

SCHOOL PLANNER



NAME:

FOCUS GROUP:

School Information

Kelvin
Hall

Kelvin
Hall

Kelvin Hall School,
Bricknell Avenue,
Kingston Upon Hull
HU5 4QH

Telephone: (01482) 342229

E-mail: info@kelvinhall.net

Website: www.kelvinhall.net

Head of School: Mr Leng

Pastoral Year Team Contact Details

Year 7	496736	year7pastoral@kelvinhall.net
Year 8	496734	year8pastoral@kelvinhall.net
Year 9	496737	year9pastoral@kelvinhall.net
Year 10	496735	year10pastoral@kelvinhall.net
Year 11	496733	year11pastoral@kelvinhall.net

Attendance

496730
attendance@kelvinhall.net

Student Services

496746 / 496747

Mission Statement

Kelvin Hall School: where hardworking, respectful and independent young people thrive in and beyond our community.

Make sure your Focus Group teacher and parents/carers see your planner and sign it every week.





AUTUMN TERM	
Begins	Wednesday 6 th September 2023
Half Term	30 th October – 3 rd November 2023
Ends	Thursday 21 st December 2023
SPRING TERM	
Begins	Tuesday 9 th January 2024
Half Term	12 th February – 16 th February 2024
Ends	Friday 22 nd March 2024
SUMMER TERM	
Begins	Monday 8 th April 2024
Half Term	27 th May to 31 st June 2024
Ends	Friday 19 th July 2024

Code of Conduct

To ensure everyone achieves success at Kelvin Hall School:

1. You must arrive on time and be prepared for lessons.
2. As you enter the building remove outdoor clothing.

You must follow instructions first time and every time.

In the classroom

- Sit where staff tell you to and stay in your seat unless asked to move.
- Place planners and equipment on the desk, ready for use.

During lessons

- Listen attentively, without talking, when someone is speaking to the class.
- Contribute to class discussion and ask for help if needed.
- Complete all your work to the best of your ability.
- Record all homework in your planner.

At the end of the lesson

- Pack away when your teacher tells you to.
- Wait for your teacher to dismiss you.
- Leave the room tidy.

Mobile Phone Policy

- Kelvin Hall School does not allow the use of mobile phones on school premises and mobile phones should not be used or brought into school.



Uniform

School uniform plays a valuable role in contributing to the ethos at Kelvin Hall and setting the appropriate tone. In common with most schools in England, we have a school uniform and rules on appearance that we require all students to follow. Uniform details can be found at:

www.kelvinhall.net/about/uniform

We believe that the wearing of a uniform:

- instils pride
- supports positive behaviour and discipline
- encourages school ethos and identity
- ensures all students are included and feel welcome
- protects children from social pressures to dress in a particular way
- promotes good relationships

Above all, we believe that school uniform indicates a student's readiness for work and therefore supports effective teaching and learning.

Official school uniform items are available from the following authorised school uniform suppliers:

APC Clothing Ltd,
Unit 6a Guardian Park, Station Road Industrial Estate, Tadcaster,
North Yorkshire LS24 9SG
Tel: **01937 833449**
Email: sales@apc-clothing.co.uk
www.school-uniforms.co.uk

Rawcliffes Schoolwear,
9 Paragon Street, Hull, HU1 3RJ
Tel: **(01482) 223539**
Email: info@rawcliffes.co.uk
www.rawcliffes.co.uk

Usually in stock at school - sweatshirts, polo shirts, and PE kit.

Buying

Uniform is available through the school's website where there is a link to APC Clothing and Rawcliffes Schoolwear, based in Hull City Centre. APC attend Induction Evening and visit the school each term so that uniform can be checked for size and ordered. There is a link to both on the school's website, but if you have any questions please contact your child's Pastoral Year Leader.

Please note... When purchasing from APC Clothing, please quote reference: khfreepost at the checkout when you order online, ensuring that the student's name and Year Group are entered in the delivery options section when completing the form. This will ensure the uniform is delivered to school free of charge. Students can collect a guidance leaflet and order form in school from Student Services. Any returns can be made free of charge by bringing incorrect items to Reception.

Affordability

The school has worked to ensure that all items of uniform are as affordable as possible. Parents who have difficulty affording the uniform can call the school and talk to the Year Leader.

Please note: We do try to be as tolerant as we can be, yet we must have the final decision as to whether uniform, hair, nails or make-up is reasonable for school, and we do ask for parents and carers to support the school with this.

Uniform Requirements

Kelvin
Hall

Polo shirt

Students in all year groups must wear a Kelvin Hall or plain white polo shirt. We now offer different styles and fits of polo shirt. The school does not allow sleeves to be rolled up on any polo shirts.

Sweatshirts, jumpers, cardigans

Students across year groups can wear any of the following items: school sweatshirt, V-neck jumper, or cardigan. Regardless of the item worn, all tops must be the standard school versions with the Kelvin logo.

Trousers, shorts, skirts

All students must wear plain, black, formal trousers, shorts or skirts. Skirts must be knee-length. Trousers must be plain, full-length trousers without decorations or accessories, including zips. Shorts must be tailored, black, and knee-length. Plain black tights may be worn with skirts. Tight, short or flared skirts, as well as leggings, jeggings, chinos or jeans, are not allowed.

Shoes

All students must wear plain, black, formal shoes, without logos, brandings, or markings. Trainers, boots, and canvas shoes such as 'Vans' and 'Converse' style are not acceptable. All shoes must be either flat or with a sensible low heel. High heels are not allowed in school.

Jewellery

One ring, one pair of small stud earrings and one discreet bracelet are allowed. No necklaces are allowed in school. No facial piercing of any kind is allowed under any circumstances.

Hairstyles and Makeup

We allow natural makeup and accept a wide range of hairstyles. False eyelashes are not allowed. All we ask is that a student's hair is smart, and of a single natural colour.

Nails

Nails must be of a short, safe length. The school does not allow false nails or any other decorative embellishments.

PE Kit

All students must wear a Kelvin Hall PE top, this can be a jade t-shirt or a polo shirt. Students must wear plain black shadow stripe shorts or plain black, full length, thick lycra sports leggings (small logo acceptable). Students must have a pair of trainers to change into however, **trainers must not be worn to any other lessons.**

Students must not arrive at school wearing PE kit if they have their PE lesson period 1.

Login Details

Kelvin
Hall

Name	
Reg Group	
Locker Number	

Windows

This is the logon you use for laptops and desktop computers that have the windows login screen showing. This is also used for the first time you log onto the printers.

Username	
Password	

Google / Email

This is the logon you use to log onto Chromebooks. It is also used to access:

- **Email** (<http://mail.google.com>)
- **Google classroom** (<http://classroom.google.com>)
- **Google Drive** (<http://drive.google.com>)
- **Also used for the other linked platforms** (e.g Century Tech)

Username	
Password	

Renaissance Place (Book Quiz)

This is the logon you use for quizzing the books you check out of the library. (<https://ukhosted38.renlearn.co.uk/2245439/>).

Username	
Password	

Username	
Password	

Username	
Password	

Username	
Password	

You should **change** your password when you first logon. **Never** share your password with **anyone**.

School ICT Equipment

I agree to use school ICT equipment, software and applications only for appropriate purposes. This includes:

- Accessing the Internet to help with learning
- Completing school work and homework

Personal Information

I agree to keep my personal information safe. This is very important as people may identify you and where you live from information you post online. This includes:

- Keep usernames and passwords safe and do not reveal these to anyone else.
- Make sure your passwords are strong (i.e. 8 or more characters, contain uppercase, lowercase, numbers and symbols)
- Do not put personal information on the Internet (i.e. name, address, phone numbers)
- Never give information about where you will be at a certain time
- Use a nickname for any website you create a login for (especially social media)
- Only post photographs online you would be happy your parent/carer seeing. Once a photograph is online you cannot stop it being copied and posted elsewhere.

Viewing Appropriate Content

I agree to only access websites that are appropriate for my age and download appropriate content. If I am worried about any inappropriate websites I will tell a member of staff immediately. I understand that accessing inappropriate content is often against the law and I may be investigated by the police for doing so.

Inappropriate content includes:

- Pornography
- Violence
- Racism
- Sexism
- Gambling
- Extremist (encouraging hatred and promoting violence)

I agree not to access sites which distract myself or others from learning, unless I have been directly told to do so by a member of

staff. This includes:

- Non educational games
- Music or video streaming (e.g. Spotify)
- Downloading sites (e.g. the Pirate Bay)
- Social media (i.e. Facebook)
- Gambling

School Software (all programs and apps on any device used in school)

I agree I will not attempt to change any settings or install any software on equipment without permission. I will ask permission from a member of staff before downloading files or resources from the Internet.

I agree not to attempt to get around any security systems in school. These are for pupils' protection and safety. If I need a site unblocking I will request it from a member of staff.

I agree to never attempt to access or delete resources, files or messages belonging to someone else.

Communicating Using ICT

I agree to only send messages to people I know, using my school email address or other school-created accounts. Other contacts should be agreed with a member of staff before messages are sent.

I will never send inappropriate, offensive or illegal content using the Internet, text messages or any other messaging app/service (e.g. WhatsApp). This includes:

- Photographs
- Images
- Video clips
- Documents

I agree to always ask my parent/carer for permission to meet people that I have met online. This is important as some people on the Internet are not who they say they are.

- Never meet anyone you met online unless you have a responsible adult with you (e.g. parent/carer or teacher).
- Always tell a responsible adult if someone online wants to meet you.

Cyberbullying

Any messages I send, content I post online or work I create using the school ICT systems and devices will be polite and responsible. It is not acceptable to harass, offend or cause upset to any other user. This includes taking or creating digital photos or videos of other staff or pupils without their consent.

Any messages I send or post to websites, in or out of school-time, should not cause staff, pupils or other users distress or bring the school into disrepute.

- Always respect others - cyberbullying is not acceptable and does cause distress. This is now an offence; the police can be called and people can be charged with harassment. Treat people as you would like to be treated.

Copying Work

I agree not to copy work from the Internet and claim it as my own.

- You should respect intellectual property and ownership of online resources you use in your schoolwork, and ensure you acknowledge all sources you use.

I agree not to access other students' work and claim it as my own.

Harmful Programs

I agree that any files which I put onto the school network will be directly related to school work and free from harmful (malicious) programs (such as viruses).

This includes files which are put on using:

- Removable media (e.g. USB sticks, CDs or DVDs)
- Cloud storage (e.g. Google Drive, Dropbox or OneDrive)
- Personal electronic devices (e.g. mobile phones, tablets, laptops, cameras and music players)

If you are unsure about any files ask a member of staff to check them.

Personal Responsibility

My teachers, parents/carers and other adults can provide me with the knowledge, guidance and support to help me protect myself from potential danger and harm while using ICT. However, I am responsible for my actions and it is my responsibility to keep myself and others safe online and while using other technologies.

Monitoring

I understand the school will constantly monitor my screen, files, communications and Internet activity. These will all be saved and can be used as evidence in any investigation by staff or the police.

Deliberate Damage

I will not deliberately damage any school IT device or equipment. If I do, I understand my parents/carers may be asked to pay for the damage.

Wireless Network

I will only use school IT devices on the wireless (WiFi) network and must not try to find out the school WiFi password. If I do see the password, I will immediately report it to a member of staff or IT services and not give it to another person.

Personal Computing Devices (Mobile Phones, Tablets, etc)

I will only use my personal computing device during lessons if I have permission from a member of staff. This includes listening to music and any other use such as researching on the World Wide Web.

Deliberate Damage

I understand that the school must take appropriate action if I have broken any of the above statements which make up the Pupil Acceptable Usage Policy (this document). The school may decide to take appropriate action such as:

- Informing parents/carers
- Sanction/warnings
- Detention
- Isolation
- Exclusion
- Restricted access to school IT systems and Internet
- Reduction of file space available
- Confiscating personal electronic devices

If you want to find out more about using digital technology safely, go to www.thinkyounow.co.uk for E-safety advice or www.ceop.gov.uk to use the "Report Abuse " button.

Online Safety

Kelvin
Hall

Keeping yourself **SAFE** is not just who you talk to and where you are.
It is crucial to keep yourself safe online... **SMART**

Safe

Do not **SHARE** personal information with anyone.

Meeting

Only ever **MEET** people you know.

Accepting

Only **ACCEPT** information from people you know.

Responsible

You are **RESPONSIBLE** for your own details.

Tell

TELL someone if something is wrong.

**REMEMBER
IF YOU FEEL UNSAFE:**

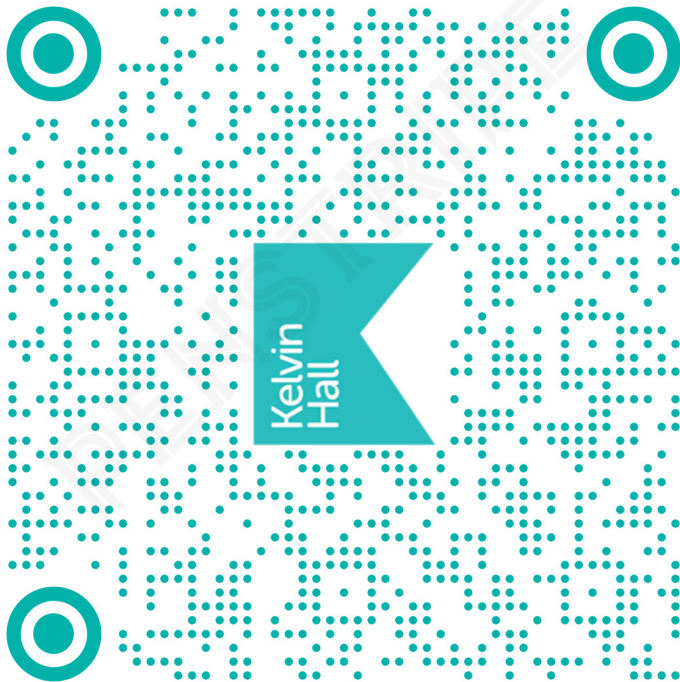
See your Pastoral Year Team
straight away.

Online Safety



Kelvin Hall School's website hosts a variety of resources for pupils to access. Scan the QR Code below to access the Wellbeing Support page of the school website.

You can also access the school website by going to www.kelvinhall.net.



What To Do If...

Kelvin
Hall

I arrive late...

Sign in at reception.

I think I am being bullied...

Speak to somebody – any adult in school, parent/carer, a friend, etc.

I have an appointment out of school...

Preferably these should be out of school time. If unavoidable, your parent/carer needs to contact the Attendance Office and write a note in your planner.

I have lost something...

Lost property is kept at Student Services. All property should have your name in it so it can be returned to you.

I don't understand a homework task...

See your subject teacher before the lesson. Ask a friend or your Focus Group teacher.

I have forgotten to bring something to school...

Explain to your subject teacher at the start of the lesson.

I have something confiscated...

The teacher will inform you of how, when and where you may get it back.

I don't feel well...

Tell your teacher, who may send you to the First Aid Room.

I am absent...

Get a parent/carer to phone the school on the first morning before 9.00am. Bring a letter on your return, catch up on the work you have missed.

I take medication...

Leave all medication at the First Aid Room. Bring a letter from home to explain what the medication is for and when it needs to be taken.

We are determined that all students should be able to attend Kelvin Hall School without being bullied.

WHAT IS BULLYING?

Bullying is repeated behaviour which makes you feel uncomfortable or threatened, whether it is intended to or not.

It can be **PHYSICAL** such as hitting, kicking, poking, tripping, taking money or possessions.

It can be **VERBAL** such as name calling, writing nasty notes to people, making insulting remarks about someone.

It can be **EMOTIONAL** such as spreading stories about someone, ignoring someone, ganging up on someone, tormenting someone.

It can be **CYBERBULLYING** such as via emails, texts, phone calls or any Internet social networking sites.

If you are the target of any of these you are being bullied. If you see anyone else being treated in this way, they are being bullied.

Please inform:

Your Parents or Carers / your Focus Group teacher / your Pastoral Year Leader or **any** member of staff you know.

PLEASE DO NOT SUFFER IN SILENCE

DO IT STRAIGHT AWAY!

Staff will deal with the matter sensitively and make sure you know what they intend to do before they act.

BULLYING WILL NOT BE TOLERATED

Mission Statement

Kelvin Hall School: where hardworking, respectful and independent young people thrive in and beyond our community.

VALUES

Hard Work

We arrive at school, and to lessons, on time, in the correct uniform and with the correct equipment. We achieve success through consistent hard work. We keep positive and never give up so we have the strength and resilience to succeed in everything we put our minds to. We meet deadlines and never let a failure put us off.

Respect

We arrive at school, and to lessons, on time, in the correct uniform and with the correct equipment. We are polite and courteous to everyone in our community at all times. We practice good manners and greet people with a smile. We go out of our way to help others and have the courage to do the right things.

Independence

We arrive at school, and to lessons, on time, in the correct uniform and with the correct equipment. We consistently try our best and ask for help when needed. We complete all work, in class and at home, to the best of our ability and meet deadlines. We use all the opportunities available to us to make the best progress we can and take responsibility for our own learning.

Conduct Card



This card will be signed by Staff to praise or sanction your conduct around School



- Positives:**
- Be respectful of others
 - Show initiative
 - Care for your surroundings
 - Strive to thrive
 - Follow instructions



- Negatives:**
- Late to lessons
 - Inappropriate language
 - Incorrect uniform
 - Littering
 - Other poor conduct

HARD WORK

RESPECT

INDEPENDENCE

Positives

Negatives

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Positives

Negatives

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff



Positives

Negatives

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Date	Reason	Staff

Attendance is an essential part of your education. The aim should be to be in school 100% of the time. Missing school regularly or being late will likely make you fall behind, and not perform to your true potential.

Celebrating ATTENDANCE

HT1

HT2

HT3

HT4

HT5

HT6



Diary & Weekly Planner

2023/2024

PEN
PIPE

Diary & Weekly Planner – August 2023

Week 33

Tomatoes and avocados are fruits, not vegetables.

Monday 14		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday 15		Remember -	Date Due	Done
Subject				
		Time Taken:		

Wednesday 16		Remember -	Date Due	Done
Subject				
		Time Taken:		

Thursday 17		Remember -	Date Due	Done
Subject				
		Time Taken:		

Friday 18		Remember -	Date Due	Done
Subject				
		Time Taken:		

Parent/Carer & Teacher Comments / Other Activities	<input type="checkbox"/> Message Home	<input type="checkbox"/> Received



Diary & Weekly Planner – August 2023

Week 34

The number four is the only number to have the same number of letters as its value.

Monday	21	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday	22	Remember -		
Subject				
		Time Taken:		

Wednesday	23	Remember -		
Subject				
		Time Taken:		

Thursday	24	Remember -		
Subject				
		Time Taken:		

Friday	25	Remember -		
Subject				
		Time Taken:		

Parent/Carer & Teacher Comments / Other Activities	<input type="checkbox"/> Message Home	<input type="checkbox"/> Received

Diary & Weekly Planner – Aug/Sept 2023

Week 35

Every human has a unique tongue print. Like snowflakes, no two are alike!

Monday 28		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 29		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 30		Remember -	Date Due	Done
Subject				
Time Taken:				



T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 31 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 1 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – September 2023

Week 36

The average person spends about 25 years sleeping.

Monday	4	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	5	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	6	Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 7 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 8 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – September 2023

Week 37

Brown is the most common eye colour.

Monday 11		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 12		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 13		Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 14 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 15 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – September 2023

Week 38

Due to lower gravity, you would weigh less on the moon than on Earth.

Monday 18		Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 19		Date Due	Done <input type="checkbox"/>
Subject			
Time Taken:			

Wednesday 20		Date Due	Done <input type="checkbox"/>
Subject			
Time Taken:			



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 21 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 22 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – September 2023

Week 39

On average, up to 60% of the human adult body is water.

Monday 25		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 26		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 27		Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 28 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 29 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – October 2023

Week 40

The average cumulus cloud can weigh 500,000kg!

Monday	2	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	3	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	4	Remember -	Date Due	Done
Subject				
Time Taken:				



S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 5 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 6 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – October 2023

Week 41

A lion's roar can be heard for up to five miles away due to its unusual vocal cords.

Monday 9		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 10		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 11		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 12	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 13	Remember -	Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – October 2023

Week 42

It takes 23 hours, 56 minutes and 4 seconds for the Earth to rotate once on its axis.

Monday 16		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 17		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 18		Remember -	Date Due	Done
Subject				
Time Taken:				



S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 19 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:


Friday 20 Remember -		Date Due	Done
Subject			
			Time Taken:


Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	


Diary & Weekly Planner – October 2023

Week 43

There are more chickens in the UK than there are humans.

Monday 23		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 24		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 25		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 26 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 27 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – Oct/Nov 2023

Week 44

Honey is the only food that does not rot. A jar of honey will remain completely edible to humans for over 3,000 years.

Monday 30		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 31		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 1		Remember -	Date Due	Done
Subject				
Time Taken:				



W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 2 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 3 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – November 2023

Week 45

Smiling provides numerous health benefits including boosting your immune system.

Monday	6	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	7	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	8	Remember -	Date Due	Done
Subject				
Time Taken:				



W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 9 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 10 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – November 2023

Week 46

The planet Neptune's days are just over 16 hours long.

Monday	13	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday	14	Remember -	Date Due	Done
Subject				
		Time Taken:		

Wednesday	15	Remember -	Date Due	Done
Subject				
		Time Taken:		



W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 16 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 17 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – November 2023

Week 47

Romans used both human and animal urine as mouthwash.

Monday 20	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 21	Remember -	Date Due	Done
Subject			
Time Taken:			

Wednesday 22	Remember -	Date Due	Done
Subject			
Time Taken:			



W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 23 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 24 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – Nov/Dec 2023

Week 48

Water covers about 70% of the Earth's surface.

Monday 27		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 28		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 29		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 30 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 1 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – December 2023

Week 49

A moonbow is a rainbow produced by moonlight rather than direct sunlight.

Monday	4	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	5	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	6	Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 7 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 8 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – December 2023

Week 50

An ostrich's eye is bigger than its brain!

Monday 11		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 12		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 13		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 14 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 15 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – December 2023

Week 51

It is not impossible to sneeze with your eyes open, but it is most uncommon.

Monday 18		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 19		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 20		Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 21 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 22 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – January 2024

Week 1

Even if you cut off a cockroach's head, it can still live for over a week!

Monday	1	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	2	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	3	Remember -	Date Due	Done
Subject				
Time Taken:				



Thursday 4 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:


Friday 5 Remember -		Date Due	Done
Subject			
			Time Taken:


Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	


Diary & Weekly Planner – January 2024

Week 2

A tiger's stripes are as distinct as human fingerprints. No two tigers have the same stripe pattern.

Monday 8		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 9		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 10		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



M T W T F S S M T W T F S S M T W T F S S M T W
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 11 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 12 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – January 2024

Week 3

The only continent without reptiles or snakes is Antarctica.

Monday	15	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday	16	Remember -	Date Due	Done
Subject				
		Time Taken:		

Wednesday	17	Remember -	Date Due	Done
Subject				
		Time Taken:		



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 18 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 19 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – January 2024

Week 4

You blink over 10,000 times each day, or 12 times per minute.

Monday	22	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday	23	Remember -	Date Due	Done
Subject				
		Time Taken:		

Wednesday	24	Remember -	Date Due	Done
Subject				
		Time Taken:		



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 25 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 26 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – Jan/Feb 2024

Week 5

The planet Venus spins on its axis the opposite way to Earth causing the sun to rise in the west and set in the east.

Monday 29		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 30		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 31		Remember -	Date Due	Done
Subject				
Time Taken:				



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 1 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 2 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – February 2024

Week 6

Horses have an amazing ability to sleep both standing up and lying down.

Monday 5		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 6		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 7		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Thursday 8 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 9 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – February 2024

Week 7

If you could fly to the sun from the moon in a normal jet plane, it would take about 20 years!

Monday	12	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	13	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	14	Remember -	Date Due	Done
Subject				
Time Taken:				



T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Thursday 15 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 16 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – February 2024

Week 8

The unicorn is the national animal of Scotland.

Monday 19		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 20		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 21		Remember -	Date Due	Done
Subject				
Time Taken:				



T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Thursday 22 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 23 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – Feb/Mar 2024

Week 9

Throughout the day, young sunflowers follow the sun from east to west but when they mature, they face mostly east.

Monday 26		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 27		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 28		Remember -	Date Due	Done
Subject				
Time Taken:				



T F S S M T W T F S S M T W T F S S M T W T F S S M T W T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Thursday 29 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 1 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – March 2024

Week 10

Even though you might think you are standing still, the earth is rotating at around 1,000 mph. It's also moving through the solar system at approximately 67,000 mph!

Monday	4	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	5	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	6	Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 7 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 8 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – March 2024

Week 11

Chocolate is made from cocoa beans that grow as fruit of the cacao tree.

Monday	11	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday	12	Remember -	Date Due	Done
Subject				
		Time Taken:		

Wednesday	13	Remember -	Date Due	Done
Subject				
		Time Taken:		



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 14 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 15 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – March 2024

Week 12

Taking one step uses over 200 muscles in the body.

Monday 18	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 19	Remember -	Date Due	Done
Subject			
Time Taken:			

Wednesday 20	Remember -	Date Due	Done
Subject			
Time Taken:			



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 21 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 22 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – March 2024

Week 13

Saturn's rings are an array of rocky and icy fragments which vary in size from huge mountain-sized rocks to tiny particles.

Monday 25		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 26		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 27		Remember -	Date Due	Done
Subject				
Time Taken:				



F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 28 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 29 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – April 2024

Week 14

Rabbits and parrots can see behind themselves without moving their heads.

Monday 1		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 2		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 3		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 4 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 5 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – April 2024

Week 15

It is silent in space as sound cannot travel in a vacuum.

Monday 8		Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 9		Date Due	Done
Subject			
Time Taken:			

Wednesday 10		Date Due	Done
Subject			
Time Taken:			



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 11 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 12 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – April 2024

Week 16

The letters 'J' and 'Q' do not appear in any official element name in the Periodic Table.

Monday 15		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 16		Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday 17		Remember -	Date Due	Done
Subject				
Time Taken:				



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 18 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 19 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – April 2024

Week 17

The moon is still tectonically active and experiences moonquakes just as Earth experiences earthquakes.

Monday 22	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 23	Remember -	Date Due	Done
Subject			
Time Taken:			

Wednesday 24	Remember -	Date Due	Done
Subject			
Time Taken:			



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 25 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 26 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – Apr/May 2024

Week 18

The dot over a lower-case letter 'i' and a lower-case letter 'j' is called a tittle.

Monday	29	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
		Time Taken:		

Tuesday	30	Remember -	Date Due	Done
Subject				
		Time Taken:		

Wednesday	1	Remember -	Date Due	Done
Subject				
		Time Taken:		



W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 2 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 3 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – May 2024

Week 19

A single strand of human hair can carry a weight of up to 100g because of its three-layered structure.

Monday	6	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	7	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	8	Remember -	Date Due	Done
Subject				
Time Taken:				



W T F S S M T W T F S S M T W T F S S M T W T F
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 9 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 10 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – May 2024

Week 20

The human heart can beat up to 115,000 times a day.

Monday 13		<i>Remember -</i>	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday 14		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				

Wednesday 15		<i>Remember -</i>	Date Due	Done
Subject				
Time Taken:				



W T F S S M T W T F S S M T W T F S S M T W T F
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 16 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 17 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	



Diary & Weekly Planner – May 2024

Week 21

An estimated 25% of the world's hazelnuts are used to make Nutella.

Monday 20		Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				

Tuesday 21		Remember -	Date Due	Done
Subject				

Wednesday 22		Remember -	Date Due	Done
Subject				



W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 23 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 24 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – May 2024

Week 22

Every odd number has an 'e' in it.

Monday	27	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	28	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	29	Remember -	Date Due	Done
Subject				
Time Taken:				



W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 30 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 31 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – June 2024

Week 23

At some 63 million square miles, the Pacific Ocean is the world's largest ocean and contains more than half the free water on Earth.

Monday	3	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	4	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	5	Remember -	Date Due	Done
Subject				
Time Taken:				



S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 6 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 7 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – June 2024

Week 24

It is thought to have taken nearly 1,500 years to build Stonehenge.

Monday	10	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	11	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	12	Remember -	Date Due	Done
Subject				
Time Taken:				



S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 13 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 14 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – June 2024

Week 25

Hummingbirds are the only known birds that can fly backwards.

Monday 17	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 18	Remember -	Date Due	Done
Subject			
Time Taken:			

Wednesday 19	Remember -	Date Due	Done
Subject			
Time Taken:			



S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 20 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 21 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – June 2024

Week 26

*The shortest lifespan of any known animal in the world is the Mayfly.
Its entire adult lifespan is just 24hrs.*

Monday 24 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 25 Remember -		Date Due	Done
Subject			
Time Taken:			

Wednesday 26 Remember -		Date Due	Done
Subject			
Time Taken:			



S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Thursday 27 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 28 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – July 2024

Week 27

Roosters prevent themselves from going deaf by tilting their head back when they crow. This causes their ear canal to be completely covered.

Monday	1	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	2	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	3	Remember -	Date Due	Done
Subject				
Time Taken:				



Thursday 4 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 5 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – July 2024

Week 28

One name for a group of parrots is a pandemonium.

Monday	8	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	9	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	10	Remember -	Date Due	Done
Subject				
Time Taken:				



M T W T F S S M T W T F S S M T W T F S S M T W
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 11 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 12 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – July 2024

Week 29

The male seahorse goes through pregnancy and gives birth to the babies.

Monday	15	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject				
Time Taken:				

Tuesday	16	Remember -	Date Due	Done
Subject				
Time Taken:				

Wednesday	17	Remember -	Date Due	Done
Subject				
Time Taken:				



M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Thursday 18 Remember -		Date Due	Done <input checked="" type="checkbox"/>
Subject			
			Time Taken:

Friday 19 Remember -		Date Due	Done
Subject			
			Time Taken:

Parent/Carer & Teacher Comments / Other Activities		<input type="checkbox"/> Message Home	<input type="checkbox"/> Received
Student Signature	Parent/Carer Signature	Tutor Signature	
_____	_____	_____	

Diary & Weekly Planner – July 2024

Week 30

In the 1936 Olympic games, Jesse Owens broke four world records in under 45 minutes.

Monday 22	Remember -	Date Due	Done <input checked="" type="checkbox"/>
Subject			
Time Taken:			

Tuesday 23	Remember -	Date Due	Done
Subject			
Time Taken:			

Wednesday 24	Remember -	Date Due	Done
Subject			
Time Taken:			

Thursday 25	Remember -	Date Due	Done
Subject			
Time Taken:			

Friday 26	Remember -	Date Due	Done
Subject			
Time Taken:			

Parent/Carer & Teacher Comments / Other Activities	<input type="checkbox"/> Message Home	<input type="checkbox"/> Received



English

Words to talk about language

The following terms will help you understand and discuss the skills you use in your reading and writing.

NOUNS are naming words.

We use a **noun** to name a person, place, thing or feeling.

E.g. woman, village, Leeds, chair, sadness.

NOUN PHRASES are phrases which have a **noun** as their head word.

E.g. Adult foxes can jump. Almost all healthy foxes in this area can jump.

PRONOUNS are used instead of nouns.

E.g. he reads, it was blue.

ADJECTIVES are describing words.

We use an **adjective** to describe a noun or pronoun.

E.g. the tall boy, the happy dog, he was sad.

INFINITIVES are basic forms of a verb used as the head word in a dictionary.

E.g. to walk, to be.

VERBS are doing words.

We use **verbs** to name actions.

E.g. he ran, the bus stopped, the girl thinks.

ADVERBS are words that tell you more about a verb.

E.g. she walks quickly, he will go soon.

FRONTED ADVERBIALS are placed at the start of a sentence.

E.g. Before I go to sleep, I brush my teeth.

ADVERBIALS are words or phrases that modify a verb or clause.

E.g. The bus leaves in five minutes.

CONJUNCTIONS are words or phrases used to join ideas together.

E.g. Adding: additionally, also, in addition, and. Time: next, first, firstly, finally.

Opposition: on the other hand, however, but. Cause: because, due to.

PREPOSITIONS are words that link a following noun, pronoun or noun phrase to some other word in the sentence. Prepositions often describe locations or directions, but can also describe time.

E.g. at, in, over, on, before, since.

DETERMINERS are words which reference a noun in some way.

They include: articles (e.g. the, a or an), demonstratives (e.g. this, those) possessives (e.g. my, your) and quantifiers (e.g. some, every).

E.g. a new car, that new car, his new car.

ACTIVE/PASSIVE VOICE

An **active verb** has its usual pattern of subject and object. E.g. The school arranged a visit. A **passive verb** places the emphasis on the object rather than the subject. E.g. A visit was arranged by the school.

Literacy

Commenting on texts

What's your *point*?

First make a simple statement about what the writer does:

- The writer suggests that...
- The writer shows this by using ...
- The writer describes... as...

Give *evidence* from the text to support your point.

- For example...
- For instance, in the third paragraph...
- The writer states:

Analyse how the writer's methods affect the reader.

Analyse how key words and techniques from the evidence help to get these effects.

- The effect of this is...
- This makes the reader feel that...
- This suggests that...

Evaluate the text to determine the objective and credibility of the work.

- Knowing the context...
- At the time this was...
- Coming from this source...

Key reading skills

All these skills will be needed each time you read a new text.

TYPE OF READING	DEFINITION
Reading for meaning	The slow, careful first reading of a new text
Scanning	Looking swiftly from the top left to the bottom right of a text to form a first general impression
Skimming	Moving the eyes quickly over each line of a text to pick out key words or phrases
Reading 'Between the lines'	Using clues in a text to work out what a writer is implying (hinting at) in order to explain their viewpoints or to comment on the methods they use
Reading 'With a writer's eye'	Analysing and appreciating the techniques a writer has used to achieve their purpose or to engage their target audience

Literacy

Writing sentences

You can influence the response of your readers by using a variety of sentence structures.

The simple sentence has:

- one main clause
- one subject
- one verb
- and of course... clear punctuation

A simple sentence can be *very* simple. *Our example:* The dog barked.

Your example:

Or you can modify a simple sentence by adding **adjectives** and **adverbs** for extra information.

Our example: The **big black** dog moved **swiftly** and barked **loudly**.

Your example:

The compound sentence has:

- two or more main clauses joined with the connective 'and', 'but', 'or'

Our example: David likes music and Susan likes shopping.

Your example:

The complex sentence has:

- one main clause and one or more additional clauses
- connectives to link clauses
- and of course...clear punctuation

Complex sentences can be organised in a variety of ways to achieve different effects.

- Extra information can be added **after** the main clause:

Our example: Sweets are very nice **although they are bad for your health**.

Your example:

- Or extra information can be placed **before** the main clause:

Our example: **Although they are bad for your health**, sweets are very nice.

Your example:

- Or extra information can even be embedded **within** the main clause, between the subject and the verb.

Our example: Sweets, **although they are bad for your health**, are very nice.

Your example:

Subordinate clauses

Using subordinate clauses can add a range of ideas to your sentences.

Common subordinators:

- Time (after, when, as, before, since, while, until)
- Place (where, wherever)
- Condition (unless, if, supposing)
- Reason (because, since, as)
- Contrast (whereas, whilst)
- Concession (although, though)
- Describing (who, which, that, whose)

Try using these connectives to build more complex sentences of your own.

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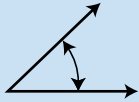
possessives (e.g. my, your) and quantifiers (e.g. some, every).

E.g. a new car, that new car, his new car.

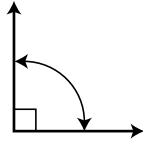
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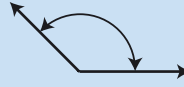
Mathematics - shape & space



An acute angle is less than 90°



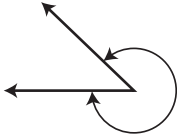
A right angle is 90°



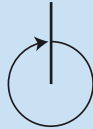
An obtuse angle is more than 90° and less than 180°



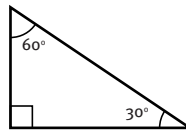
A straight line is 180°



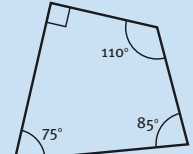
A reflex angle is more than 180°



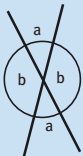
Around a point is 360°



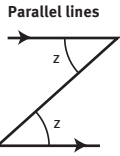
The angles in a triangle add up to 180°



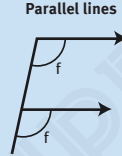
Angles in a quadrilateral add up to 360°



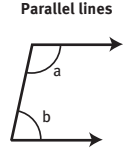
Vertically opposite angles are equal



Parallel lines
Alternate angles (z) are the same

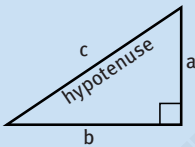


Parallel lines
Corresponding angles (f) are the same



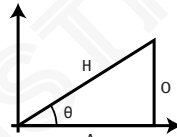
Parallel lines
Supplementary angles (a & b) add up to 180°

Trigonometry



Pythagoras' theorem

$$c^2 = a^2 + b^2$$

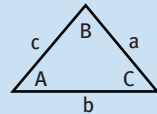


$$\sin \theta = \frac{O}{H} = \frac{\text{opposite}}{\text{hypotenuse}} \quad \text{SOH} \begin{matrix} \triangle \\ \text{S} \\ \text{H} \end{matrix}$$

$$\cos \theta = \frac{A}{H} = \frac{\text{adjacent}}{\text{hypotenuse}} \quad \text{CAH} \begin{matrix} \triangle \\ \text{C} \\ \text{H} \end{matrix}$$

$$\tan \theta = \frac{O}{A} = \frac{\text{opposite}}{\text{adjacent}} \quad \text{TOA} \begin{matrix} \triangle \\ \text{T} \\ \text{A} \end{matrix}$$

Remember! SOH CAH TOA



Sine law

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

Cosine law

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$b^2 = a^2 + c^2 - 2ac \cos B$$

$$c^2 = a^2 + b^2 - 2ab \cos C$$

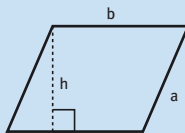
Area of a triangle = $\frac{1}{2} ab \sin C$

Perimeter, area & volume



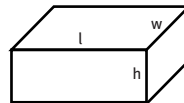
Rectangle

Perimeter = $2(l+w)$
Area = $l \times w$



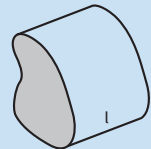
Parallelogram

Perimeter = $2(a+b)$
Area = $b \times h$



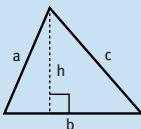
Cuboid

Volume = $l \times w \times h$



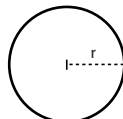
Prism

Volume = cross section area $\times l$



Triangle

Perimeter = $a+b+c$
Area = $\frac{b \times h}{2}$



Circle

Circumference = $2\pi r$
Area = πr^2

REMEMBER!

Perimeter is the 1-D length around a shape: m, cm

Area is the 2-D space inside a shape: m^2 , cm^2

Volume is the 3-D space inside a solid: m^3 , cm^3

Capacity is the amount something can hold: l, ml

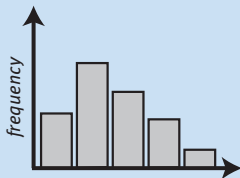
Remember to start with the same UNITS!

Mathematics - data

BIDMAS

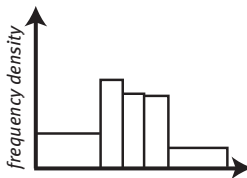
- Brackets
- Indices
- Division
- Multiplication
- Addition
- Subtraction

Bar graph



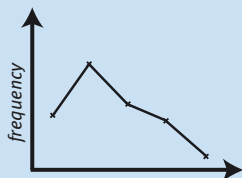
Used for discrete data. Bars are all the same width. Bar height represents frequency.

Histogram



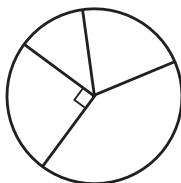
Used for continuous numerical data which has been classified into groups. Bars may be different widths. The area of the bar represents frequency.

Frequency polygon



May be used for both discrete & continuous data. Points should be plotted in the middle of corresponding bars (bar chart or histogram).

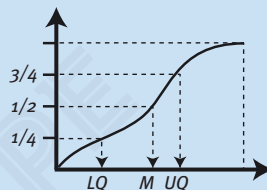
Pie chart (Pie graph)



$$\text{Size of angle} = \frac{\text{frequency}}{\text{total frequency}} \times 360^\circ$$

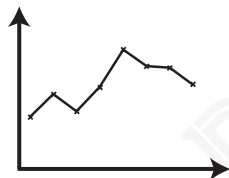
The angles should add up to 360° . Used to show proportions of an identifiable whole.

Cumulative frequency graph



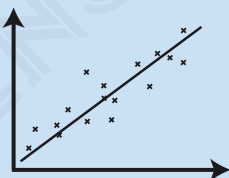
Useful for estimating median & quartiles for grouped data. Plot at the top of the graphs.

Line graph (Jagged line graph)



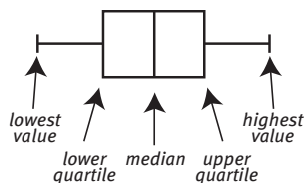
Used for continuous data. Shows relationship between two variables.

Scatter graph



Used to show correlation. Drawing a line of best fit allows estimation of values of one variable from values of the other variable.

Box and whisker plot



Clearly identifies the middle 50%.

Data

Discrete data

Discrete data is counted and can only take certain values.

Continuous data

Continuous data is measured and can take any value (within a range).

Averages

The **MEAN** of a set of data values is the sum of all the data values divided by the number of data values.

The **MODE** of a set of data values is the value(s) that occur most often.

The **MEDIAN** of a set of data values is the middle value of the data set when it's been arranged in ascending order.

Mathematics - number

Grid method for multiplication

Split the numbers you are multiplying into units, tens, hundreds... and multiply each part separately. E.g. 243×17

x	200	40	3
10	2000	400	30
7	1400	280	21

Then add together all the products.
 $2000+1400+400+280+30+21$
 $=4131$

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

Directed numbers

Adding a negative number is the same as subtracting the positive.

Subtracting a negative is the same as adding the positive.

Types of number

Odd numbers: 1, 3, 5, 7, 9, 11 ...

Even numbers: 2, 4, 6, 8, 10 ...

Square numbers (formed by multiplying a number by itself): 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196, 225

Cubed numbers (formed by multiplying a number by itself 3 times): 1, 8, 27, 64, 125, 216, 343, 512, 729, 1000

Multiples of a number are numbers that belong to its multiplication table.

E.g. the multiples of 4 are 4, 8, 12 ...

Factors of a number are numbers that divide exactly into a number. **FACTORS FIT!!!**

E.g. the factors of 20 are 1, 2, 4, 5, 10, 20.

Prime numbers are numbers that have TWO factors only. E.g. 2, 3, 5, 7, 11, 13, 17, 19 ...

Percentages/ decimals/ fractions

50%	0.5	1/2
25%	0.25	1/4
75%	0.75	3/4
10%	0.1	1/10
20%	0.2	2/10 = 1/5
30%	0.3	3/10
60%	0.6	6/10 = 3/5
12.5%	0.125	1/8
33 1/3%	0.3	1/3

etc.

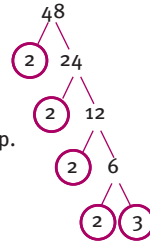
Multiplying and dividing negative numbers

When the signs are different (i.e. positive and negative) the answer is negative.

When the signs are the same (i.e. positive and positive or negative and negative) the answer is positive.

Prime factors

Prime factors of a number are its factors that are prime. Use a prime factor tree!



Circle the prime number and stop.

$$= 2 \times 2 \times 2 \times 2 \times 3$$

$$= 2^4 \times 3$$

Time

To find the difference between two times

1. Draw a time line
2. Count in minutes to the next hour
3. Count in hours until you can't count a whole hour
4. Count in minutes to the given time

E.g. How long is a journey starting at 11:30 and ending at 14:15?

$$11.30 \ggggg 12.00 \ggggg 14.00 \ggggg 14.15$$

$$30 \text{ mins} \quad 2 \text{ hrs} \quad 15 \text{ mins}$$

$$= 2 \text{ hours and } 45 \text{ minutes}$$

Mathematics - algebra

$3 + s$ means "3 plus s"
or "s more than 3"

$a - 5$ means "take 5 from a"
or "5 less than a"

$4b$ means "4 multiplied
by b" or "4 lots of b"

$k/2$ means "k divided by 2"

v^2 means "v x v"
or "v squared"

Simplifying by collecting like terms

E.g. $3a + 4b - 2a + b - 3c$

Circle the first type of like terms. Collect them together.

$$= (3a) + 4b - (2a) + b - 3c$$

$$= (3a - 2a) + 4b + b - 3c$$

Underline the next set of like terms. Collect them together.

$$= 3a - 2a + \underline{4b} + \underline{b} - 3c$$

$$= (a) + \underline{5b} - 3c$$

Continue and tidy up!

$$= a + 5b - 3c$$

Indices (powers)

p^2 means $p \times p$

p^3 means $p \times p \times p$

p^n means $p \times p \times p \dots \times p$
(n times)

$$p^1 = p$$

$$p^0 = 1$$

$p^{1/n}$ means $1/p^n$
E.g. $3^{-2} = 1/3^2 = 1/9$

$p^{1/n}$ means $n\sqrt{p}$
E.g. $27^{1/3} = \sqrt[3]{27} = 3$

Remember

– common mistake!

$$a^2 = a \times a \text{ and } 2a = 2 \times a$$

so

$a^2 + 2a$ cannot be simplified further as a^2 is not LIKE $2a$!!!

Rules of indices

$$a^x \times a^y = a^{x+y}$$

$$a^x \div a^y = a^{x-y}$$

$$(a^x)^y = a^{xy}$$

Simplifying expressions

DEAL WITH THE DIGITS AND THEN WITH THE INDICES!!!

$$\begin{aligned} \text{E.g. } 6a^2b \times 3ab^3 & \\ &= 6 \times 3 \times a^2 \times a \times b \times b^3 \\ &= 18 \times a^{(2+1)} \times b^{(1+3)} \\ &= 18a^3b^4 \end{aligned}$$

$$\begin{aligned} \text{E.g. } 6a^2b \div 3ab^3 & \\ &= 6 \div 3 \times a^2 \div a \times b \div b^3 \\ &= 2 \times a^{(2-1)} \times b^{(1-3)} \\ &= 2ab^{-2} \end{aligned}$$

Multiplying brackets grid method

Multiplying brackets grid method
 $a(b+c)$

x	b	c
a	ab	ac

$$= ab + ac$$

Multiplying brackets grid method
 $a(b-c)$

x	b	-c
a	ab	-ac

$$= ab - ac$$

Multiplying double brackets
 $(a+b)(a+c)$

x	a	b
a	a^2	ab
c	ac	cb

$$= a^2 + ab + ac + bc$$

An example of multiplying to get a quadratic equation
 $(a+2)(a-3)$

x	a	-3
a	a^2	-3a
2	2a	-6

$$\begin{aligned} &= a^2 - 3a + 2a - 6 \\ &= a^2 - a - 6 \end{aligned}$$

Quadratic formula

For solving $ax^2 + bx + c = 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Other useful websites:

Useful web addresses

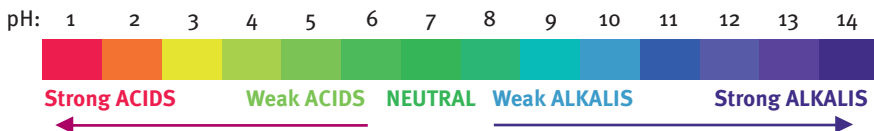
- www.mathsnet.net
- www.countonus.org.uk
- www.nrich.maths.org
- www.bbc.co.uk/bitesize/subjects
- www.emaths.co.uk
- www.mathsisfun.com

General science

As a **biologist** you need to know the 7 life processes: An easy method of remembering is **MRS GREN!**

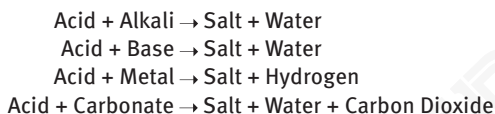
- M- Movement** Moving parts of an organism
- R- Reproduction** Producing offspring
- S- Sensitivity** Responding and reacting to the environment
- G- Growth** Increasing in size to adulthood
- R- Respiration** Turning food into energy
- E- Excretion** Getting rid of waste
- N- Nutrition** Getting food to stay alive

To be a **chemist** you need to be able to identify acids and alkalis. Universal indicator can be used to show the pH of a substance.



Neutralisation

Acids react with bases, alkalis, reactive metals and carbonates. This is called a neutralisation reaction.



To be a **physicist** you need to get your units right in calculations. Here is a table showing units that are used a lot in physics.

Physical quantity	S.I. units	Symbol
Length	Metres	m
Mass	Kilograms	kg
Time	Seconds	s
Force	Newtons	N
Energy	Joules	J

Keywords

Understand and use the following words within the subject of science.

element	neutralisation		
consumer	producer		
compound	indicator		
photosynthesis			
mixture			
reflection			
parallel circuit			
refraction			
series circuit			

Record any other science words you use in the blank spaces.

Health & fitness *Remember to bring your kit and a positive attitude to every lesson!*

Why should we exercise?

- To strengthen bones
- To reduce the chance of illness
- To increase strength, endurance & flexibility
- To reduce stress & tension
- To increase self-confidence

Your activities How many of these sports have you tried? Set yourself a challenge to try and sample as many of these sports as you can!

Why do you exercise?

Success in PE is not all about ability. If you have the belief, commitment, motivation, & attitude you will succeed!

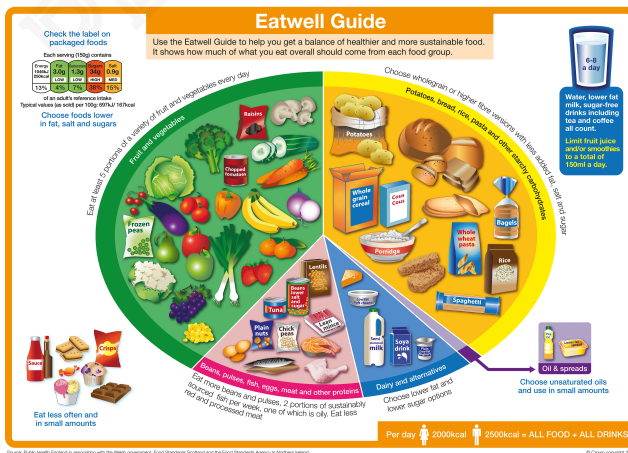
ACTIVITY	L	EC	OS	ACTIVITY	L	EC	OS	OTHER ACTIVITIES	L	EC	OS
Hockey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Basketball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Netball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Squash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Football	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Racquetball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rugby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Volleyball	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Badminton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aerobics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rounders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trampoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tennis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ice skating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Table tennis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Skiing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gymnastics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Canoeing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Orienteering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swimming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rock climbing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cycling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Walking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cricket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Athletics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Your favourite activities

Use the following key to complete the table- **L:** Lessons, **EC:** Extra curricular, **OS:** Out of school.

Top tips for leading a healthy lifestyle

- Don't skip breakfast
- Drink lots of water
- Eat healthily
- Exercise regularly
- Avoid alcohol, drugs & tobacco



What is your:

Resting heart rate: bpm Weight: kg Height: cm Date

History

YEAR	AD/BC	EVENT
3000	BC	Start of the Egyptian civilisations: power of the Pharaohs
2000	BC	Stonehenge built
1200	BC	Beginning of Jewish religion
776	BC	First Olympic games
486	BC	Buddha born
55	BC	Julius Caesar lands in England
33	AD	The time that Jesus lived
43	AD	Romans begin conquest of England
60	AD	Boudicca defeated
122	AD	Hadrian's wall built
450	AD	Saxons begin to invade England. Roman Empire collapses
597	AD	St Augustine brings Christianity to Kent
635	AD	St Aidan founds Lindisfarne
793	AD	Vikings raid Lindisfarne
878	AD	Alfred the Great defeats the Danes
991	AD	Vikings conquer England
1066	AD	Battles of Stamford Bridge & Hastings. Norman Conquest
1086	AD	Domesday Book
1117	AD	Thomas Beckett, Archbishop of Canterbury murdered
1189	AD	Richard I (Lionheart) goes on Crusade
1215	AD	King John signs Magna Carta
1314	AD	Bannockburn - Scots defeat the English
1348	AD	Black Death comes to England
1415	AD	Henry V wins battle of Agincourt
1476	AD	William Caxton - 1st English printing press
1485	AD	Battle of Bosworth. Start of the Tudors
1492	AD	Columbus discovers the New World
1519	AD	Magellan sails around the world Cortes conquers the Aztecs of Mexico
1564	AD	William Shakespeare born
1577	AD	Francis Drake sails around the world
1588	AD	Spanish Armada
1605	AD	Gunpowder plot
1620	AD	Pilgrim Fathers land in America
1642-49	AD	English Civil War, Charles I executed. Oliver Cromwell rules
1665	AD	Plague of London
1666	AD	Great Fire of London
1707	AD	Act of Union, England and Scotland united
1757	AD	Britain starts conquest of India

History

YEAR	AD/BC	EVENT
1770	AD	Captain Cook lands in Australia
1776	AD	American Declaration of Independence
1789	AD	French Revolution
1805	AD	Nelson triumphs at Battle of Trafalgar
1815	AD	Napoleon defeated at Waterloo
1825	AD	Stockton-Darlington Railway - world's first passenger railway
1833	AD	Factory Act - reduces child labour
1837	AD	Queen Victoria begins her reign
1861-66	AD	American Civil War
1903	AD	Wright Brothers - 1st powered, manned flight
1914-18	AD	World War I
1939-45	AD	World War II
1951	AD	Winston Churchill becomes Prime Minister for second time
1953	AD	DNA discovered
1961	AD	Yuri Gagarin - 1st human in space
1963	AD	Martin Luther King delivers his 'I have a dream' speech
1969	AD	Neil Armstrong - 1st human on the moon
1973	AD	Britain joins the European Economic Community
1978	AD	World's first test tube baby
1980	AD	John Lennon assassinated in New York
1981	AD	Prince Charles marries Lady Diana Spencer
1989	AD	Fall of the Berlin Wall
1990	AD	Nelson Mandela freed from prison after 27 years
2001	AD	World Trade Centre Twin Towers, New York destroyed in terrorist attack
2004	AD	Boxing Day tsunami kills nearly 230,000 people in eleven countries
2005	AD	Terrorist attacks on London transport network
2008	AD	Barack Obama elected as first US African American president
2011	AD	US forces shoot and kill Osama Bin Laden in Abbottabad, Pakistan
2012	AD	Scientists from the Large Hadron Collider announce the discovery of the Higgs Boson particle
2014	AD	The jihadist group Islamic State (IS) rises to international prominence as it seizes large swathes of land in Syria and Iraq
2015	AD	More than a million migrants and refugees cross into Europe sparking a crisis as countries struggle to cope with the influx
2016	AD	Britain votes to leave EU
2017	AD	The Cassini spacecraft is deliberately crashed into Saturn at the end of a mission lasting almost 20 years
2020	AD	Britain leaves the European Union

World map



LARGEST COUNTRIES (‘000 km²) (includes freshwater)

Russia	17,075
Canada	9,971
China	9,561
USA	9,373
Brazil	8,512
Australia	7,682

India	3,287
Argentina	2,767
Kazakhstan	2,717
Algeria	2,382

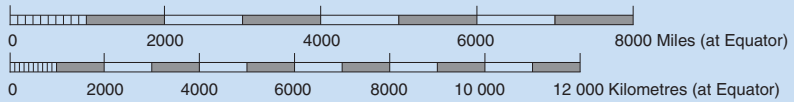
MOST POPULATED COUNTRIES

(millions)	
China	1,451
India	1,417

USA	338
Indonesia	280
Pakistan	230
Nigeria	217
Brazil	216
Bangladesh	168
Russia	144
Mexico	127

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World map



CONTINENT	POPULATION (millions)	AREA (million km ²)
Africa	1,414	30
Antarctica	—	14
Asia	4,731	45
Europe	748	10
North America	600	24
South America	439	18
Oceania	44	8



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The British Isles - Great Britain - United Kingdom

