



@fulstonfamily



# Fulston Manor School

Year 6 Transitions 2023

Student Booklet



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*everybody matters, everybody succeeds, everybody helps*

# Welcome

## to the Fulston Family...

*everybody matters, everybody succeeds, everybody helps*

We are delighted to welcome you as a new student of Fulston Manor School and to our Fulston Family.

We know that the transition to a new school can be a worrying time for you and your families, but we can assure you that there is nothing to worry about and our friendly staff and students cannot wait to meet you.

We hope you find the information and materials provided in this booklet helpful, however, should you have any questions, then please do not hesitate to let us know.

We hope your time at Fulston Manor will be both enjoyable and rewarding, and we look forward working with you to unlock your full potential, as we embark on this exciting next step in your learning journey, together.



## Mrs Franks

Assistant Headteacher  
(Transitions Coordinator)



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# School Uniform

- Black blazer with school badge.
- Scarlet or grey V-neck jumper (Optional).
- White shirt – short or long sleeved with house coloured tie.
- Grey school skirt in non-stretch fabric. Choice of two styles either: straight (with small back split or kick-pleat) or box pleat. Skirts must be knee length.
- Charcoal grey or black straight-legged tailored school trousers.
- Socks - plain white, grey or black. No trainer socks or logos.
- Tights – black (minimum 40 denier).
- Shoes should be black, plain and sensible. For obvious safety reasons, thin or higher heels are inappropriate. Shoes should be suitable for both indoor and outdoor use. Boots, trainers, canvas or other highly coloured shoes must not be worn in school.
- No make-up, acrylic nails, nail varnish or jewellery should be worn to school. Piercings will not be allowed.
- All extreme hairstyles are not permitted, including any unnatural colours.

## PE & Games Kit

- For PE – White sport polo shirt with house colour details.
- For Games – Black sport polo shirt with house colour details.
- ¾-zip mid-layer top.
- Sport leggings or tapered track pants.
- Sport shorts or sport skirts.
- Sport socks.
- All students should wear trainers for PE/Games.
- All students should have shin pads for Games.
- Football boots and gum shield should be purchased separately for games.



**All uniform, kit and equipment must be clearly named. We cannot be held responsible for items of clothing or property lost or damaged.**





# Term Dates 2023/24

## Term 1:

Start of term - Monday 4th September 2023 (Year 7-11)

Staff Training Day - Friday 29th September 2023 (school closed)

End of term - Friday 20th October 2023

## Term 2:

Start of term - Monday 30th October 2023

Staff Training Day - Monday 27th November 2023 (school closed)

End of term - Friday 15th December 2023

## Term 3:

Start of term - Wednesday 3rd January 2024

End of term - Friday 9th February 2024

## Term 4:

Start of term - Monday 19th February 2024

Staff Training Day - Thursday 28th March 2024 (school closed)

End of term - Thursday 28th March 2024

## Term 5:

Start of term - Monday 15th April 2024

Bank Holiday - Monday 6th May 2024 (school closed)

End of term - Friday 24th May 2024

## Term 6:

Start of term - Monday 3rd June 2024

End of term - Tuesday 23rd July 2023



Scan the QR code to view our full term dates and additional information.



# First Day Equipment Checklist

Starting a new school can be a daunting experience. Ensuring you have all the equipment you need is one small way of easing any anxieties about your first day.



Pencil Case



2b Pencils



Normal writing equipment



Maths Set



Reading Book



Colouring Pencils



Black Pen



School Planner  
(provided by us on the first day)

## Typical Weekly Menu

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>Main Choice</b>	<b>Main Choice</b>	<b>Main Choice</b>	<b>Main Choice</b>	<b>Main Choice</b>
Shepherds Pie £1.70 Chicken Jalfrezi and rice £2.50  Pasta King Medium £1.80 Pasta King Large £2.30	Mixed Grill £1.70 Chicken and Bacon Pasta Bake £1.70  Pasta King Medium £1.80 Pasta King Large £2.30	Roast Beef with Yorkshire pudding and gravy £1.70 Spaghetti Bolognaise £2.50  Pasta King Medium £1.80 Pasta King Large £2.30	Chicken Pie £1.70 BBQ Sausages £1.60  Pasta King Medium £1.80 Pasta King Large £2.30	Battered Cod £1.70 Lasagne £1.70  Pasta King Medium £1.80 Pasta King Large £2.30
<b>Potato Choice</b>	<b>Potato Choice</b>	<b>Potato Choice</b>	<b>Potato Choice</b>	<b>Potato Choice</b>
Mashed Potato 60p	Chips 70p	Roast potatoes 60p	Potato Wedges 60p	Chips 70p
<b>Vegetable Choice</b>	<b>Vegetable Choice</b>	<b>Vegetable Choice</b>	<b>Vegetable Choice</b>	<b>Vegetable Choice</b>
Baked beans 50p Vegetables of the day 50p	Baked beans 50p Vegetables of the day 50p	Baked beans 50p Vegetables of the day 50p	Baked beans 50p Vegetables of the day 50p	Baked beans 50p Vegetables of the day 50p
Iced Buns 70p Biscuits 70p Fruit salad 70p	Iced Buns 70p Flapjack 70p Fruit salad 70p	Iced Buns 70p Lemon Drizzle cake 70p Fruit salad 70p	Iced Buns 70p Marmalade cake 70p Fruit salad 70p	Iced Buns 70p Fudge cake 70p Fruit salad 70p
Baguettes from £2.40 Sandwiches from £1.90 Wraps from £2.50 Soft Rolls from £1.80	Baguettes from £2.40 Sandwiches from £1.90 Wraps from £2.50 Soft Rolls from £1.80	Baguettes from £2.40 Sandwiches from £1.90 Wraps from £2.50 Soft Rolls from £1.80	Baguettes from £2.40 Sandwiches from £1.90 Wraps from £2.50 Soft Rolls from £1.80	Baguettes from £2.40 Sandwiches from £1.90 Wraps from £2.50 Soft Rolls from £1.80

## Breakfast Club

Breakfast club is open each morning from 8-8.30am in Hales (Hales and Cromer students) and Stanhope (Stanhope and Morrison students).

Breakfast Muffins - £1.20  
Bacon Baguette - £1.40  
Bacon Sandwich - £1.20  
Toast (slice) - 30p

## Fresh Sandwiches

Freshly made sandwiches, baguettes, wraps and soft rolls are available each day at break and lunchtime.

Sandwiches - from £1.90  
Soft Rolls - from £1.80  
Wraps - from £2.50  
Baguettes - from £2.40

# Our School Day

You should be at school by 8.40am each day and our house areas will be open to collect all the things you need for the day of learning ahead. Breakfast will be served in Hales and Stanhope, between 8-8.30am.

Our school day begins at 8.45am with a daily tutor period.



<b>Breakfast Club</b>	<b>8 - 8.30am</b>
Students in school and ready for the start of the day	<b>8.40am</b>
<b>Tutor/Assembly</b>	<b>8.45 - 9.10am</b>
<b>Lesson 1</b>	<b>9.10 - 10.10am</b>
<b>Lesson 2</b>	<b>10.10 - 11.10am</b>
Break	<b>11.10 - 11.30am</b>
<b>Lesson 3</b>	<b>11.30am - 12.30pm</b>
<b>Lesson 4</b>	<b>12.30 - 1.30pm</b>
Lunch	<b>1.30 - 2.05pm</b>
<b>Lesson 5</b>	<b>2.05 - 3.10pm</b>
Extra-Curricular Clubs and Activities	<b>3.10 - 4pm</b>

Following our tutorial period each morning, you will have five sixty-minute lessons each day. Here is an example of a Year 7 timetable:

<b>Week A</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Monday</b>	French	English	Geography	Mathematics	History
<b>Tuesday</b>	Science	History	DT	French	FD/TX
<b>Wednesday</b>	English	Art	Mathematics	Geography	Citizenship
<b>Thursday</b>	RS	Performing Arts	PE	Computing	Science
<b>Friday</b>	Mathematics	Science	PDC	English	Games

<b>Week B</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Monday</b>	French	English	Geography	History	Mathematics
<b>Tuesday</b>	Science	Computing	DT	PE	FD/TX
<b>Wednesday</b>	English	Art	Mathematics	Performing Arts	Geography
<b>Thursday</b>	RS	Science	French	Computing	Art
<b>Friday</b>	Mathematics	History	Games	English	Science







# Home Learning Workbook

August 2023



# August 31-Day Challenge...

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Look up at the sky. Remember we are all part of something bigger	2 Use 3D materials to create either a bug hotel for the garden or a desk tidy.	3 Reflection: What do you want to start doing? Stop doing?	4 Create a mind map of the reasons why you chose Fulston Manor School.	5 Have a device free day and enjoy the space.	6 Research the Fulston Manor School website and make a list of the different subject areas.
7 Write a letter to your Year 6 Teacher or Headteacher about your time at Primary School.	8 Go for a walk and take photos of things that you don't normally notice. Create a montage.	9 Identify three subjects you are looking forward to studying at Fulston Manor School.	10 Find three positive articles or pictures that make you smile. Share them with your friends and family.	11 Make a quiz "getting to know me" and play it with family and friends.	12 Research what uniform you will need for Fulston Manor School. Create a model of what a student should wear every day.	13 Complete a Joe Wicks workout or create one of your own.
14 Cook a healthy meal for your family.	15 Go on a virtual museum tour, then create an advertising poster promoting the best part of the tour.	16 Have a board game championship with family.	17 Create a painting or drawing of yourself or a pet in isolation.	18 Pick a country to research, learn to say a basic phrase, play a game from that country or listen to music from that country.	19 Recall three things you have achieved that you are proud of.	20 Set yourself a kindness mission. Give your time to help other family members
21 Literacy is important, take time out of your day to read a book that stimulates your imagination.	22 Share an inspiring quote with others to give them a boost	23 Challenge yourself to learn the Capital Cities of the world.	24 Use your knowledge of History and make a fort in your bedroom or garden	25 Write a morning and evening routine for you to follow when you return to school.	26 Write a story about your time in lockdown. Try to include inspirational stories from around the UK.	27 Research how you will travel to Fulston Manor School in September, what route will you need to take.
28 Make a list of equipment you will need for Secondary School.	29 List the qualities and skills you need to be a good citizen.	30 Take someone from your household on a walk that you have planned.	31 Learn to play/sing a new song. Use online tutorials to help.			

Here is a little challenge for you...

See if you can complete our daily challenge every day throughout August.

# All About Me

Draw a self portrait here.

Name:

Birthday:

My primary school:

Eye colour:

Hair colour:

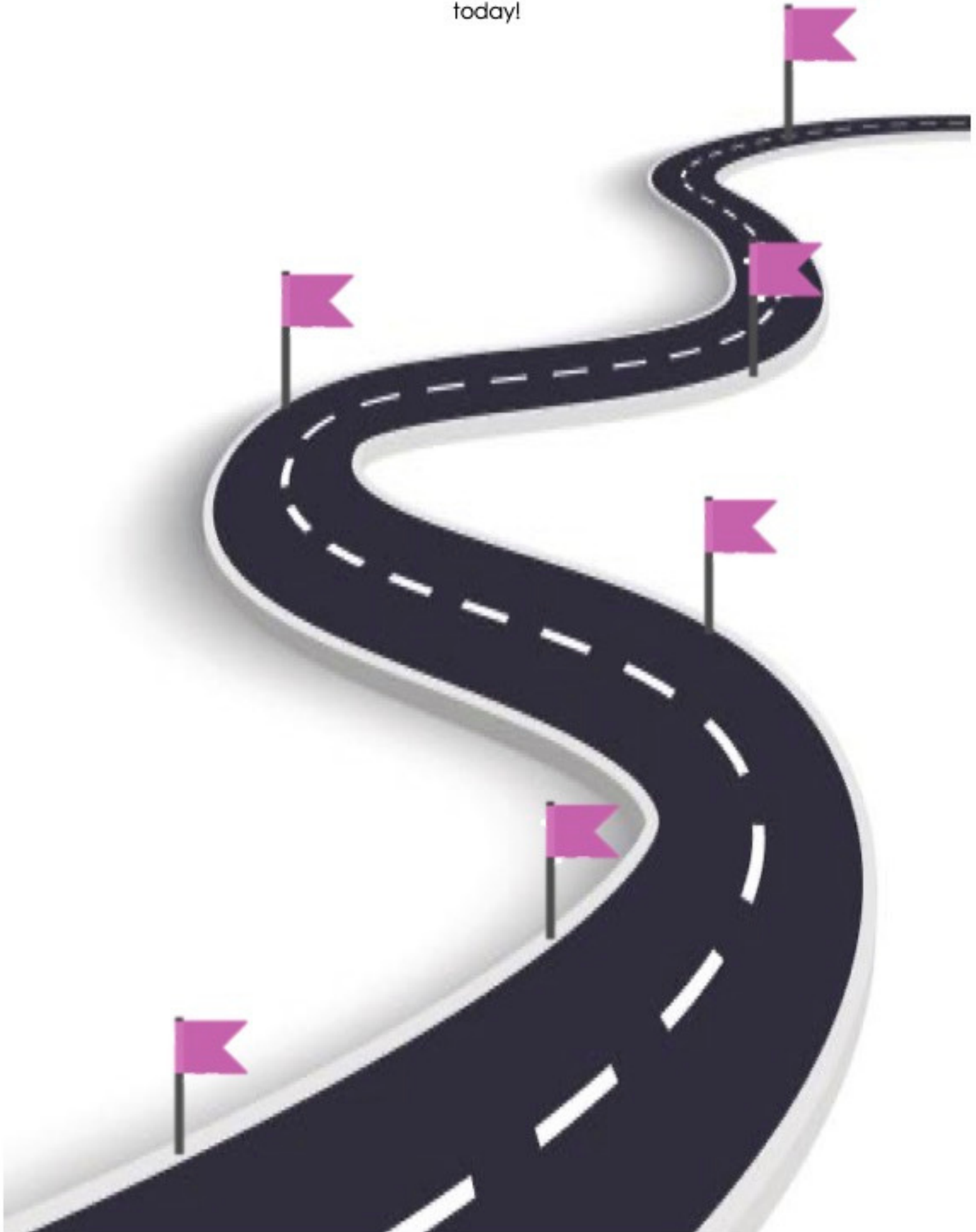
Height:

<b>Favourite colour</b>	
<b>Favourite animal</b>	
<b>If I could have a superpower, I'd....</b>	
<b>Favourite school subject</b>	
<b>Best place I've ever been to...</b>	
<b>Dream country to visit...</b>	
<b>If I could travel back in time, I'd go to...</b>	
<b>My dream job is...</b>	



# My Journey so far

Life is a journey! Think back through primary school and write down your favourite memories or events that have shaped you to become the amazing person you are today!



# My New Secondary School

Full Name of the School:	
School address:	
School telephone number:	
Name of the Headteacher:	
School starts at:	
School finishes at:	
I will get to school by:	
How long will it take you to get to school?	
What time will you have to leave home?	

*Add 10 words around the image below to describe your new school .*



# Moving to Your New School

List 4 things you are most excited about moving to Fulston Manor School

- 1.
- 2.
- 3.
- 4.

List 4 things you are a little worried/nervous about

- 1.
- 2.
- 3.
- 4.

List 4 things you would like to know about Fulston Manor

- 1.
- 2.
- 3.
- 4.

List 4 things that will help you when moving to Fulston Manor

- 1.
- 2.
- 3.
- 4.

List 4 differences between your primary school and Fulston Manor

- 1.
- 2.
- 3.
- 4.



# Subjects at Your New School

Find the subjects below in the Word search – they are vertical, horizontal and diagonal!

R	B	S	J	P	S	M	Z	F	E	N	I	V	Z	W	R	M
O	W	V	E	F	U	X	G	C	J	C	G	W	E	C	F	A
T	D	W	R	L	R	X	N	I	W	K	Y	T	B	G	G	T
U	B	Q	D	G	I	E	H	I	S	T	O	R	Y	E	S	H
T	U	P	O	M	I	T	N	E	V	O	O	N	O	Q	O	S
R	K	X	U	C	M	C	X	C	A	V	I	G	C	C	R	A
O	L	S	S	T	J	I	V	E	H	R	R	W	C	Z	L	W
V	I	W	S	O	K	T	J	W	T	A	T	H	R	K	O	J
C	E	N	W	G	D	I	Q	K	P	L	M	J	H	N	C	H
G	T	C	D	H	P	Z	G	H	F	R	N	T	F	J	N	S
L	F	O	N	I	D	E	Y	Q	X	U	M	O	E	J	B	I
V	O	X	S	A	U	N	R	M	Y	T	I	M	E	J	M	L
F	Z	A	T	P	D	S	G	N	I	T	U	P	M	O	C	G
P	I	P	C	P	E	H	A	M	A	R	D	T	O	K	H	N
A	L	C	O	I	J	I	Y	H	Q	B	H	L	Z	A	T	E
D	Q	Y	Q	R	R	P	C	N	K	V	Z	C	E	I	J	L
V	I	L	I	G	I	G	V	B	Y	M	J	I	Y	G	P	W

Maths  
English  
Science  
Geography  
History  
Art  
Music  
PE  
Drama

Dance  
Textiles  
Food  
Computing  
Citizenship  
French  
Tutor Time

# Subjects at Your New School

Match up the subject to the correct icon



Maths

English

Science

Geography

History

Art

Music

PE

Drama

Dance

Textiles

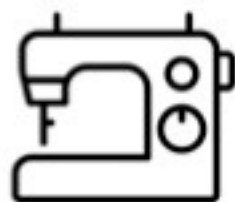
Food

Computing

Citizenship

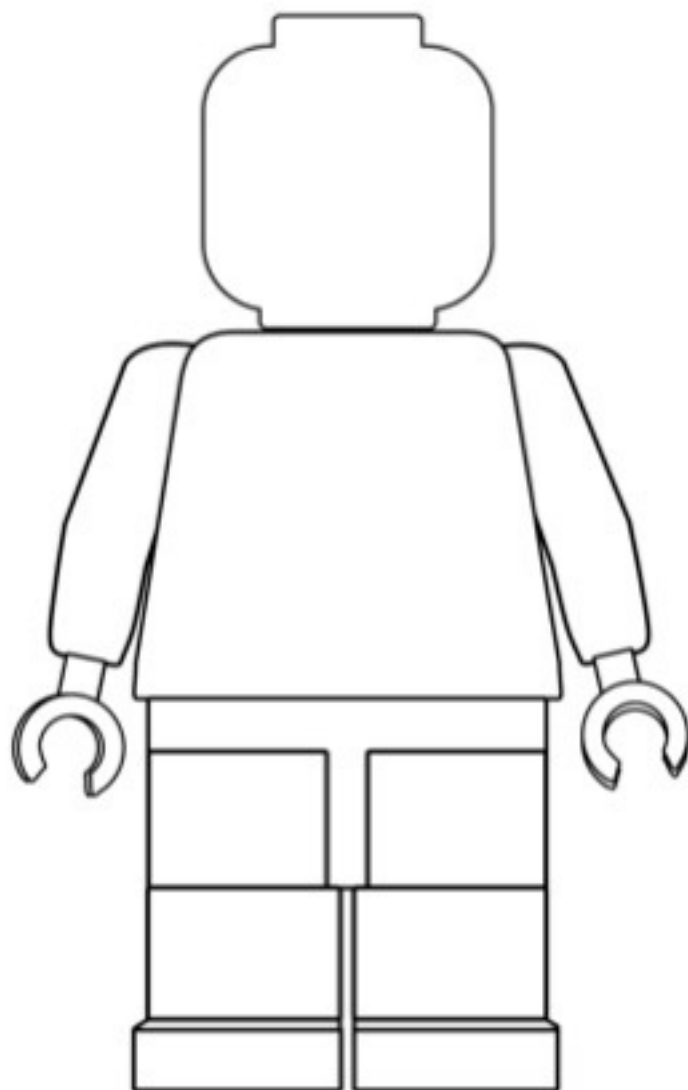
French

Tutor Time



# Looking Smart at Secondary School

One of the different things about moving to secondary school is the change in what you will wear. At Fulston Manor we pride ourselves in looking smart and professional at all times. Use the school website or the information which has been sent home to draw and label the school uniform you will wear onto the Lego figure.



Why is wearing the correct school uniform important?

.....

.....

.....

.....

.....

.....



# Getting to Secondary School

Getting to Fulston Manor safely is just as important as being there. In the box below, draw the route you are going to take to school (whether that's walking, cycling, driving or by bus). Identify spots where there could be hazards (e.g. busy roads) and explain how you will manage this safely!

# Expectations

Our school motto is "**Everybody Matters, Everybody Succeeds, Everybody Helps**". Our motto applies to the way we choose to conduct ourselves, the way that we behave towards other people, and the way that we behave in our lessons.

They are expectations, because we are expected to behave in this way; it is not a choice. The expectation that we have is that we all behave in a way that means that we are calm, collected and respectful towards one another, and that we arrive for our lessons punctual and prepared.

*"Everybody Matters, Everybody Succeeds, Everybody Helps"*

**Match the correct description to each part of our school motto.**

Turning up on time to lessons

Working successfully as part of a team

Being respectful of other people's beliefs

Having your shirt tucked in neatly

Contributing to lessons

High level of respect shown to all

Saying good morning to people as you pass

Supporting others

Holding the door open for a teacher

Having a pen, pencil and ruler in lesson

Consistent punctuality over the whole year

Helping with Breakfast Club

Turning up on time to lessons

Acting as an ambassador role

Going above and beyond with your work

Staying calm if something goes wrong

Being respectful to other staff and students

Sitting with someone who is alone at lunch

Apologising if you have done something hurtful

Turning up on time to lessons

Discussing issues with a teacher rather

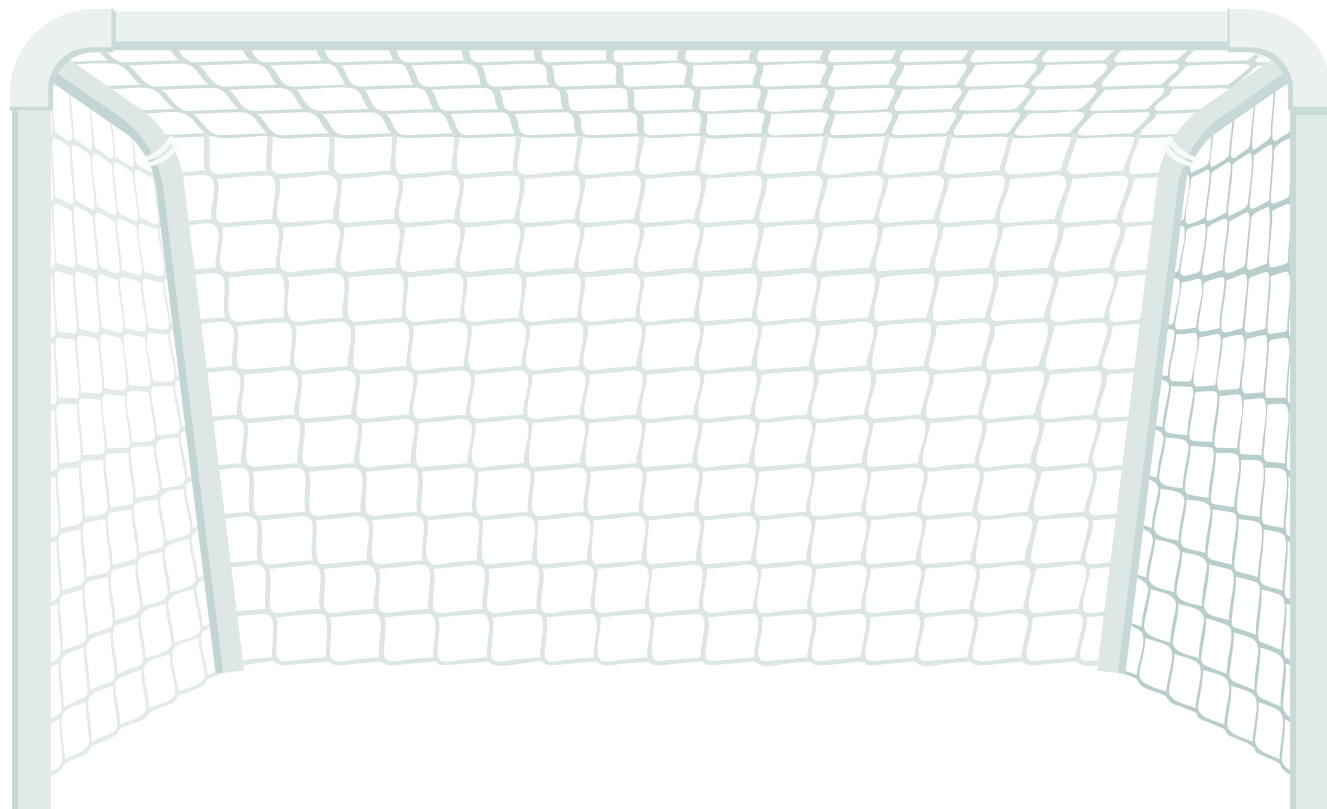
Remembering your homework

Giving someone a compliment

Asking for help when needed

# My Goals for Secondary School

When you arrive at Fulston Manor, you will learn a huge number of new skills, and improve skills you have practiced in primary school. In the goal below, use the list to write in 10 new skills or things you'd like to build on in your years at Fulston Manor School.



Be in a school play or production	Speak another language	Represent your school in a national competition
Learn to play a musical instrument	Volunteer in the local community	Travel to another country
Play for a school team	Learn how to survive in the wild	Take care of the school garden
Learn how to manage money	Taste food from another country	Walk the school dog
Cook a new meal from scratch	Read new books	Take part in a fancy dress day
Create a piece of art	Raise money for charity	Become Head Boy or Girl
Learn how to read a map	Join an after school club	Learn to dance
Use computers to create your own website	Learn First Aid	Improve your singing
Make new friends from other schools	Work as part of a team	Try camping

# Beyond Secondary School

After Fulston Manor School, you can move onto college or an apprenticeship and then to university or into a job! It's normal not to know what you want to do yet but this is a chance for you to have a think about your dream jobs!

<p><b>Job:</b></p> <p><b>Key Skills:</b></p> <p><b>Subjects to Study:</b></p>	<p>Icons to represent that job:</p>
<p><b>Job:</b></p> <p><b>Key Skills:</b></p> <p><b>Subjects to Study:</b></p>	<p>Icons to represent that job:</p>
<p><b>Job:</b></p> <p><b>Key Skills:</b></p> <p><b>Subjects to Study:</b></p>	<p>Icons to represent that job:</p>



# Transitions Reading List

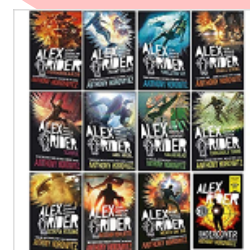


Here are a selection of books you might want to get stuck into over the next few weeks and on the run up to starting at Fulston Manor in September.

Reading can help you escape to new places, builds imagination, develops your vocabulary and helps ease stress. so let's get reading and see where you end up...

## The Alex Rider Series by Anthony Horowitz

Alex Rider is a series of spy novels by Anthony Horowitz about a teenage spy named Alex Rider. The series is aimed primarily at teens and young adults. The series comprises eleven novels, as well as six graphic novels, seven short stories, and a supplementary book.



## A heart-warming and inspiring story about family, love and forgiveness. September 2019 Book of the Month



Amara knows exactly what she wants for her 12th birthday: to visit her father's family in New York. She understands it will be very different to Beavertown, Oregon, the small town she's grown up in, but can't wait to explore the big city and get to know her family properly. The trip is eye-opening in lots of ways as she learns more about her father and his childhood, about her family, and even her own history. Renée Watson shows us that families are complicated, that it's never too late to change or make amends, and that we can all carry on learning even as we grow up. Quiet, though full of drama, and skilfully told, this is a touching and thought-provoking story with well-drawn, engaging characters; a book that will make a real impact on its reader.

## War Horse by Michael Morpurgo

Set before and during World War I, it tells of the journey of Joey, a bay Thoroughbred horse raised by British teenager Albert (Irvine), as he is bought by the British Army, leading him to encounter numerous individuals and owners throughout Europe, all the while experiencing the tragedies of the war happening around him.



## Skellig by David Almond



Unhappy about his baby sister's illness and the chaos of moving into a dilapidated old house, Michael retreats to the garage and finds a mysterious stranger who is something like a bird and something like an angel.



### The Goldfish Boys by Lisa Thompson

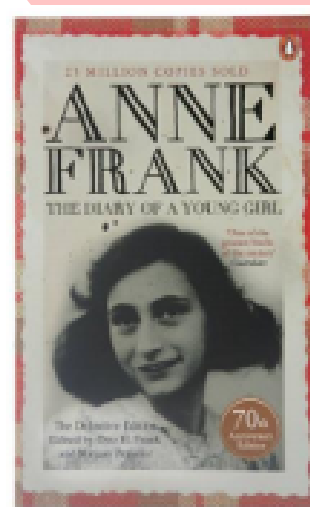
2-year-old Matthew Corbin hasn't been to school for weeks. He passes much of his time observing the goings-on of the local neighbourhood from his bedroom window. He even makes little notes about neighbours' movements. Their everyday activity is nothing out of the ordinary - chatting, gardening, jogging, and going off to work or the shops.

Until, that is, a toddler goes missing, and Matthew realises he may be one of the few people who can help shed some light on the disappearance. However, Matthew has Obsessive Compulsive Disorder, and everyday life has become increasingly challenging. Can he possibly play a major role in an investigation into the abduction of a child, perhaps without even leaving his house?

### The Diary of a Young Girl by Anne Frank

Discovered in the attic in which she spent the last years of her life, Anne Frank's remarkable diary has become a world classic—a powerful reminder of the horrors of war and an eloquent testament to the human spirit.

In 1942, with the Nazis occupying Holland, a thirteen-year-old Jewish girl and her family fled their home in Amsterdam and went into hiding. For the next two years, until their whereabouts were betrayed to the Gestapo, the Franks and another family lived cloistered in the "Secret Annexe" of an old office building. Cut off from the outside world, they faced hunger, boredom, the constant cruelties of living in confined quarters, and the ever-present threat of discovery and death. In her diary Anne Frank recorded vivid impressions of her experiences during this period. By turns thoughtful, moving, and surprisingly humorous, her account offers a fascinating commentary on human courage and frailty and a compelling self-portrait of a sensitive and spirited young woman whose promise was tragically cut short.



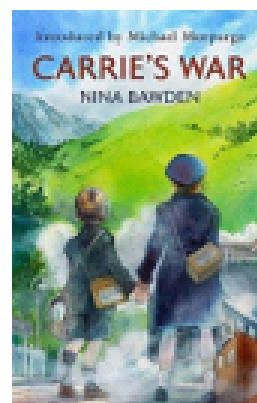
### Goodnight Mister Tom by Michelle Magorian

Willie Beech is evacuated to a tiny English village in the country just before the outbreak of World War II. A lonely and deprived child, he finds himself living with the reclusive, gruff old widower, Thomas Oakley. Although the two find it hard to adjust to their life together at first, they gradually develop a strong, mutual bond.

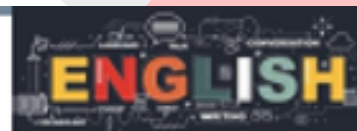
Willie begins to enjoy life and make new friends in the village. However, everything is thrown into confusion when Willie is suddenly recalled to London by his neglectful and abusive mother. After several weeks with no letter from Willie, Tom Oakley becomes concerned for his welfare and sets out to London in search of him.

### Carrie's War by Nina Bawden

Albert, Carrie and young Nick are war-time evacuees whose lives get so tangled up with the people they've come to live among that the war and their real families seem to belong to another world. Carrie and Nick are billeted in Wales with old Mr Evans, who is so mean and cold, and his timid mouse of a sister, Lou, who suddenly starts having secrets. Their friend Albert is luckier, living in Druid's Bottom with warm-hearted Hepzibah Green and the strange Mister Johnny, who can talk to animals but not to human beings. Carrie and Nick visit him there whenever they can for Hepzibah makes life exciting and enticing with her stories and delicious cooking. Gradually they begin to feel more at ease in their war-time home, but then, in trying to heal the rift between Mr Evans and his estranged sister, and save Druid's Bottom, Carrie does a terrible thing which is to haunt her for years to come.



Answer the questions below on the next page!



This extract is taken from 'The Book of Dust – Volume one – La Belle Sauvage' by Philip Pullman

All characters in this novel have a daemon who is an animal representation of themselves. In this extract, a man called Coram van Texel and his daemon, Sophie (who is



a cat with 'fur of a thousand beautiful autumnal colours') are followed by a stranger. This passage tells the story of that encounter. To get to the boarding house they'd have to cross a little iron footbridge that spanned the river, but Coram didn't go that way. Instead, when Sophie said 'Now,' he turned away from the river and walked swiftly across the road and into an alley between two stone-fronted buildings that might have been banks or government offices. He had noticed this alley before, when he was coming along the river towards the university – a quick glance, an almost automatic registering of possibility – and he'd seen it that it was open at the other end. He wouldn't get trapped here, but he might ambush whoever was following him. As soon as he was in the shadows he ran on soft feet for the large rubbish bins halfway down, almost invisible in the darkness on the right-hand side.

Sophie waited till he had the stick ready before leaping up to his shoulder, and then, after delicately testing the top of the nearest dustbin in case it was loose, she climbed up there and flattened herself, watching the entrance to the alley with her cat-eyes wide.

What happened next would depend on how skilfully the other man's daemon could fight. They had once over-powered a Tartar and his wolf-daemon, when they were younger, and Sophie was afraid of noting, and swift and very strong; in a fight to the death, the great taboo against touching another person's daemon didn't count for much.

But this daemon...Sophie whispered, 'There.'

Coram turned, careful and slow, and saw the silhouette against the lighted embankment the small head and hulking shoulders of a hyena. She was looking directly at them. She was a brute such as Coram had never seen: malice in every line of her body, jaws that could crack bones as if they were made of pastry.

#### Questions:

1. Which way would Coram normally go to travel to the boarding house?
2. Why does Coram go down the alleyway?
3. How does Coram move once he is in the alleyway?
4. What does Sophie, Coram's Daemon, do once they are in the alley? Why?

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





# Getting Ready for KS3 Maths

Using the following digit cards write down:

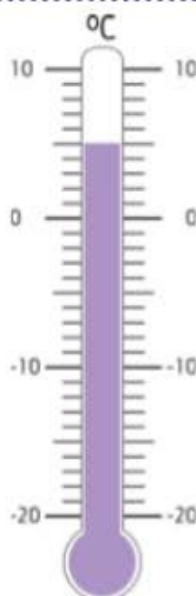
8 3 5 6 9

1. The largest five-digit number.
2. A three-digit number which has a tens digit that is double the hundreds digit.
3. A 5-digit number that rounds to sixty thousand.
4. A 4-digit number that rounds to five thousand.
5. A number that rounds to one hundred thousand.
6. All the numbers round to ninety.
7. The smallest 3-digit number where the hundreds digit is treble the units digit.

Answer


Write down the temperatures indicated on the thermometers below.

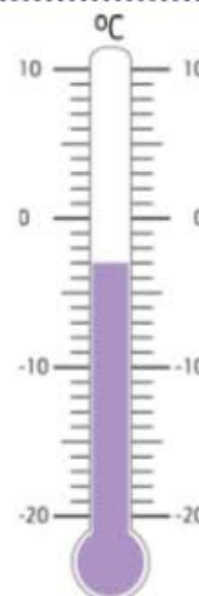
a. ....



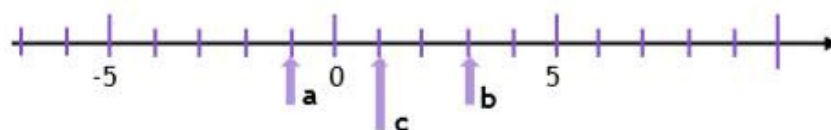
b. ....



c. ....



On the diagram, we can see that **c** is *halfway* between points **a** and **b**. It is worth 1.



Find the number that is **halfway** between the following pairs of numbers:

- a. -2 and 6      .....
- b. -6 and 2      .....
- c. -3 and 9      .....
- d. -10 and -4      .....
- e. Find the number halfway between -24 and 36 and explain how you found it.

Here is a list of numbers

3    13    16    29    36    48

Choose any number from this list that is a:

- a. Prime number      .....
- b. Multiple of 9      .....
- c. Factor of 52      .....
- d. Common multiple of two other numbers in the list?      .....

Write down all the factors of:

a. 10

.....

b. 18

.....

c. 36

.....

Write down the first four multiples of:

- a. 8 .....      .....      .....
- b. 9 .....      .....      .....
- c. 12 .....      .....      .....
- d. Write down any number that is a multiple of both 9 and 12.  
 .....      .....


A waiter and a waitress earned tips during a day while working in a restaurant. The waiter received £28 and the waitress received £37. They agree to share the tips. How much will they both get?

..... 

I bought 3 pears at 49p each and 2 drinks at £1.14 each.  
How much did I spend altogether?  
What change would I get by paying for the items with a £5 note?

..... 

A farmer had 370 eggs. 18 smashed so he put the rest into boxes of 15. How many boxes did he use?

..... boxes 

Rose bushes cost £12.95 each. If you buy three rose bushes, you pay £30. How much money do you save through this offer?


..... 

Jules has read 197 pages of a 648 page book. How many pages must he read until he reaches the middle of the book?

..... 



Stuart saves £283.57 every year. How much money does Stuart save over four years?

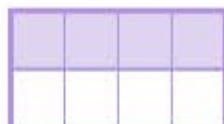
..... 

Karen bought seven cans of dog food for £1.99 each and four tins of cat food for £1.38 each. What was the total amount she spent?

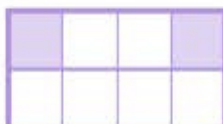
..... 

Look at the diagrams below. Write down the percentage the shading represents in each diagram.

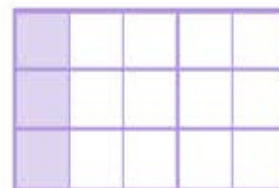
a. .... %



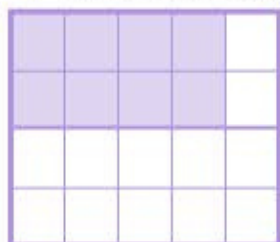
b. .... %



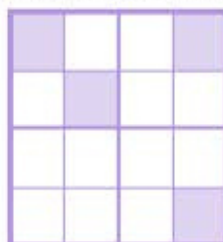
c. .... %



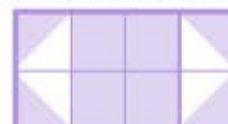
d. .... %



e. .... %



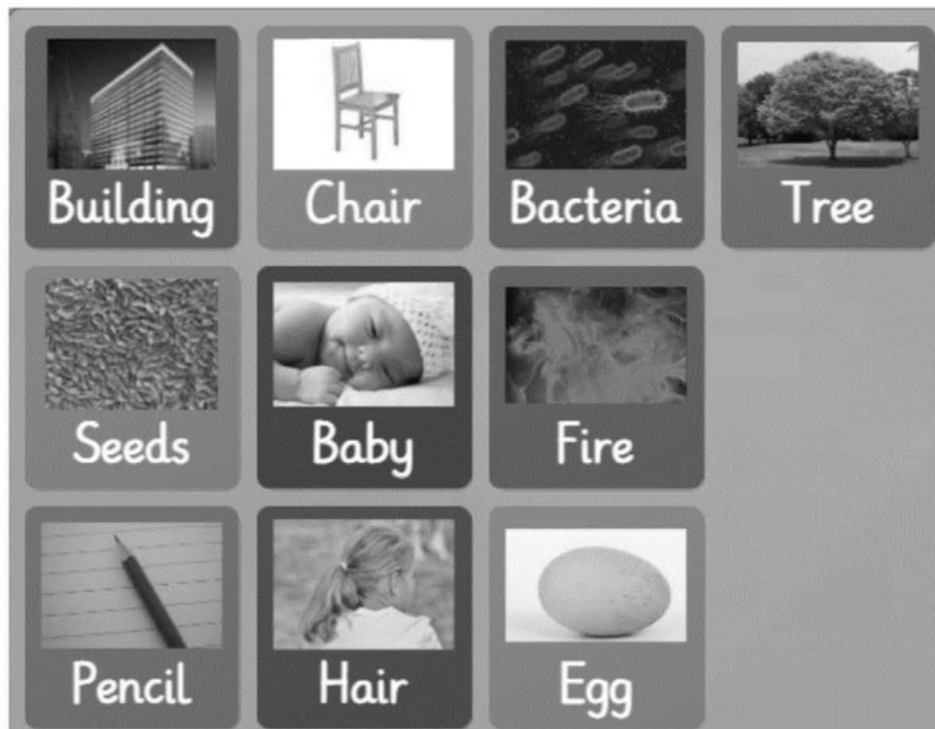
f. .... %



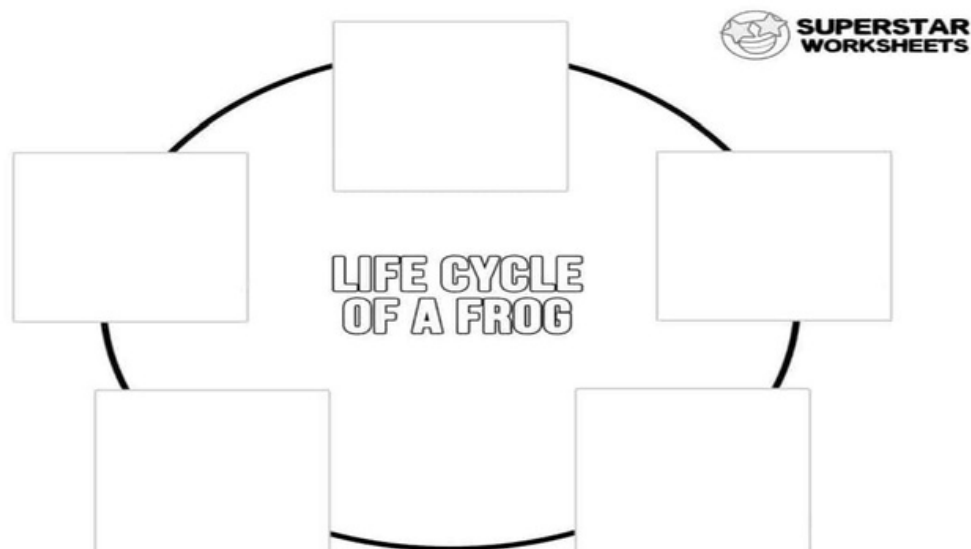
# Getting ready for KS3 Biology



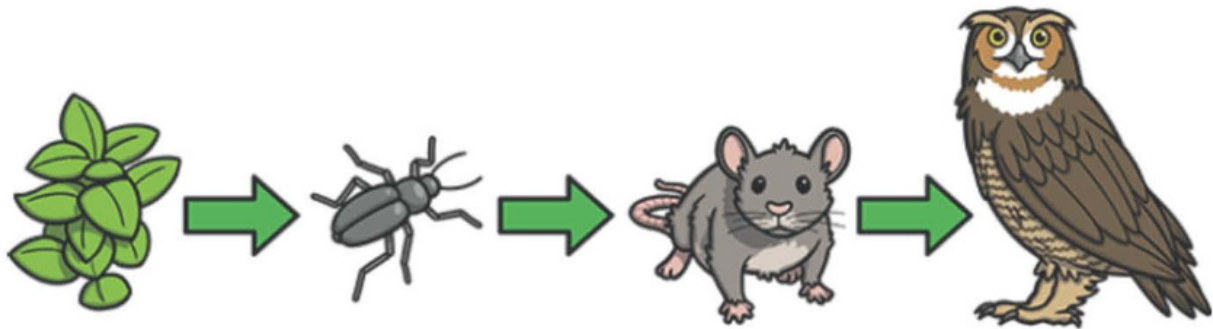
1. For biology, you will need to remember that there are 3 types of objects: **Living things** that we call living organisms, **Dead things** that were once living but not anymore, and **Non-living things** that were never alive. Look at the objects below and class them as living, dead or non-living.



2. You will also need to remember about life cycles, and that reproduction is part of these life cycles. Draw the life cycle for a frog below, and make sure to label where on the cycle reproduction is taking place.



3. You will also need to remember that living things eat other living things to survive. We can sometimes show this with a food chain. Look at the food chain below and answer the questions.



- The plant doesn't eat food. Where does the plant get its energy from?
  - Why are the arrows pointing towards the organism that is eating, rather than the organism being eaten?
  - Who is the producer, who are the consumers, and who is the top predator?
  - What might happen to the number of owls if the number of mice decreases?
4. In science, you will need to be able to make **observations** on a organism's **structure**, and explain how this helps it perform a **function**.

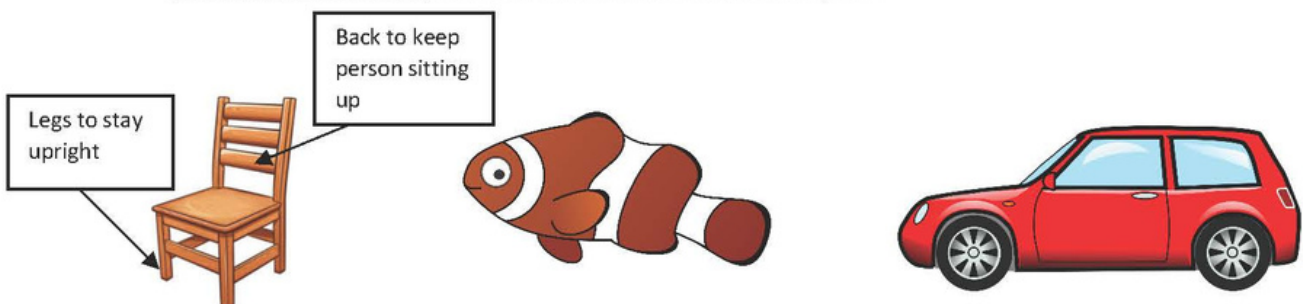
- a. Find the definitions of these three words:

observation: \_\_\_\_\_

Structure: \_\_\_\_\_

Function: \_\_\_\_\_

- b. Look at these 5 objects. Decide the function of the object, and how the structure helps it complete its function. The first one has been done for you.

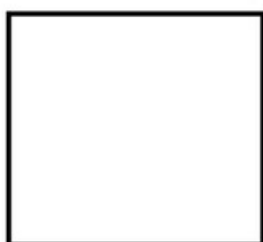


# Getting ready for KS3 Chemistry



1. In Chemistry, you will need to remember that there are 3 states of matter: solid, liquid and gas. In the boxes below, draw the particle model diagrams for these 3 states of matter.

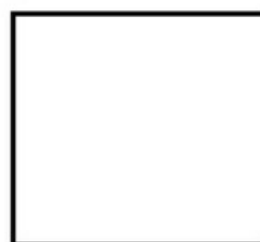
Draw the **particles** in each state of matter.



**Solid**



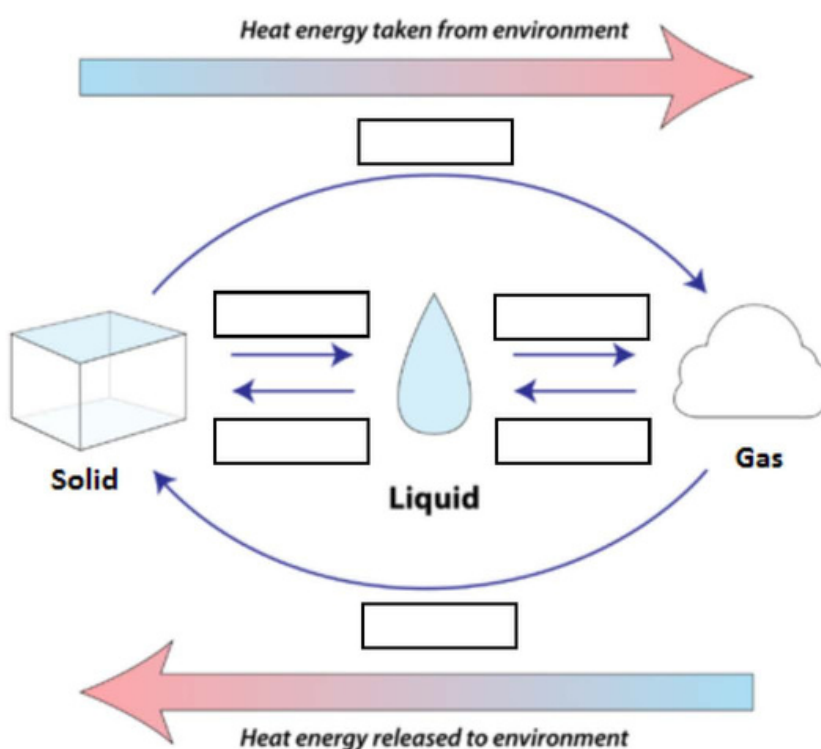
**Liquid**



**Gas**

2. You will also need to remember that objects can change state when they are heated and cooled. These changes have names, like boiling, melting or freezing. Fill in the parts of this diagram to show the names of the changes of state, using the key words.

KEY WORDS: **Condensation, Deposition, Evaporation, Freezing, Melting, Sublimation**





3. You will need to when changes that happen to substances are **reversible** or **non-reversible**. Non-reversible changes are often called **Chemical Changes**. Look at the changes below and determine if they are reversible or non-reversible changes.



Cooking an egg:



Burning wood:



Ice cream melting:



Putting sugar in tea:

4. In science, you will often need to collect data in a table. After collecting data, you will need to make **conclusions** based on that data.

Imagine an experiment, where you are testing the question: "How does the amount of water affect how fast the water will boil?" Look at the table of results below and then choose the correct words in the sentences below.

Volume of water in mL	Time taken to boil in seconds
50	82
100	145
150	199
200	279
250	340

As the volume of water increases, the time taken to boil the water **increases/decreases**.

The volume that boiled the fastest was **50mL/250mL**.

This happened because there were **more/less** particles to heat up.

Liquids boil when they are **gaining/losing** energy.

# Getting ready for KS3 Physics



1. In Physics, you will need to be able to remember that **Forces occur when objects contact each other**. The greater the force of contact, the greater the effect of the force. Look at these situations below, rank them from 1-5 from the least force to the most force.



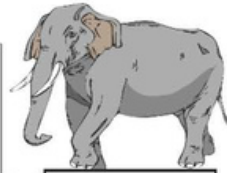
Kicking a ball



A car crash



Patting a dog

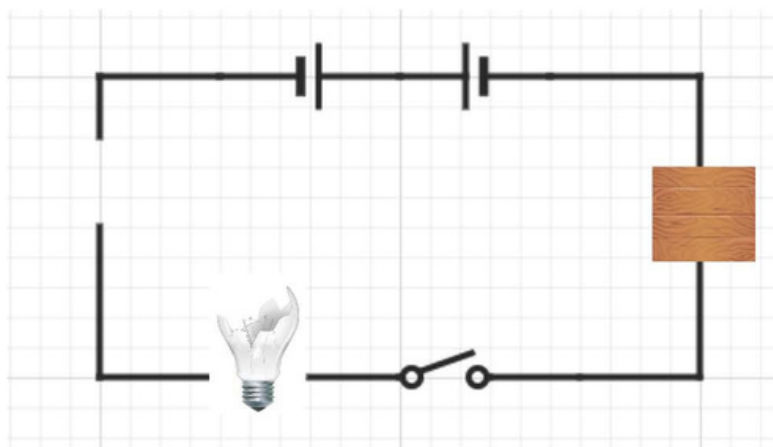


An elephant stomping



A wrecking ball

2. You will also need to remember that **Electricity flows in a complete circuit** and that **the number of batteries in a circuit affects the output of the circuit**. Find and write about all of the reasons why the circuit below will not work.

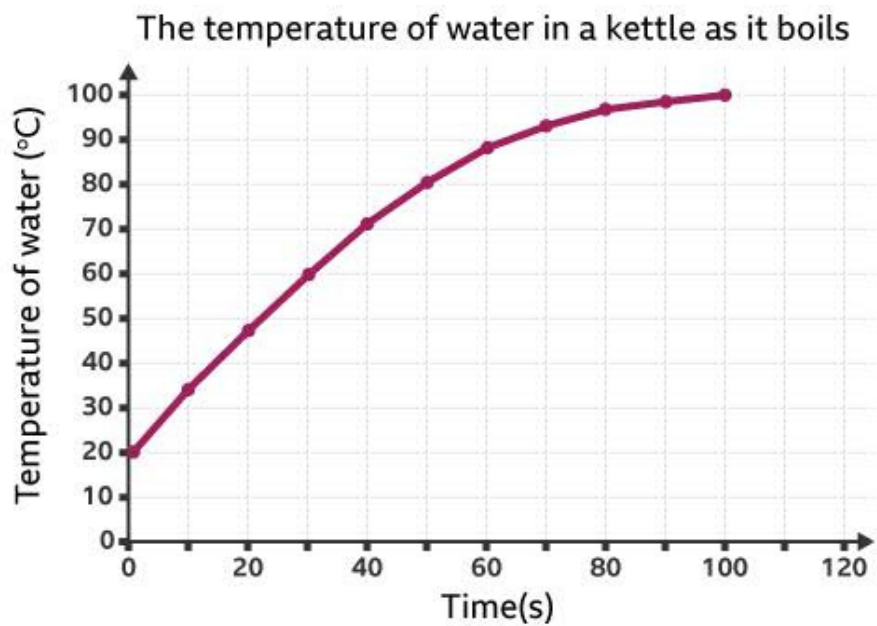


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3. In science, you will also need to be able to look at graphs and interpret their meaning. Take a look at the graph below and answer the questions about the graph.



- What does the title of the graph tell us about the experiment?
- What temperature was the water at reach 25 seconds?
- At which time did the temperature increase slow down?
- What temperature did the water start at? Why do you think this is?



# Your new journey **HAS BEGUN**

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