

Year 6 Transition Subject Booklet

LESSONS AT ALDERBROOK SCHOOL



Normally, on Transition days at Alderbrook School, you will be able to try a range of subjects, meet the teachers and understand what it really is like to have lessons in a secondary school. Unfortunately, we cannot do that this year. Instead, we have created resources from different subjects for you to try!

In this booklet there are two different timetables (and the lessons attached) for you to try. You can choose to Student A's or Student B's timetable and have a go at some of the tasks OR you can do both.

STUDENT A	
Period 1	ENGLISH
08:30-09:30	M15
Period 2	MATHS
09:30-10:30	C13
FORM 10.30- 10.55	C122
10	BREAK .55- 11.15
Period 3	SCIENCE
11:15-12:15	C25
Period 4	FRENCH
12:15-13:15	G13
_	UNCH* .15- 14.05
Period 5	HISTORY
14.05-15:05	CH4

STUDENT B	
Period 1	SPANISH
08:30-09:30	G03
Period 2	MATHS
09:30-10:30	C16
FORM	ASSEMBLY
10.30- 10.55	MALLEY HALL
	BREAK .55- 11.15
Period 3	SCIENCE
11:15-12:15	C27
Period 4	GEOGRAPHY
12:15-13:15	CH1
_	UNCH* 15- 14.05
Period 5	ENGLISH
14.05-15:05	M23

^{*}For the first couple of weeks when you join you will be having lunch early and before the other years. This is so you can get used to queuing up and paying for your food.

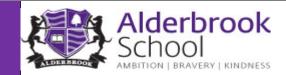
Additional tasks for now/ Summer holidays

At the end of this booklet, there are also some other activities you can try and do during the next few weeks at school or during the summer holidays.

STUDENT A TIMETABLE



ENGLISH



'Impressions'

What, in your opinion, makes a good first impression? Make a list (minimum 3) and explain why you believe they are important.

E.g. having the correct equipment means you are prepared and ready to learn.

What impression do you get of the person in the image? Why? How could this opinion be changed?



Writing task – what impression would you like your English teacher to have of you?

In the **planning section** of your handout, make short notes about the kind of impression you would like your English teacher to have of you.

I. What impression do you want your English teacher to have of you?

2. Wha	t are your strengths in English?	3. What would you like to have improved on by the end of year 7?
1. 2.	our short piece for your new Englis Use paragraphs where necessary Check your spelling and punctud Use a wide range of adjectives.	y;
<u>Challenge</u> –	incorporate brackets, semi-colon	s and varying sentence length into your writir
<u>First impres</u>	I would like my Englis The first impression I would like I want my teacher I believe my In my opinion my By the end of Year 7 I wou My main target for the	ch teacher to think I am to make on my English teacher is to think this because y strengths are strengths would be uld like to have improved on e end of Year 7 would be



MATHS



At Alderbrook, we believe that Maths is a vital life skill. Maths is complicated at points but is can be really fun! Hopefully you enjoy these tasks. One of our favourite things to do on transition is to play the 24 game.

For each game you have 4 numbers, you must use ALL four numbers, you can add, subtract, multiply or divide these to make 24.

For example: To make 24, I can do $(8 - 2) \times (6 - 2)$

8 - 2 = 6

6 - 2 = 4

 $6 \times 4 = 24$

1)



2)



3)



4)



5)



6)



7)



8)



Can you solve the Maths challenges?

Stickers come in packs of 5.

Max buys 12 packs.



He gave his three friends some stickers.

They each receive the same number.

He has 27 stickers left.

How many stickers did Max give each of his friends?

Here are 3 containers.

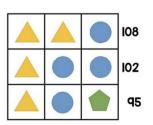


- The jug can hold 1500 ml.
- The bucket can hold 2 litres.
- The barrel can hold 15 litres.

Anisa wants to fill the barrel with water.

Find 2 ways that Anisa can fill the barrel using the jug and bucket.

Here is a 3 x 3 grid with some shapes in.



Each shape represents a number

The sum of each row is shown at the right of the table.

Find the value of each of the shapes.

See how many of these you can answer in 10 minutes- type/ write your answer in the text box.

Question 1	Question 2	Question 3	Question 4
Write in figures : nineteen thousand,	Write in figures : six thousand, eight	List the factors of 99	List the factors of 28
eight hundred and three units	tens and eight units		
Question 5	Question 6	Question 7	Question 8
Work out 96 × 10 =	Work out 31 × 100 =		
Work out 50 × 10 =	Work out 31 × 100 -	Simplify $\frac{6}{33}$	Simplify $\frac{6}{42}$
Question 9	Question 10	Question 11	Question 12
Find 50% of £880	Find 50% of £360	Round 3291 to the nearest 10	Round 1928 to the nearest 100
Question 13	Question 14	Question 15	Question 16
Work out 86 × 6 =	Work out 171 × 2 =	Simplify 7y - 4y - 5y	Simplify 8a + 4b + 5a + 3b
			. ,
	ļ	10	ļ
Question 17	Question 18	Question 19	Question 20
Work out 12389 + 9125 =	Work out 29494 + 3633 =	Work out 34 - 3 × 4	Work out 21 - 5 × 2

Can you crack the codes to work out some of the Maths teachers' surnames?

Α	В	С	D	E	F	G	Н		J	K	L	M
9	47	72	36	32	35	59	26	24	15	23	2	84
N	0	P	Q	R	S	T	U	V	W	X	Y	Z

6 x 12 =	
14 + 12 =	
54 – 45 =	
9 x 3 =	
72 ÷ 8 =	

12 x 7 =	
23 x 4 =	
65 - 38 =	
18 + 17 =	
15 x 5 =	
80 - 17 =	
252 ÷ 7 =	

8 x 8 =	
3 squared =	
54 ÷ 27 =	
59 + 25 =	
26 + 6 =	
7 x 9 =	

FORM TIME



Write to your Form Tutor

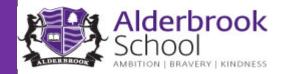
Each of you will have a Form Tutor who you will see every day. They want to know about you. Write them a letter about you. Think about including:

- Your hobbies
- Favourite subjects
- What you do outside of school
- What things don't you like?

 Your family And anything else you would like to tell them 				



SCIENCE



Science at Alderbrook – Step into the world of Science!

The Science team loves to do experiments and we look forward to doing them with you! However, the safety of our students is very important for us.

Here is a picture of a Science lab

Before we do experiments, we need to identify all the hazards and what we need to do to prevent them from causing us harm.

Task 1: Look at the picture and identify all the hazards there are, how they can harm you and what you can do to be safe?



Hazards: factors that can cause you harm

Welcome to Chemistry at Alderbrook!

Task 1 – 'What does chemistry mean to you?' Can you make a list of all the words that make you think of Chemistry?

Task 2 – Add to this list anything that you have at home that you think may be related to chemistry.

Chemistry apparatus

Here is a list of apparatus we use in a Science lab at Alderbrook

Test tube, bunsen burner, heat proof mat, beaker, tripod and gauze

Use the list and have a go at labelling these diagrams:



Do try this at home!

Facts Evaporation is where a liquid (water) is heated so until it turns into a gas (steam). An example of this is when it rains and there are puddles on the street – when the sun shines it heats the water up and the puddle turns into a gas as it is evaporated into the air.

If you add salt to warm water and stir, the salt **dissolves** (dissappears) into the water – can we get this salt back again?

The Experiment – Dissolving and evaporating...

Method

- Fill a cup halfway with warm water
 (get an adult to help you)
- 2. Place 3 spoonfuls of salt into the cup and stir untill you can't see it anymore.
- 3. Place the cup in the garden until all the water has evaporated.

Describe what v	vou observed	(saw)	1:

Can you explain what happened?

FRENCH



1) Luckily, lots of words in French look the same as English or very similar. These words are called cognates and near cognates. Some words look like the English word but mean something totally different. We call them false friends (faux amis in French). It is important to learn them.

Twelve of the following words **do not** mean what you think they do – Highlight the words you think might be 'faux amis'.

village	store	animal	lion	piano
film	garage	biscuit	sensible	radio
bus	car	train	pie	chips
coin	orange	four	club	sandwich
pain	crayon	six	table	chair
concert	bracelet	pendant	sale	restaurant

2) When you start French at Alderbrook you will learn how to meet and greet people. This includes giving personal information about yourself, such as your birthday. How many of the months of the year can you translate into English?

mars	janvier	septembre	
février	octobre	novembre	
mai	juillet	juin	
août	décembre	avril	

3)_You will need to use the skills you have developed at primary school to learn the meaning, spelling and sound of new French words.

At Alderbrook we use lots of strategies to learn and practise new vocabulary. Fill in the missing letters-use activity 2 to help you.

4) In French, what month would you associate with the pictures below?







Colours are one of the most useful groups of adjectives to describe nouns in French. You will be learning colours in the first term at Alderbrook.

This Sudoku will help you practise nine colours in French. If you are finding it a bit tricky, just fill in each box with the missing colours.

If you have coloured pens you could colour in each individual square in the matching colour e.g. rouge (colour the square in red) / or you can highlight the box if using the computer.

noir	blanc	rouge	bleu	Vert	orange	jaune	gris	marron
BLACK	WHITE	RED	BLUE	GREEN	ORANGE	YELLOW	GREY	BROWN

orange	blanc		noir		rouge		gris	marron
rouge				vert				jaune
	marron	noir	bleu		gris	rouge	vert	
gris		marron		orange		vert		bleu
	orange		vert	noir	bleu		rouge	
vert		bleu		marron		jaune		noir
	gris	orange	marron		vert	noir	jaune	
marron				gris				rouge
noir	jaune		blanc		orange		marron	vert



HISTORY



When you come into year 7 next year one of the topics you will study is all about the Romans. We will look at how they lived, how they conquered and the way their society worked. Today you are going to learn a little bit about them!

The Roman army was made up of:

- 22 **Legions** each with 5000 soldiers called **Legionaries**.
- Cohorts of 480 soldiers.
- <u>Centuries</u> of 80 soldiers led by an experienced soldier called a <u>Centurion</u>.

A LEGIONARY



A CENTURION



Study these two images and try to point out as many differences as you can between the two soldiers.

Why do you think that Centurions were so important to the Roman army being successful?

The Roman army also fought using very clever tactics to defeat their enemies. One of these tactics was called the Testudo (or the tortoise in English). Soldiers would group together as you see below using their shields to protect themselves. Use the image to explain why this tactic would be useful and what it teaches us about how the Romans fought in war.



Chronology:

One of the most important things we learn about in History is called chronology. This is when dates or events are put into the order in which they happened. On the next page there will be a series of events in a random order. Place them onto the timeline below in **chronological** order. (BCE = before the Common Era, CE= Common Era - The Common Era is the one we live in now.

753 BCE

> CE 455



outside Italy.



SPANISH



	Los números					
1 uno	16 dieciséis	31 treinta y uno	1. Enero			
2 dos	17 diecisiete	32 treinta y dos	2. Febrero			
3 tres	18 dieciocho	33 treinta y tres	3. Marzo			
4 cuatro	19 diecinueve	34 treinta y cuatro	4. Abril			
5 cinco	20 veinte	35 treinta y cinco	5. Mayo			
6 seis	21 veintiuno	36 treinta y seis	6. Junio			
7 siete	22 veintidós	37 treinta y siete	7. Julio			
8 ocho	23 veintitrés	38 treinta y ocho	8. Agosto			
9 nueve	24 veinticuatro	39 treinta y nueve	9. Septiembre			
10 diez	25 veinticinco	40 cuarenta	10. Octubre			
11 once	26 veintiséis	41 cuarenta y uno	11. Noviembre			
12 doce	27 veintisiete	42 cuarenta y dos	12. Diciembre			
13 trece	28 veintiocho	43 cuarenta y tres				
14 catorce	29 veintinueve	44 cuarenta y cuatro				
15 quince	30 treinta	45 cuarenta y cinco				

1. Look at the example and write the dates

01.04 = el primero de marzo

04.10 = el cuatro de octubre

11.12 =

15.05 =

17.09 =

21.10 =

2. Fill in the missing letters

a.__ero

b. Di _ _ ember

c. F___ero

d. Ju___

e. M_ _ zo

f. Oc__bre

g. Ab__l

h. _ _ viem_ _ _

i. _ _ osto

j. _ _ lio

3. Write your birthday in Spanish below:

Look at the examples and write your own				
¿Qué tal? How are you?	Muy bien/mal/regular. (good/bad/ok)			
¿Cómo te llamas? What is your name?	Me llamo Ben. (My name is)			
¿Cuánto años tienes? How old are you?	Tengo once años. (I am 11 years old)			

4. Match up the numbers

A five
B fifteen
C twenty
D three
E twenty five
F seventeen
G thirty one
H thirty
I sixteen
J eleven

5. Complete the numbers with the missing letters

6. Complete with the missing numbers

7. Translate the birthdays into English

- a. El trece de abril
- b. El catorce de junio
- c. El cinco de mayo
- d. El veinte de marzo
- e. El siete de noviembre
- f. El nueve de enero

8. Match English and Spanish using the list of colours on the right for help

Verde 1	Gold
Naranja	Green 1
Negro	White
Oro	Yellow
Blanco	Orange
Amarillo	Blue
Rosa	Black
Azul	Pink
Marron	Red
Rojo	Brown
Argento	Purple
Morado	Silver

Los colores (=colours)

Verde = green

Rojo = red

Azul = blue

Naranja = orange

Blanco = white

Rosa = pink

Negro = black

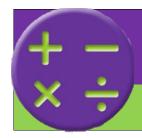
Amarillo = yellow

Marron = Brown

Oro = gold

Argento = silver

Morado = purple



MATHS



At Alderbrook, we believe that Maths is a vital life skill. Maths is complicated at point but is can be really fun! Hopefully you enjoy these tasks.

Can you solve the Maths challenges?

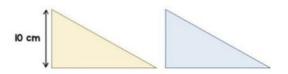
Connor has five times as much money as Jayden.

Connor gives some money to Jayden.

They now have £8.52 each.

How much did Connor have at the start?

Here are two triangles identical in size.

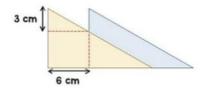


The two triangles are overlapped.

80 people take part in a race.

- The ratio of children to adults in the race is 2:3.
- The mean time for the adults is 2 minutes 15 seconds.
- The mean time for all 80 people is 3 minutes.

Find the mean time for the children.

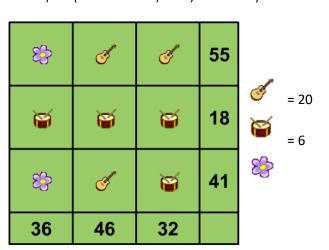


What is the area of the blue triangle showing?

Next challenge:

Each row and column adds up to the number at the end. Can you find what each picture is worth?

Example (not the only way to solve):



You try:

, .				
<i>i</i>	<i>i</i>	<i>i</i>	6	
\$	ď	ď	34	<u></u>
8	Ø	ď	22	⊗
14	18	30		

See how many of these you can answer in 10 minutes- type/ write your answer in the text box.

Question 1	Question 2	Question 3	Question 4
Write in figures : six thousand, four	Write in figures : One hundred and	List the factors of 30	List the factors of 20
tens and six units	twenty six thousand, nine tens and		
	three units		
	1 1 1 1 1		
Question 5	Question 6	Question 7	Question 8
Work out 306 × 1000 =	Work out 34 × 1000 =	Simplify $\frac{20}{70}$	Simplify $\frac{18}{63}$
		70	63
Question 9	0	Question 11	Question 12
	Question 10		
Find 75% of £720	Find 75% of £500	Round 6199 to the nearest 100	Round 2096 to the nearest 1000
Question 13	Question 14	Question 15	Question 16
Work out 77 × 9 =	Work out 397 × 6 =	Simplify 9x + 4x - 3x	Simplify 10a + 3b + 7a + 6b
Work out // ws =	Work out 337 W 0 =	Simplify SX : 4X SX	Simplify 10d : 35 : 7d : 05
Question 17	Question 18	Question 19	Question 20
Work out 37959 + 32050 =	Work out 24509 + 19451 =	Work out 5 × 2 + 2	Work out 5 × 4 + 3

Next- find the magical number using the clues!

1	2	3	4	5	6	7	8	9	10
Ľ									10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- 1) Find the number between 1 and 99
- 2) One of the digits is a 2
- 3) The number is a multiple of 3
- 4) It is more than 5 squared
- 5) The digital sum is 6 e.g. 33: 3+3= 6 15:1+5=6
- 6) It is less than 55
- 7) It is not a square number

FORM TIME AND ASSEMBLIES



At Alderbrook, you will be placed in a form group with around 24 other students from Year 7. Most days, your form will meet with your form tutor and at least once a week you will have an assembly with all of the students in your year.

One of the tasks in these times is for a register to be taken. However, form time is used for personal, social, health and careers education. We also try to respond and reflect on issues that feature in the news.

Assemblies are a chance for all the students in your year group to hear thoughts on 'big' issues such as equality and politics, but we also use assemblies to celebrate successes and to reward students.

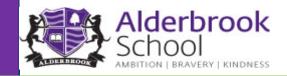
https://www.alderbrookschool.co.uk/assemblies/

Please follow the link above to look at some of the assemblies over the past few months.

Do you have any ideas for assembly themes? What would you like to learn about that you think won't be covered in lessons?			

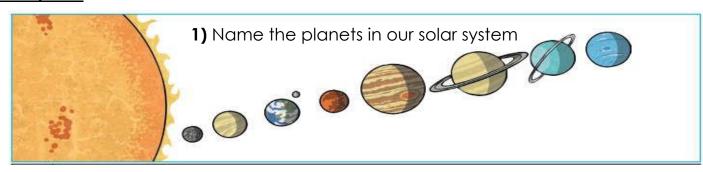


SCIENCE



Physics is one of the Sciences you will be studying at Alderbrook School. It ranges from looking at the planets, studying electric symbols to testing magnets. Have a go at some of the tasks below to see how much you know so far!

Solar System



star	Earth	planet	sphere	Moon
28 days	shape	Solar System	365 days	Sun

2) Complete the sentences below with the words from the box

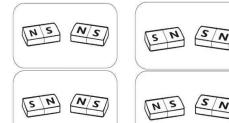
The Earth is a _	and takes around _		_to travel round the _	
The Sun is a	found at the centre of	our	The	takes
	_ to travel round the Earth	The	Sun and Mo	oon are roughly
the	of a .			

Magnets

1) Complete the sentences using the following words:

REPEL, NORTH, ATTRACT, SOUTH, PULL, PUSH, POLES

Magnets have two	One called the		
pole and	the other is the		
pole. When	opposite poles are		
near one another, they	together.		
This means the two poles	When two		
This means the two poles of the same poles are near			
of the same poles are near			



2) Which magnets in the pictures will repel one another?

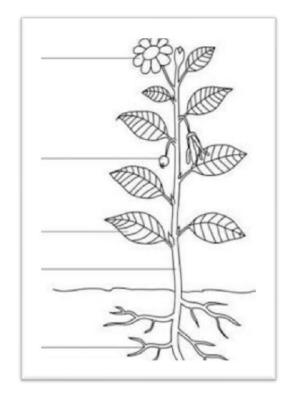
Electric Symbols

1) Draw a line from the name to the correct symbol

Cell	- ✓
Battery	_(V)_
Lamp	<u> </u>
Switch	_(A)
Voltmeter	
Ammeter	<u> </u>

Biology is the study of living things. You may not realise, but you already know a lot about Biology. Complete the tasks below to see how much!

1) Label the 5 parts of the plant below.

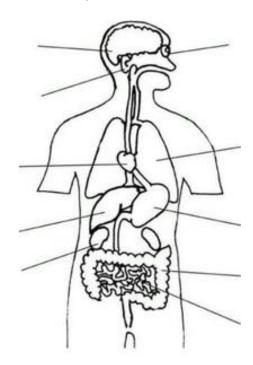


3) Use the code below to colour each organ (or label them):

<u>Eye</u>-light blue, <u>Ear</u>-orange, <u>Brain</u>-purple, <u>Lung</u>-blue, <u>Heart-</u>red, <u>Stomach</u>-yellow,

<u>Small intestine</u>-yellow, <u>Large intestine</u>-yellow, Liver-brown, Kidney-green.

CHALLENGE -Label their jobs in the body



2) Can you name 3 things that plants need to			
stay alive?	1.		
,			
2.	3.		

4) Draw a straight line to match the words and descriptions.
Colour the cold-blooded animals blue and the warm-
blooded animals red.

Diocada ariiri	310 10 31
Fish	Moist skin. Lives on land and in water.
Amphibian	Has fur or hair and does not lay eggs.
Reptile	Has scales, gills and fins.
Bird	Plants that have leaves all year.
Mammal	Dry scaly skin. Most live on land.
Deciduous	Has feathers and wings.
Evergreen	Cannot be seen with the naked eye.
Microbes	Loses its leaves in Winter.

6) We know that something is alive if it carries out the 7 Life Processes. What are they?

M R S G R E N

5) What is the difference between a carnivore, herbivore and omnivore?



GEOGRAPHY



Geography is a subject that is split into two parts...

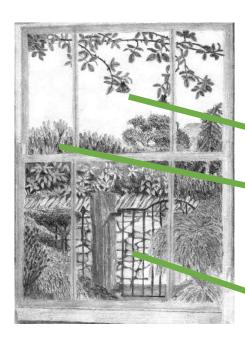
PHYSICAL GEOGRAPHY – studying the earth's NATURAL landforms and processes. Features include: mountains, rivers, oceans, volcanoes... in fact anything natural that humans haven't made.

HUMAN GEOGRAPHY – involves anything MAN-MADE studying where and how people live and how we interact with our environment. Features include: cities, airports, railways, farms, reservoirs... in fact anything humans have built or created.

Task:

Sketch the scene outside one of your windows (Or copy and paste pictures).

Now label each feature/thing that you have drawn with either Physical or Human.





TREE - PHYSICAL

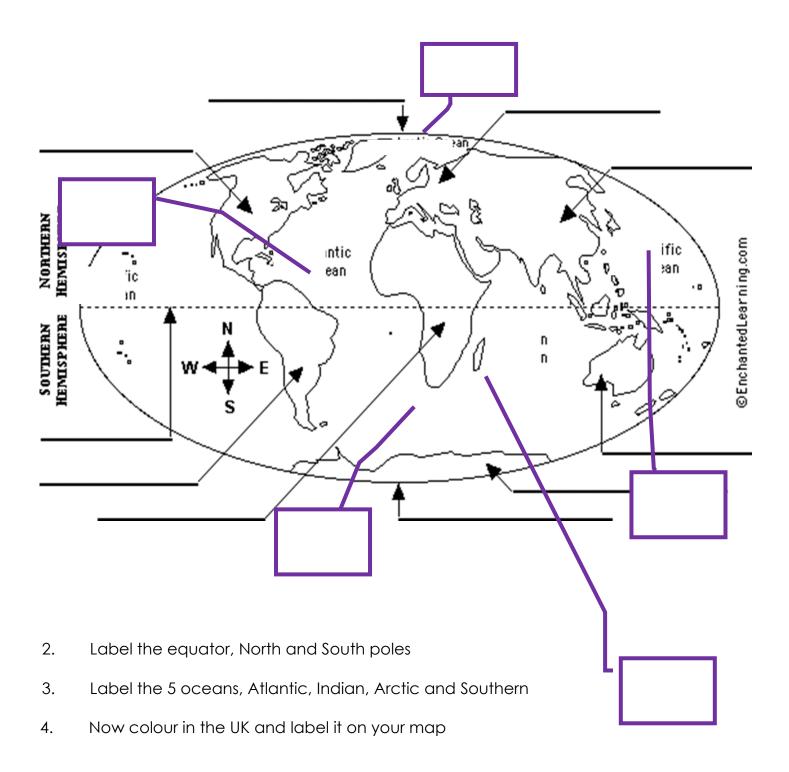
BUSHES - PHYSICAL

GATE - HUMAN

Geography is the study of the Earth's landscapes, people, places and environments and how all of these things interact.

Task: Let's find out where in the world the UK is by looking at the oceans, continents and other locations on Earth – use BBC Bitesize, googlemaps.co.uk or an atlas to help you.

1. Label the 7 continents – Asia, Africa, North America, South America, Europe, Oceania (Australasia) and Antarctica.





ENGLISH



Emotive language

Emotive language is the deliberate choice of words to make you **feel emotion** (usually to influence).

Task

Identify 4 emotive phrases in the advert below and explain why they are emotive.



E.g. the use of the phrase 'but we can't do it without your help' is emotive because the reader will feel the charity is desperate and is pleading for assistance to help the young girl in the advert.

Although all of the examples here have been creating a negative emotion, emotive language
can be used to create positive emotions as well.
It's only using words which make a reader feel something

Create a sentence about school where you are using **POSITIVE** emotions.

Writing task

Write a description of the scene below using **emotive language**.

You are going to have to think about what you want your reader to feel e.g. anger, disappointment, fear, horror etc.

Then choose words and phrases which make you feel those things (HINT: don't tell me it's dirty or messy, tell me it's revolting, disgusting, sickening).



*'Fishermen' on the river Citarum in Indonesia fishing for rubbish. This river is still used daily for washing, cooking etc.

Remember to:

- 1. Use paragraphs where necessary;
- 2. Check your spelling and punctuation; and
- 3. Use a wide range of adjectives.

<u>Challenge</u> – incorporate a one word sentence, two fronted adverbials, the five senses and the language from the word chart.

Sentence starters:

Haunting. The image in front of me is...

Earlier today, I witnessed the most astounding environment...

The most revolting smell hit my nostrils as I...

The sounds of the plastic hitting the boats made me feel...

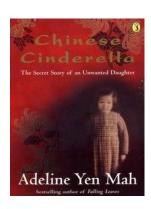
ADDITIONAL TASKS FOR NOW OR THE SUMMER HOLIDAYS



Reading

Pick a book you have read and provide three different alternative endings. You must write in the style and tone of the author, so it sounds convincing.

Read a book about another culture or world event and write a review about it. Great books within the is genre include Chinese Cinderella by Adeline Yen Mah, Refugee Boy by Benjamin Zephaniah, Private Peaceful by Michael Morpurgo, The Diary of Anne Frank, I am Malala by Malala Yousafzai.



Instructional writing

Watch (and do!) a Joe Wicks workout on YouTube. Once you have watched it, write out a set of instructions for each exercise for those children who don't have access to the internet, so they can do it at home. Use time imperative verbs (or bossy commands) to start your sentences Pull, Stretch, Move, etc and time connectives such as firstly, next, finally etc



Non-fiction writing

Pick one of the stories in Newsround to turn into a front page news story. Don't forget the conventions of newspapers are:

- A headline
- Write in short paragraphs
- The first paragraph has to state the who, what, where when of the story
- Include quotes from key witnesses/ experts
- Include a large central image
- Include subheadings
- Emotive/ dramatic language to grab the reader's attention

https://www.bbc.co.uk/newsround/news/watch_newsround



Broaden your vocabulary and understanding of the wider world!

Watch the daily edition of Newsround, then click on the worksheet to help you understand the main stories and any tricky words you didn't understand. After that, complete a quiz online to check you've understood what is happening in the world today:

https://www.bbc.co.uk/newsround/news/watch_newsround

<u>Art</u>

Create your very own hat out of paper with the help of one of our Art teachers. Click on the YouTube link to see her tutorial. https://youtu.be/HIbC13PJSgw

ABK Values project

Now that you are a member of Alderbrook School, find a creative way (e.g. Poster, PowerPoint, Diary entries) where you show how you have demonstrated the Alderbrook values (Ambition, Bravery and Kindness) over the lockdown period or over the Summer holidays.

HAVE A GOOD SUMMER AND WE LOOK FORWARD TO SEEING YOU SOON