalled in red pen.	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Mind map it	Have you sorted the important information into chunks? Add colours, images, and make connections between the information.	
	Judge it	Have you completed a <i>but</i> sentence showing why someone might not agree with an idea? Or can you give a non-example?	



Students remember more if they...

GREAT REVISION IS		
	Draw it	Have you turned the information into a picture, image, or diagram? Dual coding is a powerful way to get information to stick.
	Flash card it	Have you shrunk the information down to the most essential parts? Have a key word on one side and the definition on the back of the card. You can sort cards, rank cards or get someone to quiz you.
<u> </u>	Map it	Have you created a diagram or hierarchy to help you link the concepts and judge the most important to least important.
	Test it	Have you completed a self-quiz, where you have key words or questions and have to respond to the answer or give the definition.



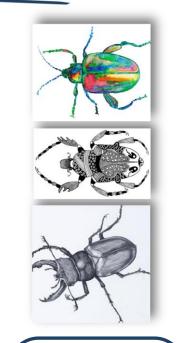
Brief overview of project

In this project, you will explore the theme of insects. You will work in an A4 sketchbook. At first, you will begin with an assessed tonal drawing. Learn how to draw using proportion, practise and learn Zentangle pattern making, and explore further mark making, using various pencils, fine liner and paint. Next you will have a brief introduction to colour theory. You will use the work of other artists to inspire your own painting composition, applying your knowledge of colour theory.

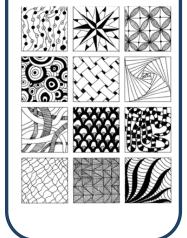
You will go on to produce a collaborative piece of work either with clay; inspired by Japanese Netsuke, or with paint or mixed media.

This year we will study:

- Drawing how to use tone effectively
- Zen doodle patterns, to create effective designs
- How to mix and apply watercolour
- Different cultures such as Japanese Netsuke, West African Adinkra and Mexican Day of Dead
- How to use a sketchbook to present your work





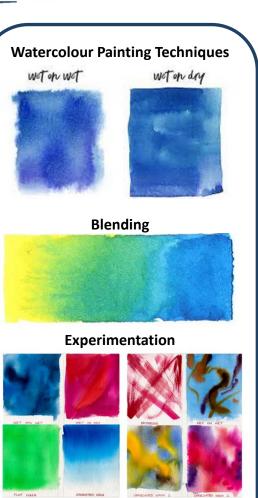


Insects



Japanese Netsuke





Oil Pastels







Fireworks

Performance During this topic you will be taught a set motif (phrase of dance) in the style of contemporary dance. This has been inspired by the stimulus fireworks. You will work in small groups to develop the motif (phrase of movement).



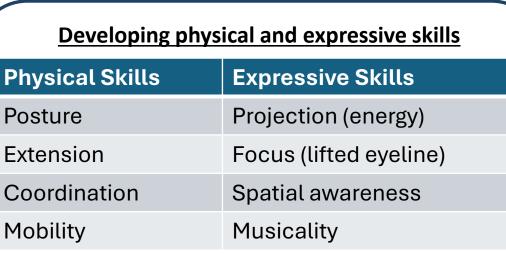
Developing a motif in dance

Change the formation Change the direction of actions Change of dynamic, adding contrast of speed and force

Adding in a moment of repetition Adding in a change of levels

	Kowwarda	
	<u>Key words</u>	
	Group dance	
	Motif	
~	Motif development	
Į.	Movement memory	
	Recall	
	Technique	
	Clarity (finishing dance act	ions)
	Action	
	Dynamics	
	Space	
	Musicality	
	Commitment	

Confidence





Year 7 Design Technology

Food (Healthy Eating)

Key Practical Skills

Chopping and knife skills - fruit salad and pasta salad

Rubbing in method - scones and fruit crumble

Creaming method - fruit muffins and pineapple upside down cake

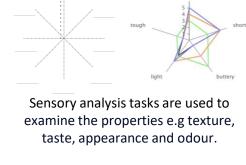
Melting method - flapjack

A combination of <u>some</u> of the above skills along with rolling and shaping – **Funny face pizzas**

Claw hold

<u>Keywords</u>

- Bacteria
- Bridge
- Cooker
- Claw
- Equipment
- Evaluate
- Healthy
- Hygiene
- Measure
- Safety
- Sensory analysis
- Time management
- Weigh



Sensory Analysis

We use this to compare shop bought products but also evaluate your homemade products.

<u>Knife Skills</u>





Peeling

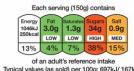


Health and Safety Rules in the Kitchen

- Tie long hair up
- Wash your hands with warm soapy water
- Wear a clean apron
- Listen to instructions
- No running or shouting in the kitchen
- Leave bags and coats outside on the rack
- Remove nail varnish/ acrylic nails
- Do not sneeze or cough over food
- Wash up and tidy away the equipment that you use

Healthy Eating

The Eatwell Guide shows how much of what we eat overall should come from each food group to achieve a healthy, balanced diet.





The traffic light labelling system will tell you whether a food has high, medium or low amounts of fat, saturated fat, sugars and salt. It will also tell you the number of calories and kilojoules in that particular product.

Year 7 Design Technology

Resistant Materials



Year 7 Design Technology

Textiles (Tie Dye Cushion Cover

Terminology

Design Specification - a list of design criteria that the finished product must meet.

Client - also known as the user; the person or group of people who will buy and/or use the design solution.

Client profile - a summary of the client's likes, dislikes and interests.

Analysis - looking at a product in more detail to understand more about it.

Annotation - Labels on designs commenting on fabrics, colour, technique and who your user is.

Keywords Cotton

- Tie Dye
- Embroidery Appliqué
 - Polyester

Polycotton

• Linen • Wool

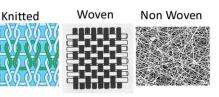
Nylon

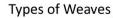
- Pattern
- Iron Thread

Design

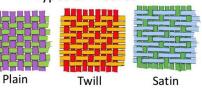
- Sewing machine
- Stitching (zig-zag, straight, decorative)

Fabric Construction





Decorative Techniques



Equipment

Thread - a long strand of fibres (cotton, polyester, nylon) used for joining, creating or decorating textiles.

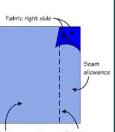


Bondaweb - A double-sided adhesive to bond fabrics together simply by ironing. Used for securing applique in place and to prevent the edges from fraying.

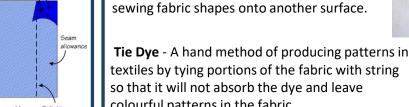


Practical skills

Seam allowance - is the area between the fabric edge and the stitch line on two pieces of material sewn together. A seam allowance is 1.5cm from the fabric edge.



Hem – An edge is turned over twice to create a neat finish, ironed and sewn in place so there is no raw edge to your cushion cover.



colourful patterns in the fabric. Stitching Fabric wrong side

Hand Embroidery - Stitching on fabric with a hand needle and embroidery thread to add colour and texture to the surface.

Appliqué – A French word meaning 'to

apply'. Decorative technique made by

Decorative Stitches - A series of detailed stitches sewn by machine in a continuous line to decorate hems.







annextended නගඟහඟගලාලාල nannan

Year 7 Drama

Intro to Drama 2

Physical Skills

Mum PEGS out Gran's

Flowery Bloomers

Mannerisms

Posture

Eye Contact/Focus

Gesture

Use of **S**pace

Gait

Facial Expressions

Body Language

'Drama is Serious Fun'

Rules of the Drama Studio

Respect Yourself Respect Others Respect the Space

> Be Kind Be Brave Be Yourself

Be in the right place, at the right time, doing the right thing,

Techniques

Tableau A still image or freeze frame

Transitions Movement between images

Thoughts Aloud Saying what your character is thinking out loud Subtext When we say one thing, but our physical or vocal expression suggest we mean something else.



Vocal Skills

PIP Eats Mangos At Very Peculiar Times

> Pitch Intonation Pause Emphasis Mannerism Accent Volume Pace Tone

Mime

Acting without speaking OR Acting without props Using movement to replace objects

Gesture

A movement of the body which has meaning A way of expressing thoughts or ideas through a movement Using movement to replace words

Year 7 English

Difficult Choices: When the Sky Falls

CONTEXT

World War Two - happened between 1939-1945 between Germany and its allies and Britain, America and their allies. It involved more than 50 nations. Much of the fighting was in mainland Europe, but bombs were dropped by both sides on key cities.

The Blitz – This term refers to the bombing of important cities and ports during World War Two. It is most often used in reference to London, which was a key target. **Evacuees** – Children were evacuated from big cities to the countryside. An estimated 3.5 million children left their homes. Joseph's situation of moving into London was very unusual.

Dyslexia – Dyslexia is a learning difficulty that mainly affects your ability to read and spell.

MAIN CHARACTERS

Joseph – a young boy sent to London during the Blitz

Mrs F – the woman Joseph is sent to stay with and custodian of the zoo

Syd – a girl who helps at the zoo and

becomes Joseph's friend Adonis – the gorilla resident at the zoo

Mr Gryce – the head teacher of Syd and Joseph's school Miss Doherty – Joseph's teacher Bert and Jimmy – two boys from Joseph's school who bully him.



SUBJECT VOCABULARY Novel

Protagonist Character Setting Dialogue Narrative Quotation Juxtaposition Empathy Anthropomorphism

USEFUL

Evacuee Rationing Silverback Abrasive Conscription Compassion Responsibility Bereavement

Determination

ACADEMIC VOCABULARY

P.E.E. – Point, Evidence, Explanation

perhaps, arguably, possibly could, may, might

shows, conveys, illustrates, emphasises, highlights, suggests, implies

The word "-----" suggests that... The audience may feel that...

BIG IDEAS, THEMES AND QUESTIONS

Conflict– How does the conflict of the war reflect the conflicts between the characters? Why did the writer choose to set the novel at this time?

Love– What does it mean to love someone or something? Why is love important?

Friendship– What is a friend? Can we be friends with animals? Loss – How can loss affect us? How can we overcome it? Grief - What does it mean to grieve for someone? Responsibility – What does it mean to be responsible for something? How can being responsible for something make a difference to us?



Year 7 French

All about me

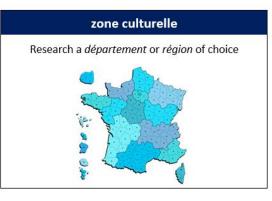
	Opinions		
j'aime je n'aime pas Tu aimes? il/elle aime Oui, j'aime ça. Non, je n'aime pas ça. Tu es d'accord? Je suis d'accord. Je ne suis pas d'accord. C'est génial cool bien ennuyeux nul essentiel important	I like I don't like Do you like? he/she likes Yes, I like that. No, I don't like that. Do you agree? I agree. I don't agree. It's great cool good boring rubbish essential important	2. SA 3. CC 4. W	ie e te. aucou cover e step DOK c AY the DVER /RITE HECK t wron
Ce n'est pas bien.	lt's not good		

	Musicians
II/Elle joue	He/She plays
de la batterie	the drums
de la guitare	the guitar
II/Elle chante.	He/She sings.
II/Elle a beaucoup de talent.	He/She has a lot of talent.

How to learn new words		
Look, say, cover, write, check		
Use the five steps below to learn how to spell any word.		
 LOOK carefully at the word for at least 10 seconds. 		
SAY the word to yourself or out loud to practise pronunciation.		
COVER up the word when you feel you have learned it.		
4. WRITE the word from memory.		
5. CHECK your word against the original. Did you get it right? If not, what		
did you get wrong? Spend time learning that bit of the word. Go through the		
steps again until you get it right.		

un verbe important	être = to be
je suis – I am	nous sommes – we are
tu es – you are	vous êtes – you are
il/elle/on est – he/she/it is	ils/elles sont – they are

un verbe important	aimer = to like
j'aime – I like	nous aim ons – we like
tu aim es – you like	vous aim ez – you like
il/elle/on aime – he/she/it likes	ils/elles aim ent – they like



My sur	vival kit
j'ai	I have
je n'ai pas de	I don't have
tu as	you have
il/elle a	he/she has
un appareil photo	a camera
une barre de céréales	a cereal bar
un bâton de colle	a gluestick
des chips (f pl)	crisps
des clés (f pl)	keys
une clé USB	a memory stick
une gourde	a water bottle
des kleenex (m pl)	tissues
des lunettes de soleil (f pl)	sunglasses
un magazine	a magazine
un miroir	a mirror
un MP3	an MP3 player
un portable	a mobile phone
un portemonnaie	a purse
un paquet de mouchoirs	a packet of tissues
un sac	a bag
des surligneurs fluo (m pl)	fluorescent highlighters
une trousse	a pencil case

High free	quency words
et	and
aussi	also
mais	but
très	very
assez	quite
toujours	always
Qu'est-ce que?	What?
Qui?	Who?

My self les animaux (m pl) les araignées (f pl) la capoeira les chats (m pl) les chiens (m pl) le cinéma les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae les reptiles (m pl)
les araignées (f pl) la capoeira les chats (m pl) les chiens (m pl) le cinéma les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
la capoeira les chats (m pl) les chiens (m pl) le cinéma les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) les livres (m pl) les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les chats (m pl) les chiens (m pl) le cinéma les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) les livres (m pl) les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les chiens (m pl) le cinéma les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
le cinéma les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) les livres (m pl) les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les consoles de jeux (f pl) la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
la danse le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
le foot les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les gâteaux (m pl) le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
le hard rock l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
l'injustice (f) les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les insectes (m pl) les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les jeux vidéo (m pl) les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les livres (m pl) la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
la musique les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les mangas (m pl) les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les maths (m pl) les pizzas (f pl) la poésie le racisme le rap le reggae
les pizzas (f pl) la poésie le racisme le rap le reggae
la poésie le racisme le rap le reggae
le racisme le rap le reggae
le rap le reggae
le reggae
les reptiles (m pl)
le roller
le rugby
le skate
les spaghettis (m pl)
le sport
la tecktonik
la télé
le tennis
le théâtre
les voyages (m pl)
la violence
les weekends (m pl)

-portrait animals spiders capoeira (a Brazilian dance) cats dogs cinema games consoles dancing football cakes hard rock injustice insects video games books music mangas maths pizzas poetry racism rap reggae reptiles roller-skating rugby skateboarding spaghetti sport tecktonik (dance) ΤV tennis theatre, drama journeys

violence weekends

Me and other people je suis l am je ne suis pas l am not tu es you are he/she is called il/elle s'appelle il/elle est he/she is beau/belle good-looking branché(e) trendy charmant(e) charming cool cool curieux/curieuse curious de taille moyenne average height drôle funny généreux/généreuse generous gentil(le) nice tall grand(e) impatient(e) impatient intelligent(e) intelligent modeste modest petit(e) small poli(e) polite



Term 1 Checklist	
use regular – <i>er</i> verbs (<i>je, tu, il/elle</i> forms)	
use regular <i>—er</i> verbs (<i>je, tu, il/elle</i> forms)	
use regular <i>—er</i> verbs (<i>je, tu, il/elle</i> forms)	
use ne pas	
use the connectives <i>et, mais</i> and <i>aussi</i>	
talk about what is in my survival kit	
say what is important to me	
use Qu'est ce que	
use <i>avoir (je, tu, il/elle</i> forms)	
describe myself	
use être (je, tu, il/elle forms)	
use singular adjectives	
use the intensifiers <i>très</i> and <i>assez</i>	
describe someone else	
use plural adjectives	
use possessive adjectives	
describe a musician	
use je, tu, il and elle forms of regularer verbs + avoir and être	

Eyes and hair		
j'ai	I have	
tu as	you have	
il/elle a	he/she has	
mon ami(e) a	my friend has	
J'ai les yeux bleus/verts/gris/marron.	I have blue/green/grey/brown eyes.	
J'ai les cheveux longs/courts/mi-longs.	I have long/short/medium-length hair.	
frisés/raides	curly/straight	
blonds/bruns/noirs/roux	blond/brown/black/red	



My World

Meeting and greeting		
Wie heißt du?	What's your name?	
Ich heiße	My name is	
Hallo!	Hello!/Hi!	
Guten Tag!	Hello!	
Wie geht's?	How are you?	
Gut, danke. Und dir?	Fine, thanks. And you?	
Nicht schlecht.	Not bad.	
Tschüs!	Bye!	
Auf Wiedersehen!	Goodbye!	
Wie alt bist du?	How old are you?	
Ich bin Jahre alt.	I am years old	

Where do you live?			
Ich wohne in	I live in		
Er/Sie/Es wohnt in	He/She/It lives in		
England	England		
Irland	Ireland		
Nordirland	Northern Ireland		
Schottland	Scotland		
Wales	Wales		
Deutschland	Germany		
Österreich	Austria		
der Schweiz	Switzerland		

Verbfokus	wohnen = to live
ich wohne – I live	wir wohn en – we live
du wohnst – you live	ihr woh nt – you live
	Sie wohn en – you live
er/sie/es wohnt – he/she/it lives	sie wohn en – they live

High frequency words		
und	and	
(und) auch	(and) also	
aber	but	
oder	or	
sehr	very	
ziemlich	quite	
nicht	not	

	Question words
Wie?	How?
Was?	What?
Wo?	Where?
Woher?	Where from?
Wer?	Who?

Berufsprofil		
Find out about these German companies		
😪 Lufthansa	«®» Knorr-bremse	
BAYER	SIEMENS	
adidas	ALDI	
BOSS	Beiersdorf	
	υтυι	

	What are you like?
Ich bin	l am
Er/Sie	He/She is
faul	lazy
freundlich	friendly
intelligent	intelligent
kreativ	creative
launisch	moody
laut	loud
lustig	funny
musikalisch	musical
sportlich	sporty

	I have
Ich habe	I have
einen Computer	a computer
einen iPod	an iPod
einen Fußball	a football
eine Gitarre	a guitar
eine Wii	a Wii
eine Schlange	a snake
ein Handy	a mobile phone
ein Keyboard	a keyboard
ein Skateboard	a skateboard

Numbers 0–19			
null	0	zehn	10
eins	1	elf	11
zwei	2	zwölf	12
drei	3	dreizehn	13
vier	4	vierzehn	14
fünf	5	fünfzehn	15
sechs	6	sechzehn	16
sieben	7	siebzehn	17
acht	8	achtzehn	18
neun	9	neunzehn	19

	How to learn new words				
Ask you	rself:				
1.	Do I know what it means when I see it?				
2.	Can I pronounce it?				
3.	Can I spell it correctly?				
4.	Can I use it in a sentence?				
	ay, Cover, Write, Check Use these five steps to learn the meaning, ciation, and spelling of new words.				
1.	Look carefully at the word. Close your eyes and try to picture the word in your mind. This uses your visual memory.				
2.	Say the word out loud to yourself. This uses your auditory memory.				
3.	Cover the word - say it and 'see' the word in your mind.				
	and a set of the set o				

- Write the word out from memory.
- Check your word against the original. Did you get it right? Combining seeing, listening, and doing strategies makes memorising more effective.

Verbfokus	sein = to be	
ich bin – I am	wir sind – we are	
du bist – you are	ihr seid – you are	
	Sie sind – you are	
er / sie / es ist – he / she / it is	sie sind – they are	

	My favourite things
Mein Lieblingssport	My favourite sport
Mein Lieblingsmonat	My favourite month
Meine Lieblingsmusik	My favourite music
Meine Lieblingszahl	My favourite number
Meine Lieblingssendung	My favourite programme
Meine Lieblingsfußballmannschaft	My favourite football team.
Mein Lieblingsspiel	My favourite game
Mein Lieblingsland	My favourite country
Mein Lieblingsauto	My favourite car

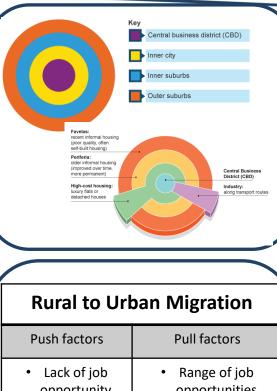
Term 1 Checklist	
introduce myself and greet others	[
recognise the three words for 'the' in German	[
pronounce German words and predict spellings	
ise the numbers 0–19	[
ask how old someone is and give my age	ן ר
	L I
use the verb <i>sein</i> (<i>ich, du</i> and <i>er/sie/es</i> forms)	l
use the German alphabet to understand how words are spelled	[
ask and say how a word is spelled	[
use the verb wohnen (ich, du and er/sie/es forms)	
	ľ
describe my character	ļ
talk about some favourite things	l
use mein/meine and dein/deine correctly	[
use cognates to decode meanings	[
use the connectives und, aber, (und) auch and the qualifiers (nicht) sehr, ziemlich	[
ask questions using questions words (<i>wie, was, wo, wer, woher</i>)	[
check genders and capital letters of nouns	1
	l I
check spellings	l
write sentences from memory and then check my work	ļ
use a variety of connectives and qualifiers to increase the length and interest of my sentence	



Year 7 Geography



How do settlements differ around the world.



opportunity opportunities • Drought Better paying jobs • Famine • More stable life Crop failures Close to amenities Poor services Better education Lack of opportunities • Higher standard of education opportunities living Better facilities Isolation Civil War Less change of Lack of

natural disasters facilities

Key Terms Informal Housing Any shelter that is illegal or falls outside of government control. Migration Movement from one place to another. **Push Factors** Something that makes people want to leave a place. **Pull Factors** Something that attracts people to a place. Hygiene Conditions that maintain health and disease prevention. Urban A built up area e.g. town or city. Rural Area of countryside. Inequality Differences between areas or people.

Quality of Life The standard of health, comfort and happiness experienced by a person. Social Society or its organization. Economic Relating to money. Environmental

The natural world.

Squatter settlements and slums

- One of the biggest challenges for urban areas in developing countries is providing enough houses for people to live in.
- The government and building developers cannot build • enough houses to keep up with demand, so people end up living in slums and squatter settlements that are not official infrastructure.
- Slums are built from whatever materials can be found and are temporary homes. Living in the slums means that people live closer to where they work and do not have to pay to travel but the electricity and water supply is very inconsistent or non-existent.



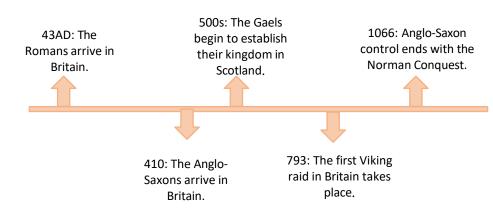
The World's Megacities Are Set for Major Growth Population growth of the world's top 15 megacities (millions, 2011-2025)



Year 7 History

Significant groups or	Significant groups or people:		
Celtic people	The people who lived in Britain from around 1000BC to 43AD. The term includes lots of different tribes and peoples, including the Iceni tribe.		
Gaels	These people migrated to Scotland and established the kingdom of Dál Riata. They perhaps originated from Egypt.		
Romans	The Romans established one of the biggest empire in history, covering around five million kilometres. Their influence spread to Britain, too.		
Anglo- Saxons	These people originated from northern Europe, and settled in Britain from around 410AD. The period of Anglo-Saxon rule is often known as the 'Dark Ages', but historians now question this term.		
Vikings	The Vikings arrived in Britain from modern-day Scandinavia. They settled and established control, although there was plenty of conflict with the Anglo-Saxons.		

Key dates:



What impact did migrant groups have on the development of early Britain?





The lvory Bangle Lady

FRANK	Key terms:	
Emma of Normandy	Migration	Movement from one place to another. Someone who moves is called a 'migrant'.
	Invade	To enter a country or region with the aim of taking it over.
Next	Conquest	Taking control of another region or country, usually by force.
	Rebellion	Resisting the leader or government, perhaps violently.
23111111	Settle	Make a home somewhere.
	Kingdom	A country or region ruled over by a king or queen.
Boudicca	Pillage	To steal from someone. Often this is done through violence.
	Diversity	Variety. This term is often used to describe the large number of people from different backgrounds or cultures who have settled in one place.
ne 	Pagan	Term used to describe someone who holds different kinds of religious beliefs than those in charge.
	Mythology	A collection of stories that belong to a particular culture or group of people.
	Monastery	A building used to house a community of monks (followers of God).
	Archaeology	The study of human history, usually by excavating (digging up) historical sites.



Number Sense

Key Learning

Place Value

• Understand the value of digits in decimals, measure and integers.

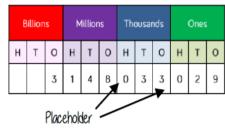
Properties of Number

- Understand Multiples, factors and primes.
- Understand integer exponents and roots.
- Understand and use Prime factorisation of a number.

Arithmetic Procedures With Integers and Decimals

- Understand the structures that underpin addition and subtraction strategies.
- Understand the structures that underpin multiplication and division strategies.
- Use conventions of arithmetic to calculate efficiently

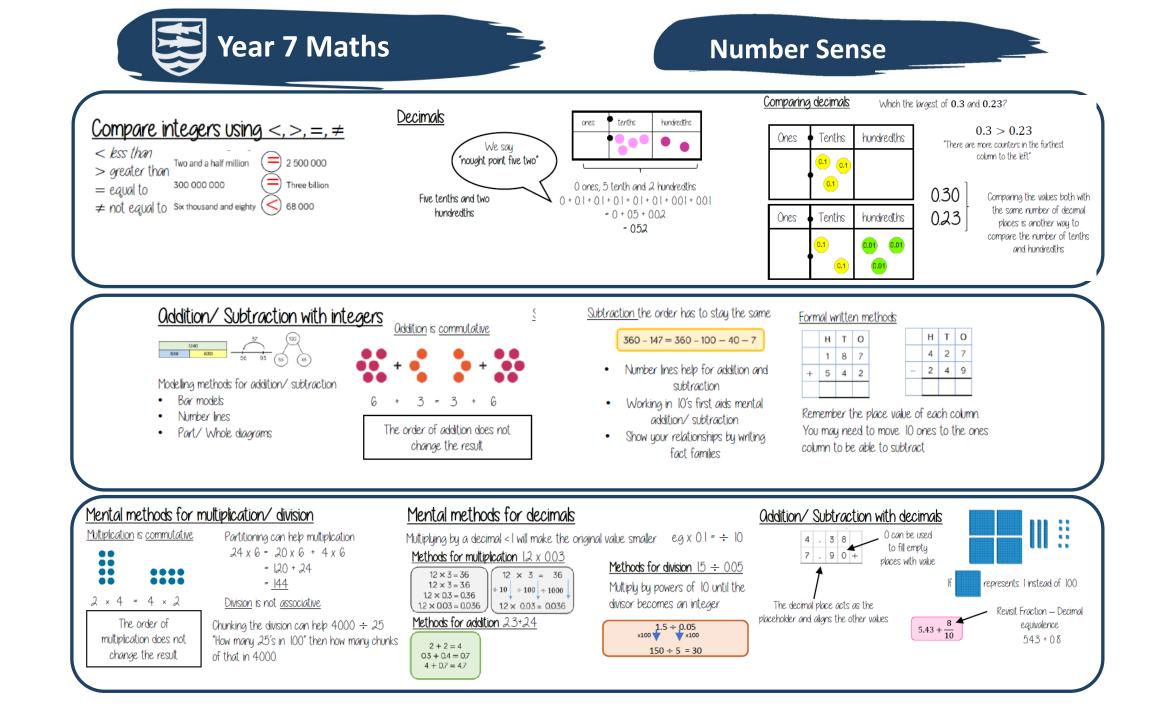
Integer Place Value

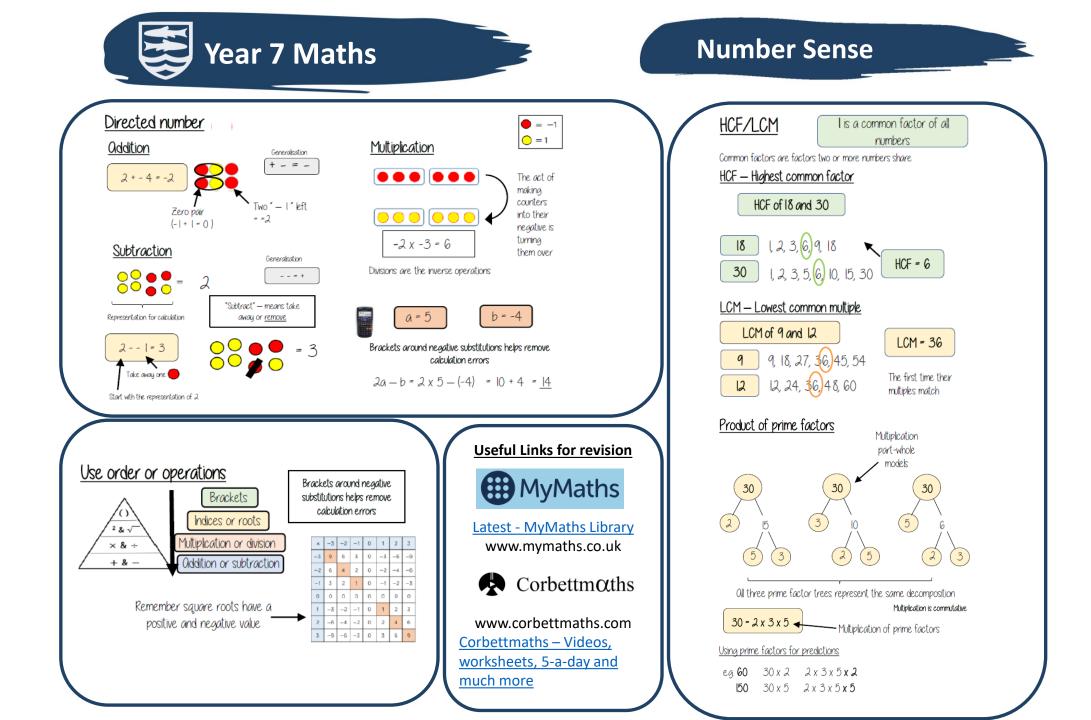


Three billion, one hundred and forty eight million, hirty three thousand and twenty nine billion 1, 000, 000, 000 million 1, 000, 000

Key	w)	or	<u>ds</u>

Term	Definition	Example
Integer	A whole number that is positive or negative	7, 4, -2,
factor	a number that divides exactly into another number	factors of 12 = 1, 2, 3, 4, 6, 12
common factor	factors of two numbers that are the same	common factors of 8 and 12 = 1, 2, 4
prime number	a number with only 2 factors: 1 and itself	2, 3, 5, 7, 11, 13, 17, 19
composite number	a number with more than two factors	12 (it has 6 factors)
prime factor	a factor that is prime	prime factors of 12 = 2, 3
multiple	a number in another number's times table	multiples of 9 = 9, 18, 27, 36
common multiple	multiples of two numbers that are the same	common multiples of 4 and 6 = 12, 24
Exponent	The power to which a given number is to be raised	5 ³ = 5x5x5
square numbers	the result when a number has been multiplied by itself	25 (5 ² = 5x5) 49 (7 ² = 7x7)
Square root	The number that is multiplied by itself to give a certain value	7 is the square root of 49 because 7x7 = 49
cube numbers	the result when a number has been multiplied by itself 3 times	8 (2 ³ = 2x2x2) 27 (3 ³ = 3x3x3)
Product	The result of a multiplication	2x6 = 12
Quotient	The result of a division	12/6 = 2







Treble Clef

Elements of Music

Pitch	How HIGH or LOW a sound is
Pulse	The BEAT
Тетро	The SPEED
Dynamics	The VOLUME
Melody	The TUNE
Rhythm	The pattern of notes in relation to the beat
Harmony	Different pitches combined together
Timbre	The TYPE of sound eg brass/strings/mellow
Texture	How the different layers fit together
Silence	The complete absence of sound

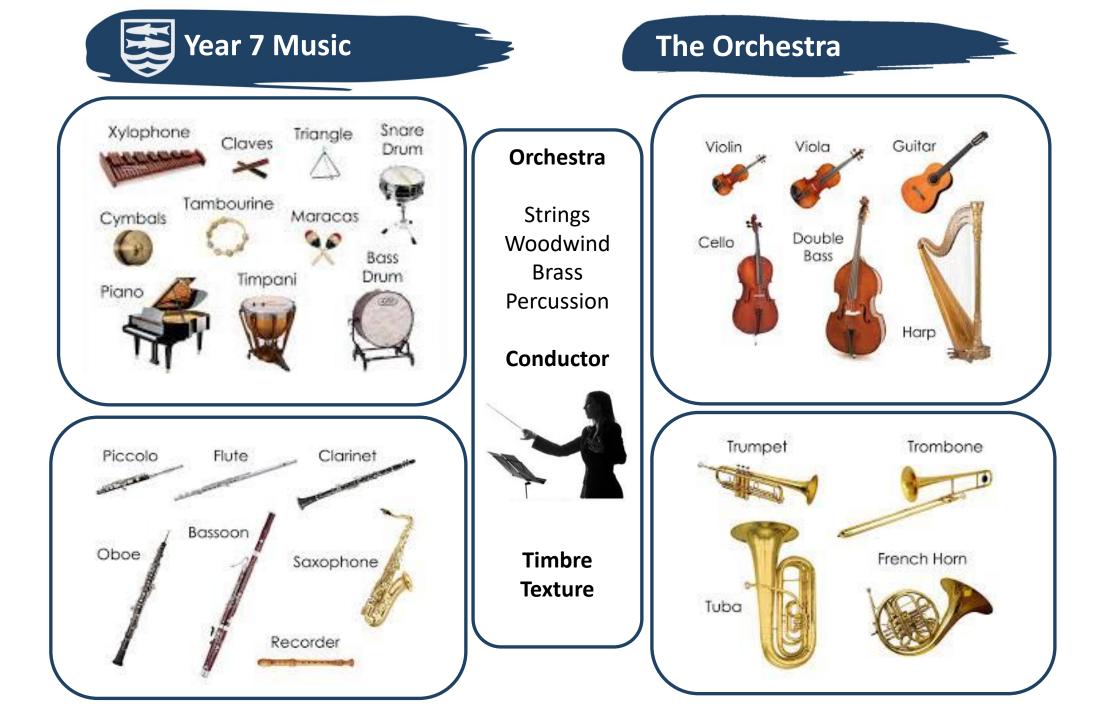
Bass Clef

Time Signature

Perform – to play or sing a piece of music. This usually refers to a song or piece which has been composed by someone else already.

Compose – to make up your own song or piece of music.

$ \Big $		•
	Sharp	Flat



Key Skills

- ✓ Ball Carrying
- ✓ Passing
- ✓ Receiving
- ✓ Tackling
- ✓ Rucking
- ✓ Communication
- ✓ Teamwork

Rucking

- "Tower of Power"
- Low body position
- Drive opposition players out of the ruck.
- · Hold a strong base to protect the ball and prevent other players from driving YOU away.

Key Terminology and Rules

Game starts and restarts with a kick off.

Passing must go sideways or backwards.

Tackling must be below the chest.

Points are scored through tries, conversions and penalties.

Try - When a player touches the ball down over their opponent's goal line. Worth 5 points

Year 7 PE

Conversion - After a try is scored, the scoring team can add an extra two points by kicking the ball through the posts.

Ruck - This is the contest between opposing players when the ball carrier has been tackled.

Scrum - This is a set-piece involving the forwards on both teams who 'push' against each other to try and secure passession of the ball.

Line Out - This happens when the ball goes off the side of the pitch. The hooker throws the ball into the pitch with players from both teams competing against each other to secure the ball.

Knock-on - When a player drops the ball, and it goes forwards. This results in a scrum being awarded to the opposition.

Penalty - This is when a player is penalised for doing something against the rules (e.g. tackling too high). The team awarded the penalty have the option to kick the ball out, kick for the posts, have a scrum or tap the ball and run.

Offside - This is when the defending team are on the oppositions side of the ruck after a tackie. This will

Rugby

Supporting the Ball Carrier

- Stay behind the ball carrier to be available for a pass.
- 'V' shape for the attacking line
- Closest two players enter the ruck if teammate is tackled.
- Communicate with the ball carrier.

Passing/Receiving

- Ball must be passed sideways or backwards.
- · Pass with two hands.
- Swing the arms together.
- Finish with hands towards the target.
- Hands in 'W' position to receive the ball.
- Communicate with the ball carrier.



Case of





Tackling

- "Tower of Power"
- Feet shoulder width apart
- Knees flexed.
- First contact with the shoulder
- Ring of steel with your arms
- Cheek to cheek
- Head finished on top of opponent.
- Release once tackle is completed and roll away.





Defensive Line



across the pitch

"Wall" of defence

opponents.

stood opposite you.

Straight/Flat defensive line

Eyes on the opponent that is

Move forward to meet your

to move up as a team.

Communicate with teammates

Key Skills

✓ Footwork

- ✓ Passing
- ✓ Receiving
- ✓ Shooting ✓ Marking
- Communication

Shooting

- Feet shoulder width apart
- Face towards the post
- Shooting hand at back of the ball
- Fingers slightly open with elbow and knees flexed.
- Extend elbows and knees, flex wrists

Key Terminology

Goal - When the GA or GS successfully gets the ball into the net. Play restarts with a centre pass.

Year 7 PE

GOAL THIRD

Footwork - When a player 'travels' taking a step when in control of the ball. Ball is given to the opposing team.

Contact - This is when a player makes contact with an opposing player. Foul awarded to the team on the receiving end of contact.

Offside - When a player goes into a third that they are not allowed to with their position. Play restarts with the opposition team.

Obstruction - When a defending player is too close to the player in possession of the ball. Play restarts with the player in possession of the ball.

Footwork

- Have a strong base and be aware of your first foot to touch the floor.
- Bring ball into your body to protect it.
- Your first foot must remain on the floor. Swivel with your second foot, twisting your hips to change the way you're facing - this is known as pivoting.



Dodging

- Body upright with weight on balls of your feet
- Push off one foot to change direction.
- Use arms to lead off into new direction.
- Hands out ready to receive.

Passing/Receiving

- Eyes on teammates to see where and how to pass
- Chest pass push ball away from chest height with two hands
- Overhead pass both hands above your head and extend elbows in direction of teammate.
- Shoulder pass push the ball with one hand from shoulder height.
- Bounce pass push the ball from shoulder height towards the ground so that it bounces to a teammate.
- Finish with hands towards the target
- Hands in 'W' position to receive the ball.

Marking

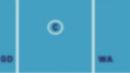
- Stand in front of opposition player slightly to the side.
- Be aware of player and where the ball is.
- Keep on your toes and move with the attacker.
- Hands out ready to intercept or block the ball.
- Communicate with teammates.



GOAL THIRD



Netball



NETBALL POSITIONS



What is Mindfulness?

Mindfulness is when you focus on the present. You can do this by paying attention to your body and what you're feeling. You can also focus on your surroundings and what's happening around you. When you're mindful, you're not judging or trying to change anything. You're just observing.

Mindfulness can help you become more aware of your thoughts and feelings so that you can manage them better. It can also help you be more present in themoment and appreciate the things around you, leading to more positive emotions. When you're mindful, you're less likely to get caught up in your thoughts and worries, and you're more likely to be able to enjoy the present moment. Positive affirmations can also form part of mindfulness training.

Mindfulness is a simple concept, but it can be hard to do. It takes practice to learn how to be mindful. But once you get the hang of it, mindfulness can be a helpful tool for managing stress and anxiety.

BODY SCAN

Close your syst. Take a deep breach in through your nase and out through your mouth. Starting with the top of your head, become auses of hav your bady, feels. Slowly move down your bady, naticing how each body part feels, down to your boss. Make a note of any areas of discomfort on the body below. Draw a face on the persons are represent here your are currently feeling.





' What you think, YOU BECOME

What you feel, YOU ATTRACT

What you imagine, YOU CREATE' BUDDHA

MINDFULNESS HELPS US:

BALANCE OUR EMOTIONS FIND CALM SHOW KINDNESS

SPARK OUR CURIOSITY FOCUS AND OBSERVE

BUILD CONFIDENCE

<u>Tips on getting the most from mindfulness</u> To get the most out of mindfulness exercises, try your best to:

Pay attention. Focus on things you can see, hear, smell, taste or touch. For example, when you take a shower, make a special effort to really pay attention to how the water feels on your skin.

Take notice. When your mind wanders, which is just what minds do, simply notice where your thoughts have drifted to. Some people find it helpful to name and acknowledge the feelings and thoughts that come up. For example, you could think to yourself 'this is a feeling of anger', or 'here is the thought that I'm not good enough'.

Be aware and accepting. Notice and be aware of the emotions you are feeling or sensations in your body. You don't need to try and get rid of any feelings or thoughts. Try to observe and accept these feelings with friendly curiosity, and without judgement. Choose to return. Choose to bring your attention back to the present moment. You could do this by focusing on your breathing or another sensation in your body. Or you could focus on your surroundings – what you can see, hear, smell, touch or taste. Be kind to yourself. Remember that mindfulness can be difficult and our minds will always wander. Try not to be critical of yourself. When you notice your mind wandering, you can just gently bring yourself back to the exercise.

MINDFULNESS

Mindfulness exercises you can try

Mindful eating. This involves paying attention to the taste, sight and textures of what you eat. Try this when drinking a cup of tea or coffee for example. You could focus on the temperature, how the liquid feels on your tongue, how sweet it tastes or watch the steam that it gives off.

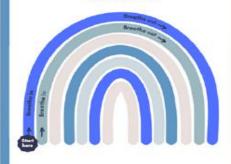
Mindful moving, walking or running. While exercising, try focusing on the feeling of your body moving. If you go for a mindful walk, you might notice the breeze against your skin, the feeling of your feet or hands against different textures on the ground or nearby surfaces, and the different smells around you.

Body scan. This is where you move your attention slowly through different parts of your body. Start from the top of your head and move all the way down to the end of your toes. You could focus on feelings of warmth, tension, tingling or relaxation of different parts of your body.

Mindful colouring and drawing. Rather than trying to draw something in particular, focus on the colours and the sensation of your pencil against the paper. You could use a mindfulness colouring book

Mindful meditation. This involves sitting quietly to focus on your breathing, thoughts, sensations in your body or things you can sense around you. Try to bring your attention back to the present if your mind starts to wander. Many people also find that yoga helps them to concentrate on their breathing and focus on the present moment

RAINBOW BREATHING BRAIN BREAK



Place your larger at the battam of the sainbow, on the left. As you trace your larger along the nanbow take a deep brench in through your nave, until you reach the middle. When you reach the middle begins to exhain through your reach the middle.

Repeat with every colour until you feel calm and grounded.



Divine Authority	
Authority	A person who has been given power, responsibilities and expertise
Omnipotent	All powerful, the power to control nature
Omnibenevolent	All loving, God loves everyone no matter what
Omniscient	All knowing. God knows the past present and future
Biblical Authority	
Literal interpretation	The meaning of the Bible is word for word true and exactly as it is in the bible
Nonliteral interpretation	The bible has a deeper meaning. It is not intended as factually correct
Conservative	A fixed view, which does not change with society
Liberal	A view that changes as society changes
Jesus' Authority	
Trinity	God in three forms or persons. Father, Son and Holy spirit
Jesus	God in human form.
Messiah	A term given to Jesus, meaning saviour or liberator
Miracle	Something that breaks the laws of nature, is difficult to explain and comes from God
Historical Jesus	The Jesus according to historical fact

What is Authority?

Key evidence

"God notices the death of a sparrow"

"God even makes wind"

"Even the wind and waves obey him"

"The word became flesh"





|--|



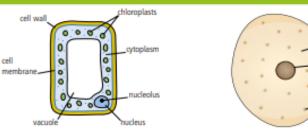


Year 7 Science

Cells

Plant and animal cells

Cells have smaller structures inside them. called components, that each have an important function.



Specialised cells

Specialised cells have special features that allow them to do a specific job or function:

	Cell type	Function	Special features	Diagram
	root hair cell	absorb water and nutrients from soil	 root hair creates a large surface area no chloroplasts as no light underground 	2
plant cells	leaf cell (palisade cell)	carry out photosynthesis	 found at the top surface of leaves packed with chloroplasts thin with a large surface area to absorb more light 	
	red blood cell	transport oxygen around the body	 contain haemoglobin which joins to oxygen no nucleus disc shaped to increase surface area 	le l
animal cells	nerve cell (neurone)	carry electrical impulses around the body	 long and thin with connections at each end 	*
	sperm cell	carry male genetic material	streamlined head and a long taillots of mitochondria to transfer energy	\sim

Unicellular organisms

A unicellular organism only consists of one cell. They have no fixed shape and are adapted to carry out many different functions.

Amoeba

nucleus 🚽 🥏

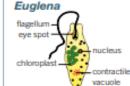
(removes water

and waste)

food-

vacuole

- nucleus controls growth and reproduction
- pseudopod move by moving part of their body and the rest follows slowly in the same direction cell membrane
 - eat bacteria, algae, and plant cells by engulfing them
 - entractile vacuole reproduce by splitting in half (binary fission)



 microscopic organism found in fresh water · contain chloroplasts and make their own food by

cell membrane

cytoplasm

mitochondria

nucleus

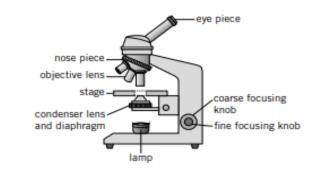
- photosynthesis eye spot that detects light
- flagellum allows the Euglena to move towards the light to make more food

Microscopes

Cells can only be seen under a microscope. A microscope magnifies an object using lenses.

Remember that:

- the specimen needs to be thin so light can pass through
- · a dye can be added to make the object easier to see.



Using a microscope

- Move the stage to its lowest position.
- Place the slide/object on the stage.
- 3 Choose the objective lens with the lowest magnification.
- 4 Look through the eyepiece and turn the coarse-focus knob slowly. until you see the object.
- 5 Turn the fine focus knob until it comes into focus.
- 6 Repeat steps 1–5 using a higher magnification lens.

Movement in and out of cells

Particles move in and out of cells by diffusion.

During diffusion, particles spread out from where they are in high concentration to where they are in low concentration.

Diffusion in water is called osmosis.

Glucose and oxygen move from the blood into cells by diffusion. Carbon dioxide moves out of cells to the blood by diffusion.





What are forces?

Knowledge organiser

Chapter 1: Forces

A force can be a push or a pull.

Forces can be measured using a **newtonmeter**. Forces are measured in **newtons** (N).



Contact forces occur when objects are touching, for example:

- friction
- drag forces (air resistance and water resistance)
- support forces (e.g., reaction forces)

Non-contact forces work at a distance, for example:

gravity • magnetic force • electrostatic force

Forces always occur in pairs.

The pairs are called interaction pairs.



6 N

Balanced and unbalanced forces

When the forces acting on an object are the same size, but act in opposite directions, we say that they are **balanced**. The balanced forces cancel out, and the object is in **equilibrium**.

If the forces are not the same size, and do not cancel each other out, we say they are **unbalanced**. The larger the difference between unbalanced

forces, the quicker the object will change speed.

Drag forces and friction

Friction is a contact force that occurs when two objects move against each other. It happens because all surfaces have some roughness – even ones that look smooth.

Friction can be reduced by adding lubrication (e.g., oil or grease).

Friction is often useful, for example:

- · you need friction to walk across surfaces
- the brakes on a bike need friction to work.

A solid moving through a liquid or a gas has to push the liquid or gas particles out of the way. This produces a drag force on the solid object.



Water resistance and air resistance are drag forces.

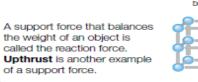
Drag forces can be useful if we need to slow something down, for example, by using parachutes.

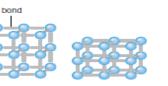
Making an object more streamlined will reduce the drag forces on it.

Reaction forces

When you stand on the floor:

- your weight pushes the particles in the floor together
- the bonds between the particles are compressed
- · the compressed particles push back and support you.





Fields and non-contact forces

In physics, a **field** is a special region where certain objects experience a non-contact force. For example, when

- a mass experiences a force in a gravitational field
- a magnetic material (like iron) experiences a force in a magnetic field
- a charged object experiences a force in an electrostatic field.

As you get further away from a mass, a magnet, or a charged object, the field gets weaker.

Weight and mass

Mass is the amount of 'stuff' something is made of – it is measured in kilograms (kg).

Weight is a force so it is measured in newtons.

weight (N) = mass (kg) \times field strength (N/kg)

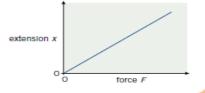
The gravitational field strength on Earth is about 10N/kg.

Your weight depends on the gravitational field strength but your mass is the same everywhere.

Hooke's law

Some objects – like springs – can be **stretched** when pulled. The amount they stretch by is called the **extension**. A force called **tension** makes a spring return to its original length (unless it has gone beyond its **elastic limit**).

Hooke's law states that the extension of a spring doubles when you double the force. This means there is a **linear** relationship between force and extension.



Key terms Make sure you can write definitions for these key terms. air resistance balanced compress contact force draa force elastic limit electrostatic force eauilibrium extension field friction gravitational field strength Hooke's law interaction pair lubrication magnetic force non-contact force gravity linear newton newtonmeter mass reaction force stretch streamlined tension unbalanced upthrust water resistance weight

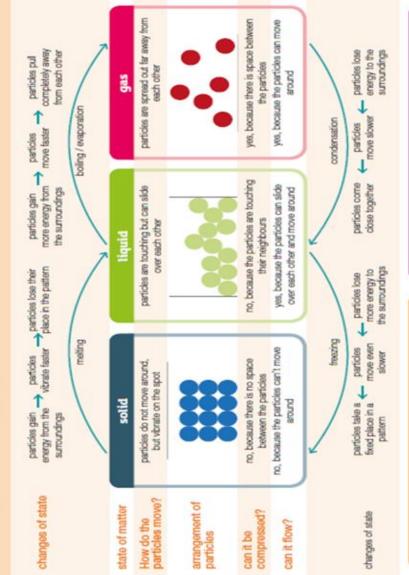
ore **streamlined** will reduce the dra

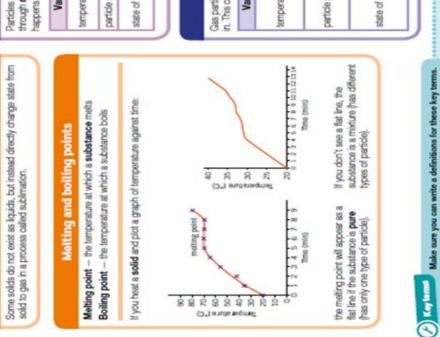
a solid moves through a gas



Particles and their Chapter 1: behaviour 5

Knowledge organiser





Particles move about randomly in liquids and gases and spread out through mixtures. This process is called diffusion. How quickly diffusion Diffusion

Sublimation

Variable	Effect on diffusion
temperaturo	diffusion is faster at higher temperatures because particles move faster when hotter
particle size	diffusion is slower with larger, heavier particles
state of matter	diffusion is: • fast in gases • slow in fiquids • down? hannan in solide

Gas pressure

tev. coliding with the wals of a container around. Gas particles move

8

Variable	Effect on gas pressure
temperature	Pressure increases at higher temperatures because particles move faster and therefore collide more trequently with the container.
perticle size	Pressure increases with greater numbers of particles because there are more particles colliding with the wals of the container.
state of container	Pressure docreases as the size of container increases because particles have more space to move around, so they don't colide with the wals o the container as often.

-75

melting

Inquid

gas

freeding substan

evaporation sublimation

diffusion state of matter

condensation

change of state

ing point sure you can

E C

se key ten

Pilos

particle

mixture

Topic: Particles