Year 10 Welcome Evening
Class of 2028

TPS | The Petersfield School







Mark Marande - Headteacher
Matt Walker - Deputy Headteacher

BOHUNT EDUCATION TRUST

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Programme

- The year ahead - Mr Marande
- Our Curriculum & Exam Preparation - Mr Walker - Deputy Headteacher
- Careers

- English (video)
- Maths (video)
- Science (video)

- Pastoral Team Support – Mr Jennings - Year Progress Leader

All presentations and resources will be available on our website www.petersfieldschool.com (under 'Parents') and links emailed to you

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TEAM TPS



TOGETHER
EVERYONE
ACHIEVES
MORE

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Parental engagement

4 months additional progress - per year!



TAKE HOME TAKE 5

Your Weekly Diet of Knowledge

TPS

Take Home Take 5 Week 8

English

Q Complete the quotation and name the poem: 'into the _____ of death rode the ____ _____'

A 'valley, six hundred' and The Charge of the Light Brigade

Q What in poetry is a caesura?

A a pause in a line of poetry

Q Complete the missing section of the quotation and explain what Macbeth means: ""I am in blood ...tedious as go o'er"

A ...'stepped in so far that, should I wade no more, returning was...' This shows Macbeth's disturbed mental state. He accepts he has no choice but to continue on the murderous path he's chosen as there is no redemption.

Q List 3 structural devices you might refer to in Paper 1 Q3

A Cyclical structure, shift in focus, analepsis (flashback), Prolepsis (flash forward), narrative perspective, motif, spotlight, character, setting etc.

Biology

Q What are antibiotics?

A A drug used to kill bacteria. They cannot kill viruses.

Q What are the two forms of tumours and which one is concerned cancerous?

A Benign and malignant. Malignant tumours are cancerous as they can spread to other organs.

Q Name 3 digestive enzymes, what food group they break down and into what nutrients.

A Amylase breaks down starch into sugar. Protease breaks down protein into amino acids. Lipase breaks down fat (lipids) into fatty acids and glycerol.

Q What are the differences between type 1 and type 2 diabetes?

A Type 1 - usually develops during childhood. The pancreas stops making insulin. Controlled by insulin injections and a good diet. Type 2- usually develops in adults who have poor lifestyles and are overweight. The body no longer responds to insulin. Controlled with a good diet and regular exercise.

Q What group of organisms break down dead, organic matter?

A Decomposers such as bacteria and fungi.

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IT'S A MARATHON,
NOT A SPRINT





Results Day 2026






Petersfield School
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Year 10 Timeline

SUMMER HOLIDAY

September
Year 10 starts

November
Y10 reports issued

12 - 23 October
Formal Y10 assessments

February
Y10 reports issued

November 18th
Year 10 parent consultation evening

April/May
Y10 assessments & report

May 19th
Year 10 parent consultation evening

June
College taster days/Game -changer Week

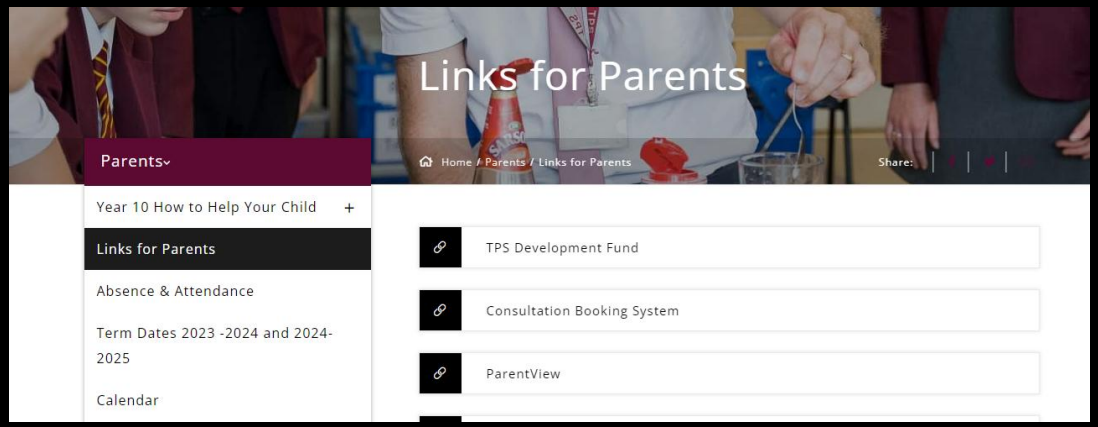
TPS | The Petersfield School

Parents Evening

Wednesday 18 November 2026 - 3.30-6.30pm online

Wednesday 19 May 2027 - 5-8pm in-person

- Bookings made through the Consultation Booking System, found under ‘Links for Parents’ on the school website.
- Opportunity to meet with each subject area once during the year.
- Online appointments are held using the booking system - require an internet enabled device with a camera and microphone.



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BBC Sign in Home News Sport Weather iPlayer

NEWS

Home | UK | World | Business | Culture | Politics | Health | Tech | InDepth | BBC Verify | Climate

Family & Education | Young Reporter

A smartphone ban in English schools is coming into force. What's changing?



Hayley Clarke
Education reporter

27 June 2026

A ban on smartphones in schools in England comes into force on Monday, 29 June, making individual schools and trusts legally responsible for being phone-free throughout the day.

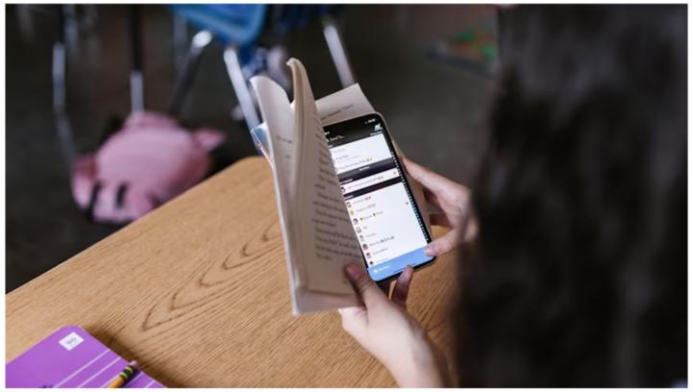
It is separate from the recently announced ban on social media for under-16s, and the government said the move would give "legal force to what schools are already doing in practice".

How will ban on phones in schools work? Your questions answered

SCHOOLS | POLITICS | Friday 17 July 2026 at 11:30am



Lewis Denison
Digital Political Reporter



Credit: Pixabay/RDNE Stock project

Phones will be banned in all of England's schools when pupils return from the summer holidays in September, in an attempt to keep them focused and cut distractions.

The Guardian UK

UK to ban under-16s from 'high risk' social media apps

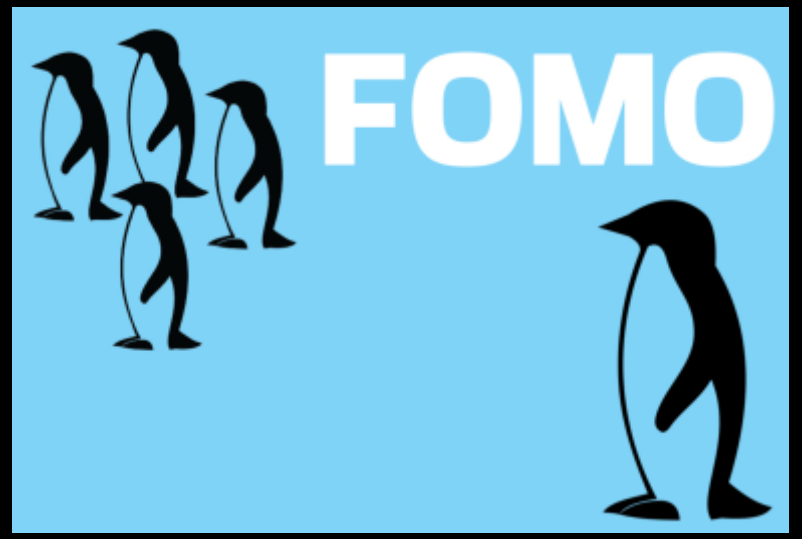
Measures to include restrictions on 'safe' social media apps, with some fearing banning some platforms and not others will lead to legal challenges



A mobile billboard in London as part of a National Education Union campaign to ban under-16s from social media use. Photograph: David Parry/PA

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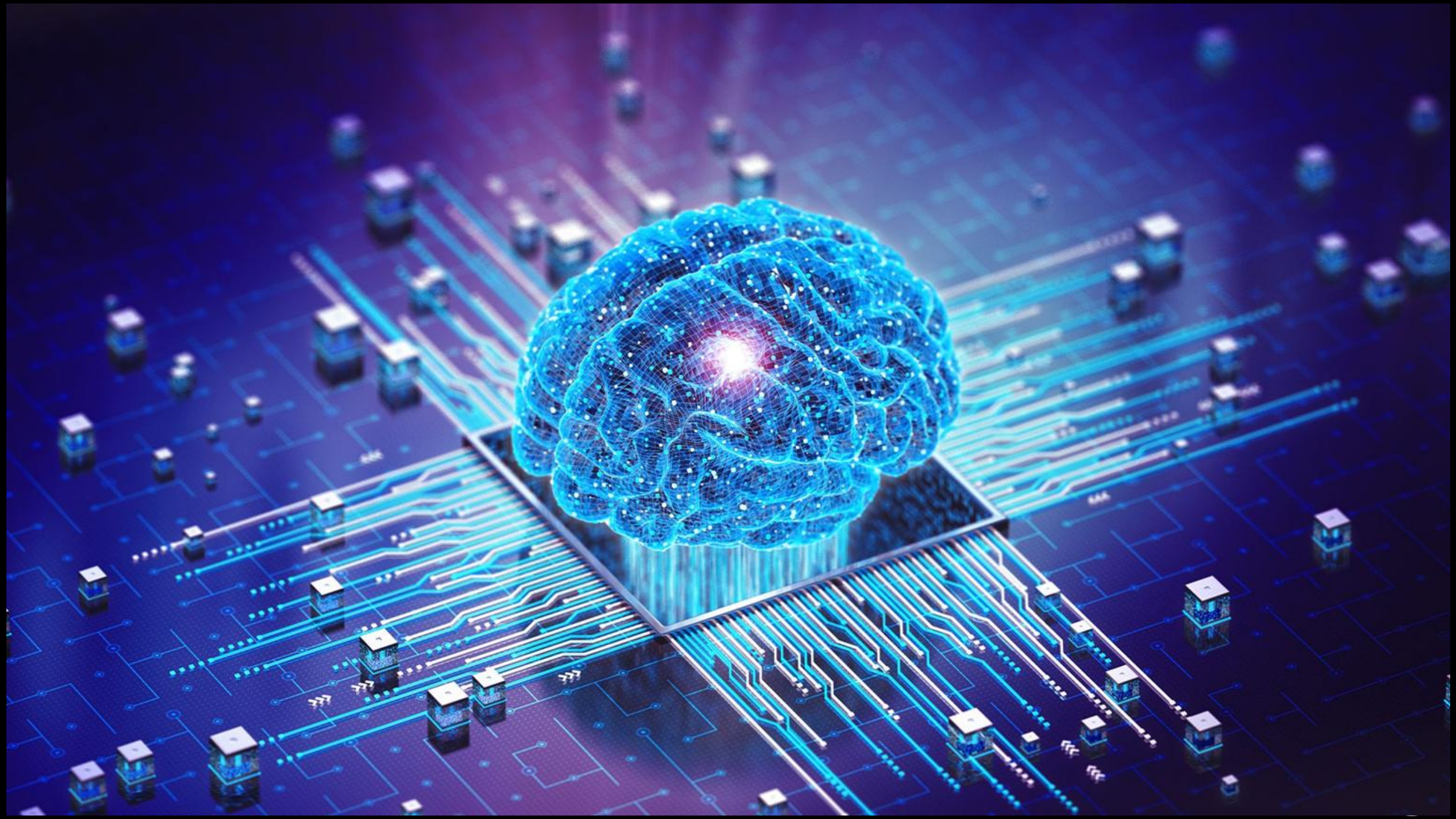




Positive Digital Habits

- Give your phone away before you start your revision session
- Charge phones and tablets in another room overnight
- Remove games console/controller from bedroom/ revision space

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The world they're walking into



Robot v human

What the AI revolution could mean for world of work

Philippa Kelly

In 1965, the political scientist and Nobel laureate Herbert Simon said: "Machines will be capable, within 20 years, of

Education

AI is used in schools, colleges and universities in limited ways. As automation makes its way further into the classroom, Rose Luckin, professor of learner centred design at University College London Knowledge Lab, says the choices we make now will decide its impact in the future. "There's a horrible, dystopian version where you hand over far too much to the AI," she says. "And you end up with an education system that's much cheaper, where you have a lot of the delivery done by AI systems."

Teachers given help with marking and lesson planning by LLMs would be left with more time to focus on other work. But in an effort to cut costs, the "teaching" of lessons could also be delegated to machines, robbing teachers and students of human interaction.

"Of course, that will be for the less well-off students," Luckin says. "The more well-off students will still have lots of lovely one-to-one human interactions, alongside some very smartly integrated AI."

Luckin wants a future where technology cuts teacher workloads

alamy - 2WTE2KW

BBC NEWS

Home UK World Business Politics Tech Science Health Family & Education

AI likely to displace jobs, says Bank of England governor



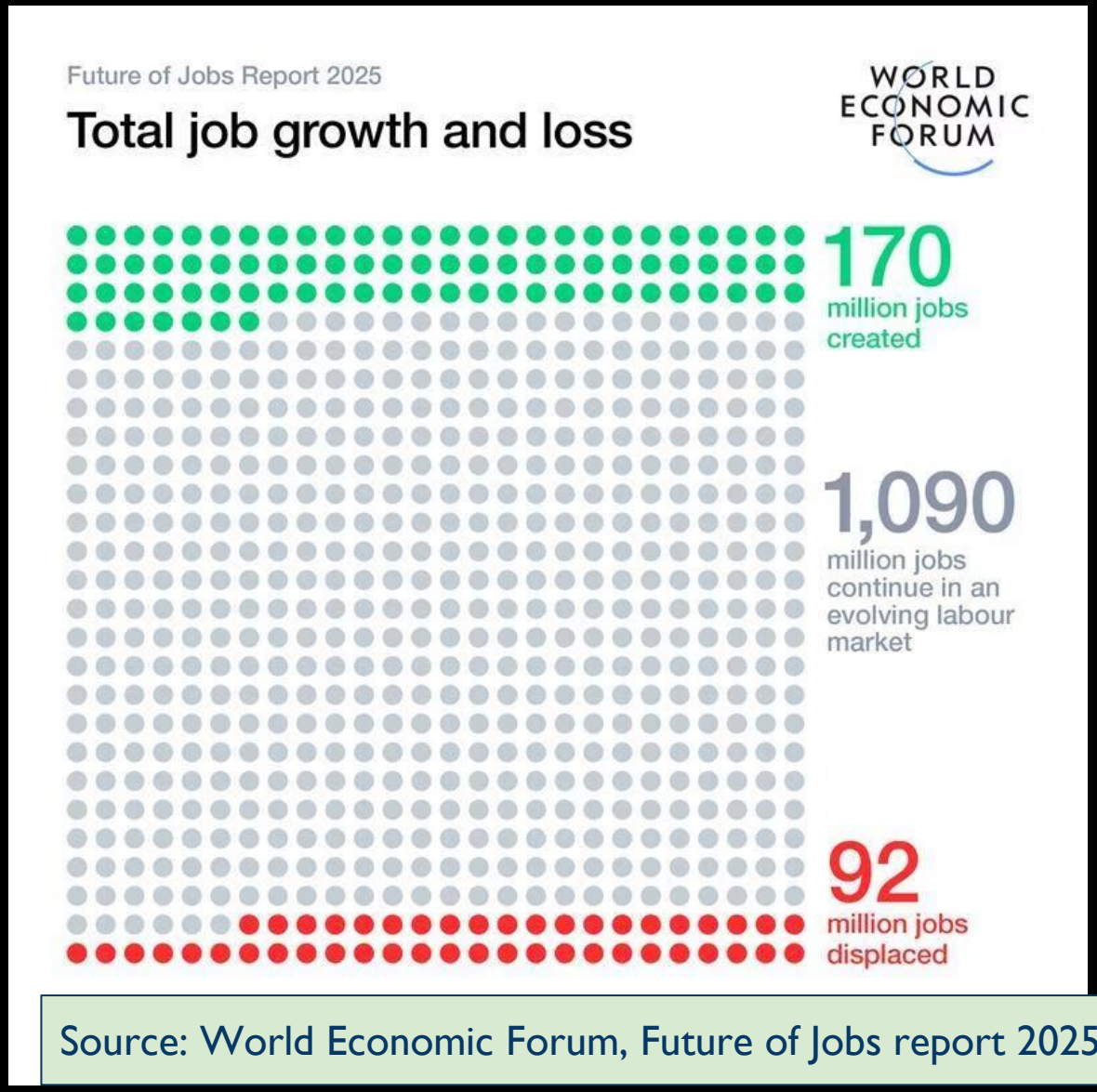
Michael Race
Business reporter

19 December 2025

The widespread adoption of artificial intelligence (AI) is likely to displace people from jobs in a similar way seen during the Industrial Revolution, the governor of the Bank of England has said.

Andrew Bailey said the UK needed to have the "training, education, [and] skills in place" so workers could shift into jobs that use AI.

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Source: World Economic Forum, Future of Jobs report 2025

+78m

Net new jobs worldwide by 2030

4 in 10 of today's job skills will have changed by 2030

We can't bet on the job. So we need to build the **person**.

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What the future rewards…

- Analytical thinking
- Collaboration & leadership
- Resilience & adaptability
- Curiosity & lifelong learning
- Creative thinking
- **Working with AI**

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One-third of students in the latest OECD survey said school had not taught them anything useful for a job.

Software engineers used to be sought after for their coding abilities, not their bedside manner. No longer. Writing code can now be done by an algorithm.

"Your personality is where your premium is."

The Economist - Dec 2025

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FINANCE • AI

Europe

Virgin Money chatbot tells off customer who typed word 'virgin'



By Ryan Hogg
Europe News Reporter

Add us on

January 30, 2025, 7:54 AM ET



Virgin Money apologized for the error.
IAN FORSYTH/BLOOMBERG VIA GETTY IMAGES

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Supporting your child's learning

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What is my child learning?

Pink sheets and learning journeys

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Calendar | Admissions | Vacancies

Term Dates 2024 – 2025 | TPS/Bohunt Sixth Form

ABOUT THE STUDIO CURRICULUM PARENTS

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STUDENTS STAFF CONTACT BET

CURRICULUM & LEARNING JOURNEYS

CO-CURRICULAR AND ENRICHMENT

CAREERS AND GUIDANCE

IGNITE – ACADEMICALLY MORE ABLE

PSCHE PROVISION

REPORTING TO PARENTS

KNOWLEDGE ORGANISERS & PINK SHEETS

HOMEWORK TIMETABLE

FACULTY AREAS

MUSIC CURRICULUM AND INSTRUMENTAL LESSONS

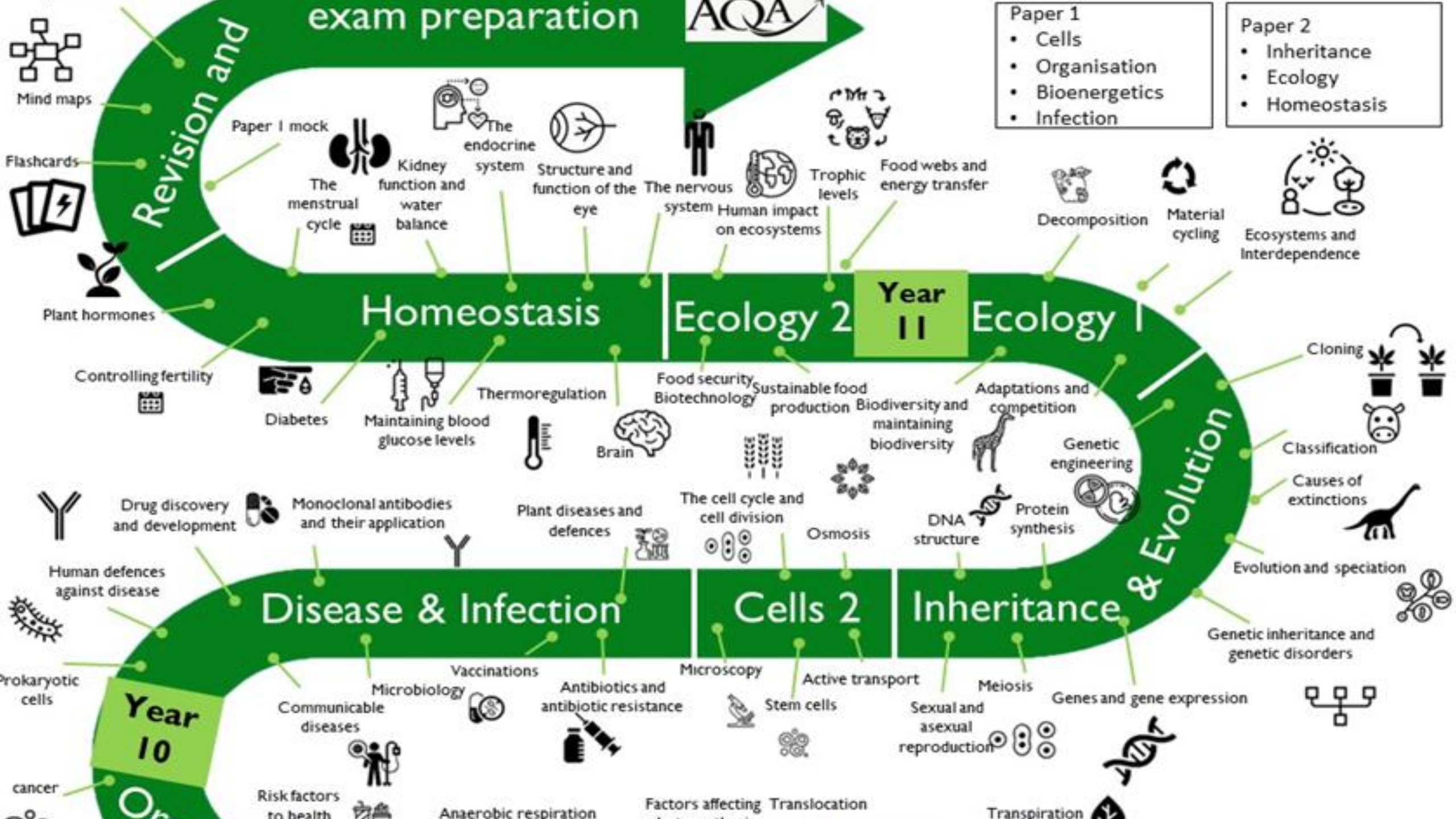
RELIGION PHILOSOPHY AND ETHICS PROVISION





Open Morning Saturday
21 September 2024

TPS


Revision and exam preparation
AQA
Paper 1
• Cells
• Organisation
• Bioenergetics
• Infection
Paper 2
• Inheritance
• Ecology
• Homeostasis
Mind maps
Flashcards
Paper 1 mock
The menstrual cycle
Kidney function and water balance
The endocrine system
Structure and function of the eye
The nervous system
Human impact on ecosystems
Trophic levels
Food webs and energy transfer
Decomposition
Material cycling
Ecosystems and Interdependence
Plant hormones
Controlling fertility
Homeostasis
Ecology 2
Year 11
Ecology 1
Diabetes
Maintaining blood glucose levels
Thermoregulation
Brain
Food security
Biotechnology
Sustainable food production
Biodiversity and maintaining biodiversity
Adaptations and competition
Cloning
Classification
Causes of extinctions
Evolution and speciation
& Evolution
Genetic engineering
Drug discovery and development
Monoclonal antibodies and their application
Plant diseases and defences
The cell cycle and cell division
Osmosis
DNA structure
Protein synthesis
Human defences against disease
Prokaryotic cells
Disease & Infection
Cells 2
Inheritance
Genetic inheritance and genetic disorders
Vaccinations
Microbiology
Communicable diseases
Antibiotics and antibiotic resistance
Microscopy
Active transport
Stem cells
Sexual and asexual reproduction
Meiosis
Genes and gene expression
Year 10
cancer
Risk factors to health
Anaerobic respiration
Factors affecting
Translocation
Transpiration

Year 7 Electricity and magnetism

Keyword	Definition
Ammeter	A device used to measure current.
Atom	An atom has a nucleus which is positively charged and electrons which are negatively charged
Battery	A battery is a source of energy which provides a push - a voltage - of energy to get the current flowing in a circuit.
Compass	A compass is a tool which points out directions, such as North, South, East and West.
Conduct	Allow electricity to flow through them easily
Current	An electric current is a flow of charge, and in a wire this will be a flow of electrons.
Electromagnet	When an electric current flows in a wire, it creates a magnetic field around the wire. This effect can be used to make an electromagnet
Electrons	The electron is a negatively charged particle that spins around the outside of the nucleus
Potential difference	A measure of the difference in energy between two parts of a circuit (measured in volts).
Resistance	Resistance is a measure of how difficult it is for current to flow through a material.
Static electricity	Friction between two different insulating materials can transfer electrons from one to the other.
Voltmeter	A device used to measure potential difference.

Circuit symbols

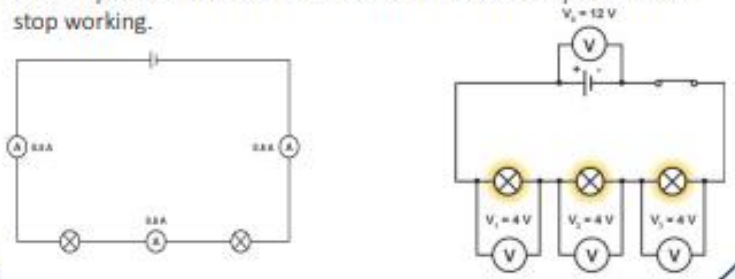
We use circuit symbols to draw diagrams of electrical circuits with straight lines to show the wires connecting everything together.



Series circuits

In a series circuit:

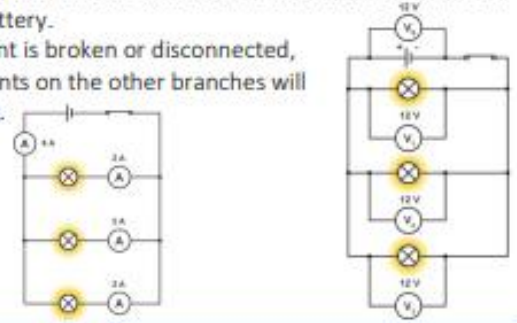
- Components are in one loop, so the charge has only one path to follow.
- Current is the same everywhere.
- The potential difference is shared between the components.
- If a component is broken or disconnected all the components will stop working.



Parallel circuits

In a parallel circuit:

- Components are connected in different branches.
- Current is shared between the branches, then adds again when the branches meet.
- Potential difference is the same across each of the branches as across the battery.
- If a component is broken or disconnected, the components on the other branches will keep working.



Resistance

- Resistance is a measure of how difficult it is for current to flow

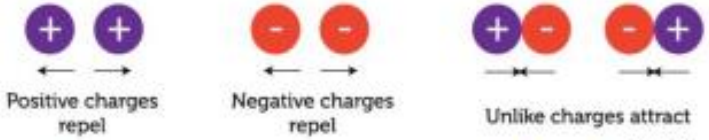
Static electricity



Atoms have positively charged protons and negatively charged electrons in equal quantity so atoms are neutral (have no overall charge).

When two insulating materials are rubbed together, electrons can pass between them which is called static electricity. The material which has lost electrons becomes negatively charged and the material which gained electrons becomes positively charged.

Charged objects have a field around them and the closer you are to the object, the stronger the field is.

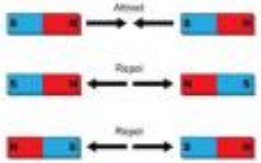


These attractive and repulsive forces are collectively called electrostatic forces.



Magnetism

- Magnetism is a non-contact force.
- There are three magnetic metals: iron, nickel and cobalt. Steel is also magnetic because it contains iron.
- A bar magnet is a permanent magnet. It has a north pole and a south pole.
- Unlike poles attract, like poles repel.



- A compass contains a small



Useful YouTube links:

- Circuits
- Static electricity
- Magnetism

Skills:

Safety

Always be extremely careful when using electrical devices.

Staying Safe with Electricity

GCSE History – The Elizabethan Age

Key Question: Elizabethan Entertainment

Key Dates	
1. 1572	Strolling players **banned** from touring the country unless they had been granted a license to perform
2. 1574	Earl of Leciester's players established (theatre company)
3. 1576	The 'theatre' was built on Finsbury Fields at Shoreditch
4. 1577	The Curtain theatre opened
5. 1583	Queen's Men theatre company established
6. 1585	Bear-baiting ban on Sunday overruled by Elizabeth
7. 1589	Lord Chamberlain's men

Key types	
1. Bear-Baiting	Chained to a wooden stake by one hind leg. **Dogs would be released around the bear to make it angry.**
2. Bull-baiting	Rope tied around the base of its horns and the other end of rope would be attached to a stake.
3. Cockfighting	**Fight between a single pair of birds but could have 20 put into the ring at the same time and allowed to fight.**
4. Hunting	**Deer hunting was an upper-class sport and nobles had their own dear parks.**
5. Hawking	Involved use of a trained falcon or hawk to fly off a trainer's arm and kill selected prey.
6. Archery	Popular activity and men over **the age of 24** were expected to practice archery on a Sunday after church.
7. Ball	Lower class would enjoy football.

Key Words	
1. Bands of strolling players	**Groups of actors** tour the country and stopping at towns to perform their plays.
2. Kayles	Early form of bowls
3. Theatre companies	Companies replaced bands of strolling players. They had financial support from wealthy nobleman. **Would perform before Queen and tour the countryside.**
4. Canopy	**Above the stage which symbolized heaven.**
5. Galleries	**A seat in the theatre which had a roof to protect them against the rain**
6. Cockpit	**Famous cockfighting pit in London**

Revision & Exam Preparation

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ULUM PARENTS TPS STUDENTS STAFF CONTACT BET



LITERACY @ TPS

HEALTH AND WELLBEING

LINKS FOR STUDENTS

TPS REVISION PATHWAY

SPORTS FIXTURES

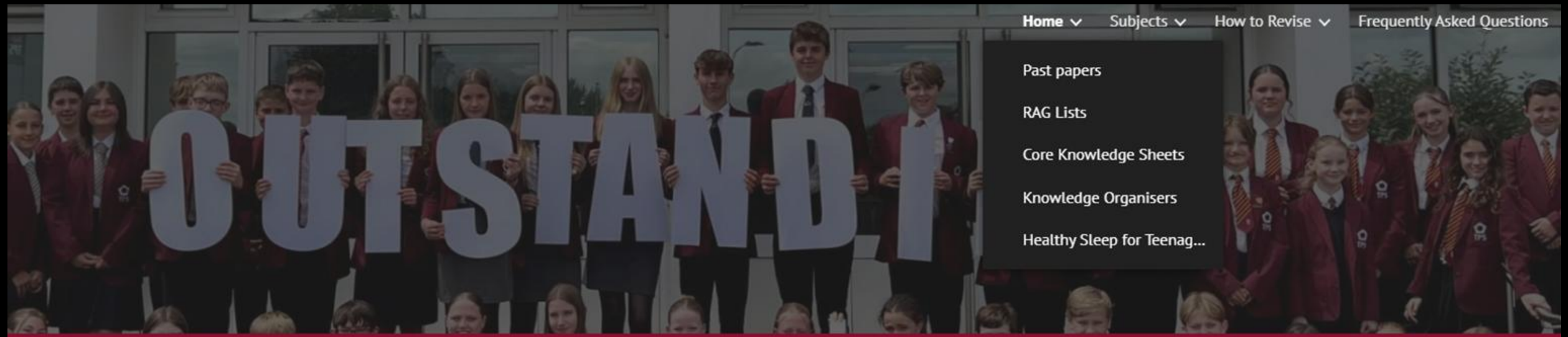
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Welcome

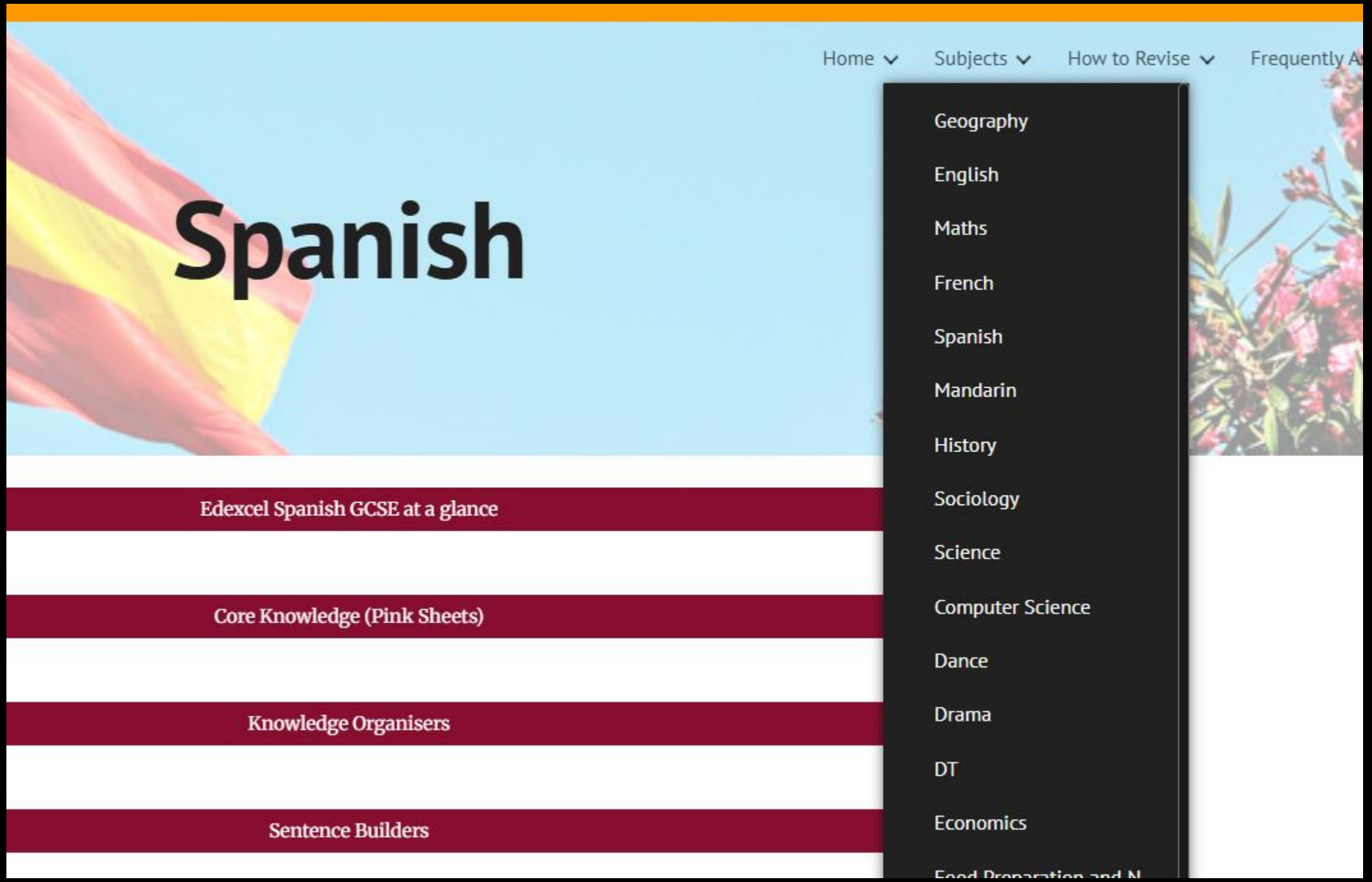
Welcome to the TPS Revision Pathway Microsite!

On this site, you will find:

- A guide to recommended revision strategies
- Resources to support your revision
- A guide to how and what to revise for each subject area

Please use the drop down menus at the top of the page to navigate, or use the clickable buttons below.

TPS


Home
Subjects
How to Revise
Frequently A
Geography
English
Maths
French
Spanish
Mandarin
History
Sociology
Science
Computer Science
Dance
Drama
DT
Economics
Spanish
Edexcel Spanish GCSE at a glance
Core Knowledge (Pink Sheets)
Knowledge Organisers
Sentence Builders

TPS

Careers @ TPS

- Work experience - 5 days - 28th June to 2nd July (Key message, start looking for placements now). Log on Class Charts after half term.
- Careers Fair - 22 Oct - Through the school day but parents can attend 3:20 to 4:00.
- Mock Interview day - Spring term
- College Taster days - Summer term
- Online Careers Platform - UNIFROG (Can be accessed at home with parents)
- 1:1 Careers Appoints (Now start in Year 10 and have commenced)
- TPS Weekly, up to date careers information, LMI + a link to the TPS Careers Padlet
- Contact Mr Joiner or Miss Groves (behind reception) with any questions - Ljoiner@petersfieldschool.com & lgroves@petersfieldschool.com
- TPS Careers Fair - Thursday 22 October (parent slot 3:30-4:30pm)

TPS


YOUR FUTURE
DISCOVER THE
ENDLESS POSSIBILITIES
University • Employment • Sixth Form • College
TPS CAREERS FAIR
Thursday 22 October
1.30 - 4.20pm
TPS Sports Hall
Year 10 - Year 11 1.30 - 3.30pm
Parents and all year groups 3.30 - 4.20pm
Information on Careers and Employment,
Sixth Form Colleges and Universities.
leidos
IBM
Blenheim Court
University of Southampton
smi
MacDonald Oates LLP SOLICITORS
FOXTECH
Just Be Maritime
UNIVERSITY WINCHESTER
ARMY BE THE BEST
ROYAL AIR FORCE
UNIVERSITY OF PORTSMOUTH
BOHUNT SIXTH FORM
BAE
job centre plus
ACM the academy of contemporary music
HSDC
UTC PORTSMOUTH
everyone ACTIVE
BURLEY GEACH solicitors
CLEMENT
Chichester College
SPARSHOLT

TPS

Year 10 English

The Petersfield School



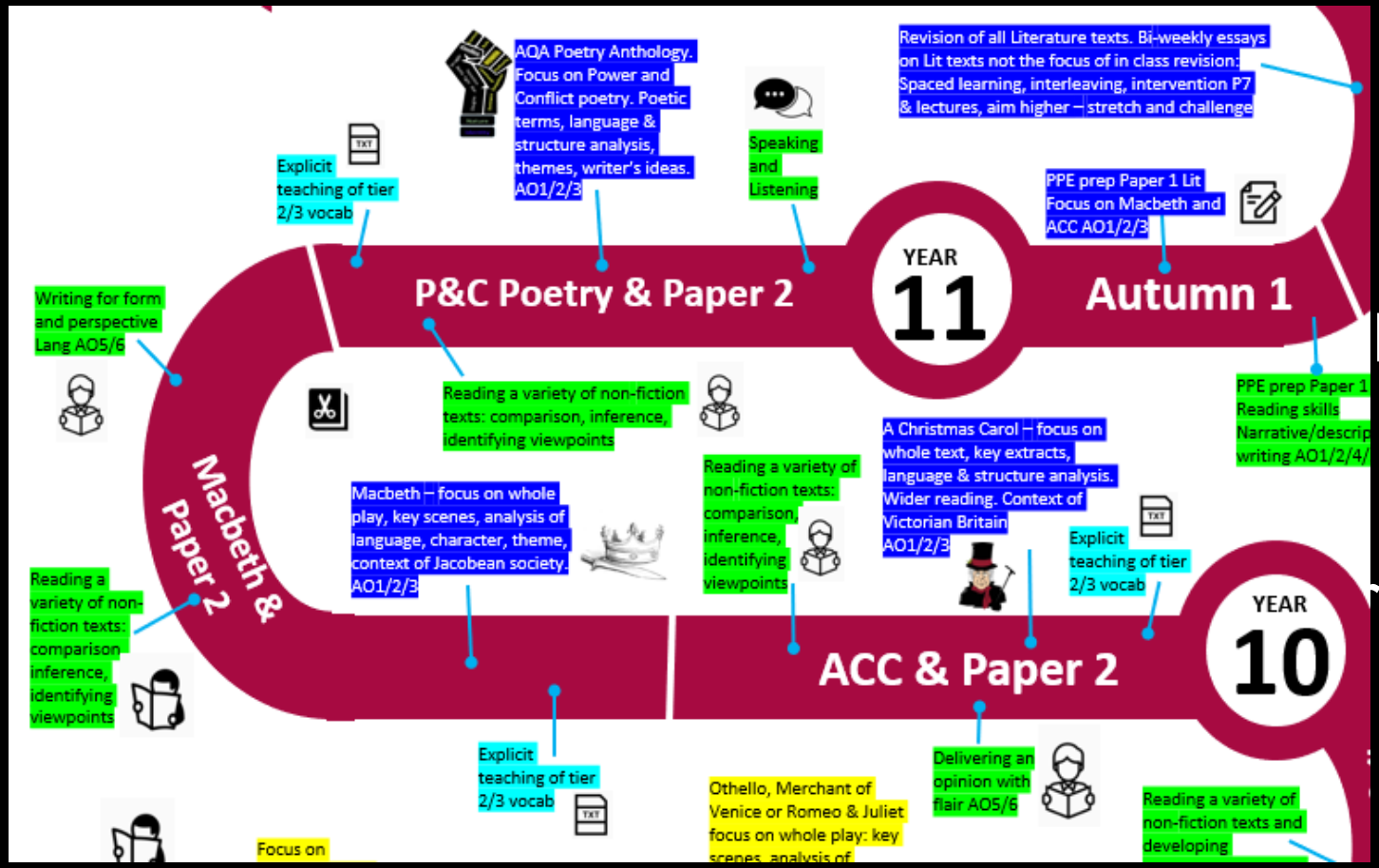
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English Language and Literature

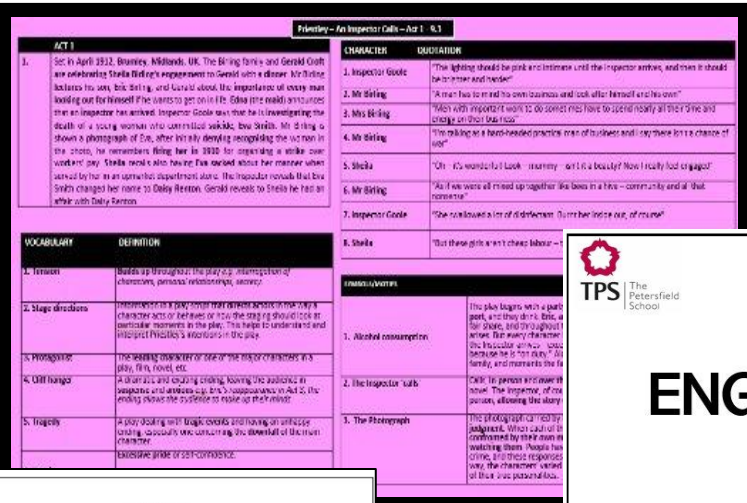


Paper

and

TPS

What have students been given?

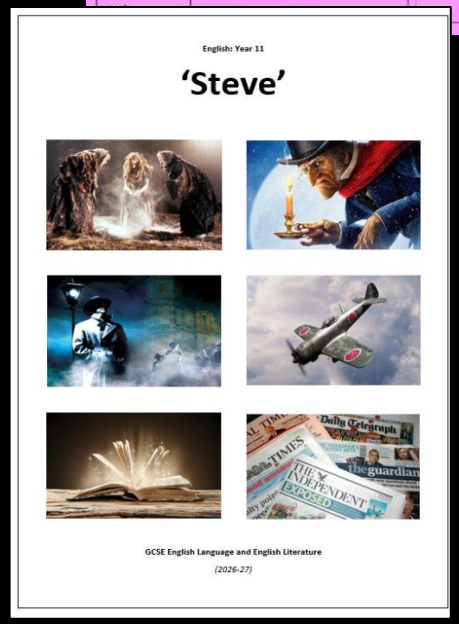


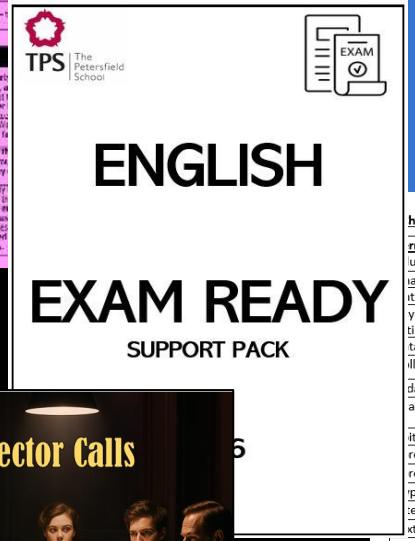
ACT 1	
1.	Set in April 1912, Brumley, Midlands, UK. The Birling family and Gerald Croft are celebrating Sheila Birling's engagement to Gerald with a dinner. Mr Birling lectures his son, Eric Birling, and Gerald about the importance of every man looking out for himself if he wants to get on in life. Edna (the maid) announces that an inspector has arrived. Inspector Goole says that he is investigating the death of a young woman who committed suicide, Eva Smith. Mr Birling is shown a photograph of Eva, after initially denying recognising the woman in the photo, he remembers firing her in 1910 for organising a strike over workers' pay. Sheila reveals she has the ring and Gerald admits he was involved with her in an upmarket department store. The Inspector reveals that Eva Smith changed her name to Daisy Renton. Gerald reveals to Sheila he had an affair with Daisy Renton.

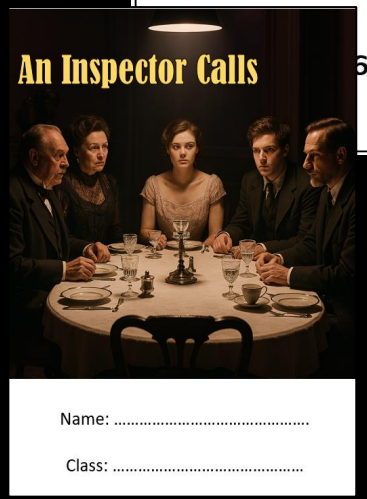
CHARACTER	QUOTATION
1. Inspector Goole	"The lighting should be pink and intimate. Until the Inspector arrives, and then it should be brighter and harder."
2. Mr Birling	"A man has to mind his own business and look after himself and his own."
3. Mrs Birling	"Men with important work to do cannot rest have to spend nearly all their time and energy on their business."
4. Mr Birling	"I'm talking as a hard-headed practical man of business and I say there isn't a chance of war."
5. Sheila	"Oh – it's wonderful! Look – mummy – isn't it a beauty? Now I really feel engaged."
6. Mr Birling	"As if we were all mixed up together like bees in a hive – community and all that nonsense."
7. Inspector Goole	"She ruined over a ton of disinfectant. Burnt her inside out, of course."
8. Sheila	"But these girls aren't cheap labour – they aren't machines."

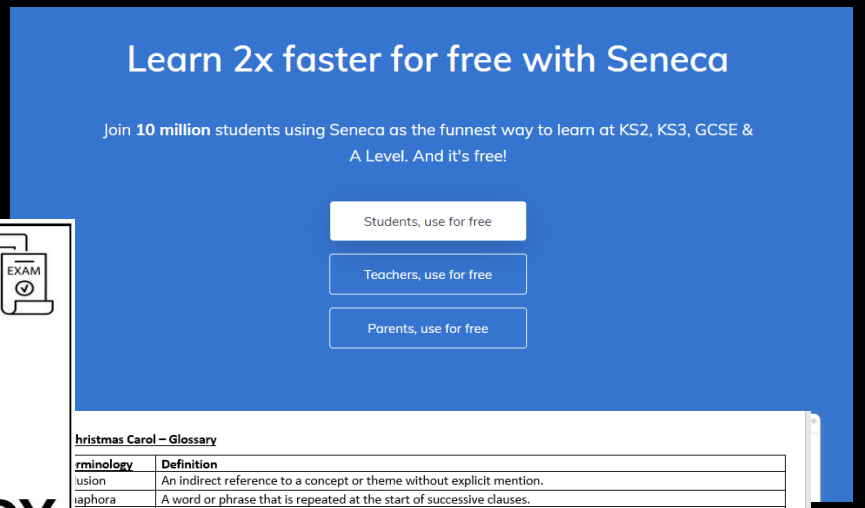
VOCABULARY	DEFINITION
1. Tension	Builds up throughout the play e.g. interrogation of characters, personal relationships, secrets.
2. Stage directions	Instructions in a play script that dictate how/why a character acts or behaves or how the staging should look at particular moments in the play. This helps to understand and interpret Priestley's intentions in the play.
3. Protagonist	The leading character or one of the main characters in a play, film, novel, etc.
4. Cliff hanger	A dramatic and exciting ending, leaving the audience in suspense and anticipation, and unsure what will happen next.
5. Tragedy	A play dealing with tragic events and having an unhappy ending, usually one concerning the downfall of the main character.
	Excessive pride or self-confidence.

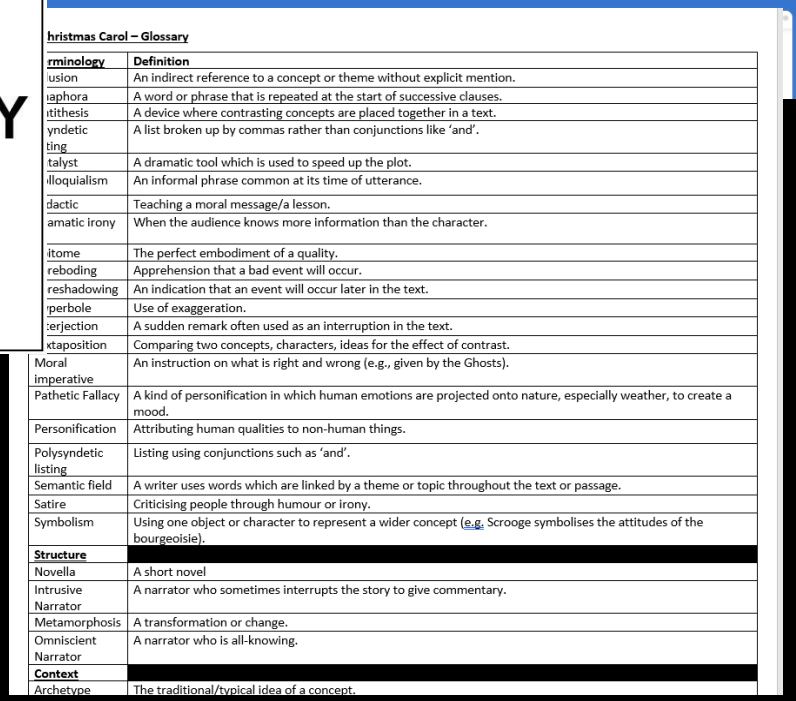
1. Alcohol consumption	The play begins with a party... port, and they drink... for Sheila, and champagne... arrives. The Inspector arrives... because he is "on duty"... family, and moments the...
2. The Inspector Calls	Calls in person and leaves... novel. The Inspector, of... person, allowing the story...
3. The Photograph	The photograph carries the... judgment. When each of... confronted by their own... watching them. People... crime, and these responses... way, the characters' varied... of their true personalities.











hristmas Carol – Glossary

rminology	**Definition**
usion	An indirect reference to a concept or theme without explicit mention.
iaphora	A word or phrase that is repeated at the start of successive clauses.
itithesis	A device where contrasting concepts are placed together in a text.
yndetic ting	A list broken up by commas rather than conjunctions like 'and'.
talyst	A dramatic tool which is used to speed up the plot.
illoquialism	An informal phrase common at its time of utterance.
dactic	Teaching a moral message/a lesson.
amatic irony	When the audience knows more information than the character.
itome	The perfect embodiment of a quality.
reboding	Apprehension that a bad event will occur.
reshadowing	An indication that an event will occur later in the text.
rperbole	Use of exaggeration.
erjection	A sudden remark often used as an interruption in the text.
xtaposition	Comparing two concepts, characters, ideas for the effect of contrast.
Moral imperative	An instruction on what is right and wrong (e.g., given by the Ghosts).
Pathetic Fallacy	A kind of personification in which human emotions are projected onto nature, especially weather, to create a mood.
Personification	Attributing human qualities to non-human things.
Polysyndetic listing	Listing using conjunctions such as 'and'.
Semantic field	A writer uses words which are linked by a theme or topic throughout the text or passage.
Satire	Criticising people through humour or irony.
Symbolism	Using one object or character to represent a wider concept (e.g. Scrooge symbolises the attitudes of the bourgeoisie).
Structure	
Novella	A short novel
Intrusive Narrator	A narrator who sometimes interrupts the story to give commentary.
Metamorphosis	A transformation or change.
Omniscient Narrator	A narrator who is all-knowing.
Context	
Archetype	The traditional/typical idea of a concept.

TPS

Homework – set and due in weekly

In the autumn term, An Inspector Calls Homework booklet – distributed practice

When studying Macbeth, they will revise A Christmas Carol.

When studying the poetry, they will revise Macbeth.



Name: .....

Class: .....

TPS

How can you help your child?



TPS

How can you help your child? - Literature

- Encourage them to re-read the Literature texts/watch performances/listen to audio-books – they should know the texts inside out.
- Test them on key quotations – use flashcards and pink sheets
- Discuss the texts
- Wider reading – British Library, Massolit Lectures
- Check homework – booklet every week to help them keep revising the key texts.

TPS

How can you help your child? - Language

- Read fiction and non-fiction texts regularly
- Discuss texts – what happens? How are characters introduced?
- Plan and write short pieces of creative writing
- Plan and write short pieces of non-fiction writing (articles, letters, speeches – opinion pieces)

TPS

Additional revision materials

- Massolit Lectures
- British Library – wider reading
- YouTube – Mr Bruff
- Study guides – AQA – CGP/York Notes
- Their own annotated texts
- AQA website – past papers
- Seneca – they can work on the areas they feel less confident about.

TPS

Maths

TPS | The Petersfield School

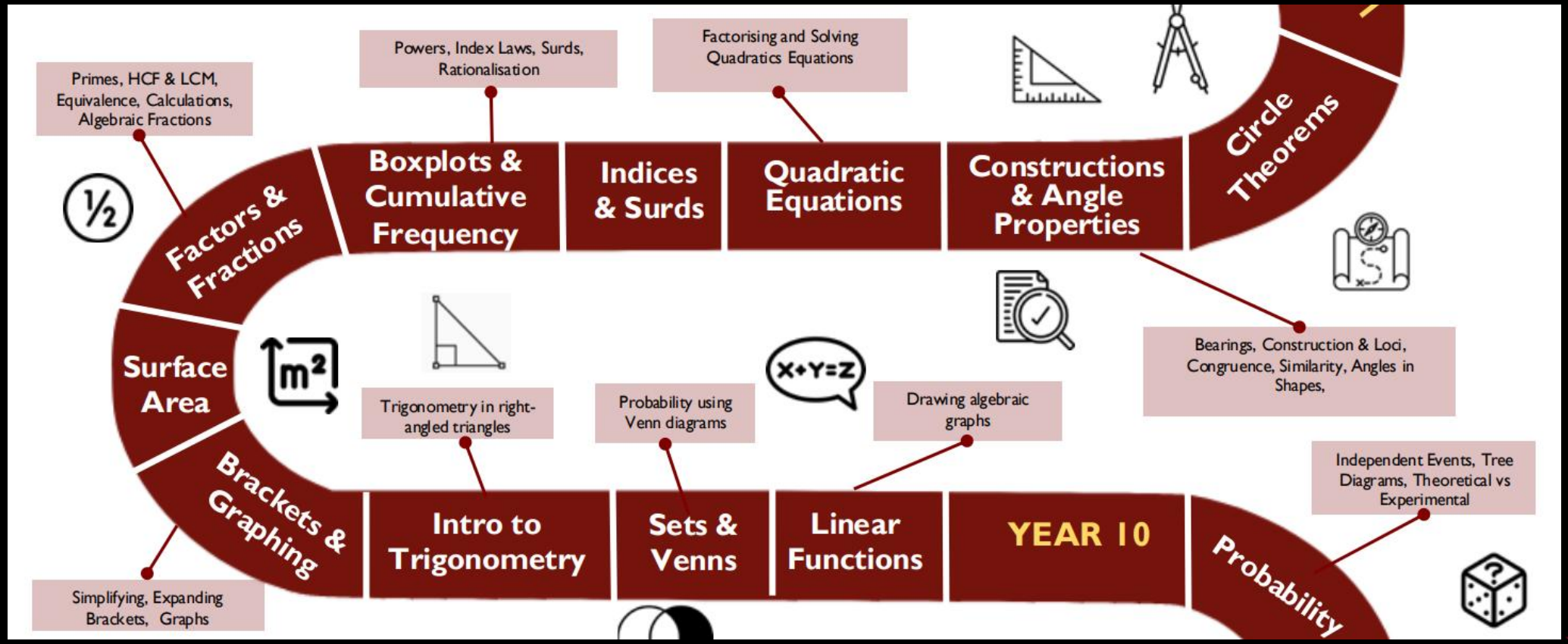


Mrs Lauren Hume - Head of Maths

enjoy respect achieve

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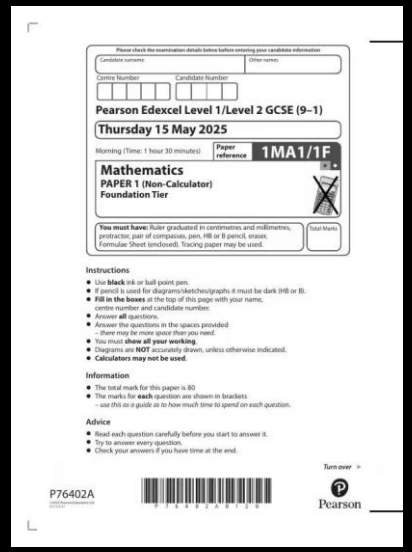
What will year 10 be learning?



What do Maths Exams look like?

Students sit three papers in total:

- Paper 1 non-calculator
- Paper 2 and 3 calculator
- Exam Board: Pearson Edexcel.



Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Thursday 15 May 2025

Morning (Time: 1 hour 30 minutes) Paper reference 1MA1/1F

Mathematics
PAPER 1 (Non-Calculator)
Foundation Tier

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB or B pencil, eraser. Formulae Sheet (enclosed). Tracing paper may be used.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- If pencil is used for diagrams/sketches/graphs it must be dark (HB or B).
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
  – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- **Calculators may not be used.**

Information

- The total mark for this paper is 80
- The marks for **each** question are shown in brackets
  – *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over

P76402A

Pearson



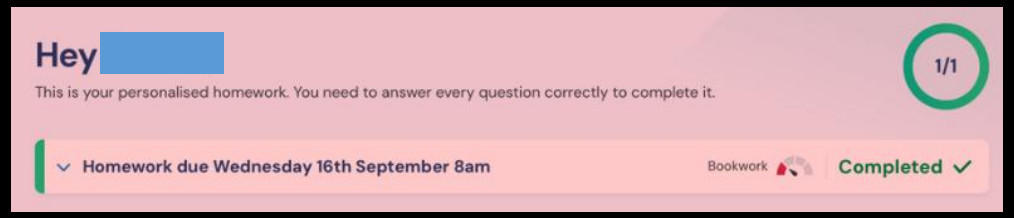
Students need to bring a pen, pencil, ruler, protractor, pair of compasses to each paper, plus a calculator for paper 2 and 3. We recommend the Casio Classwiz fx-83GT

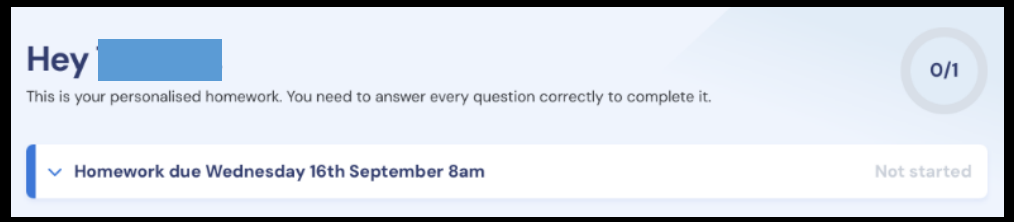
TPS

What your child should be doing right now

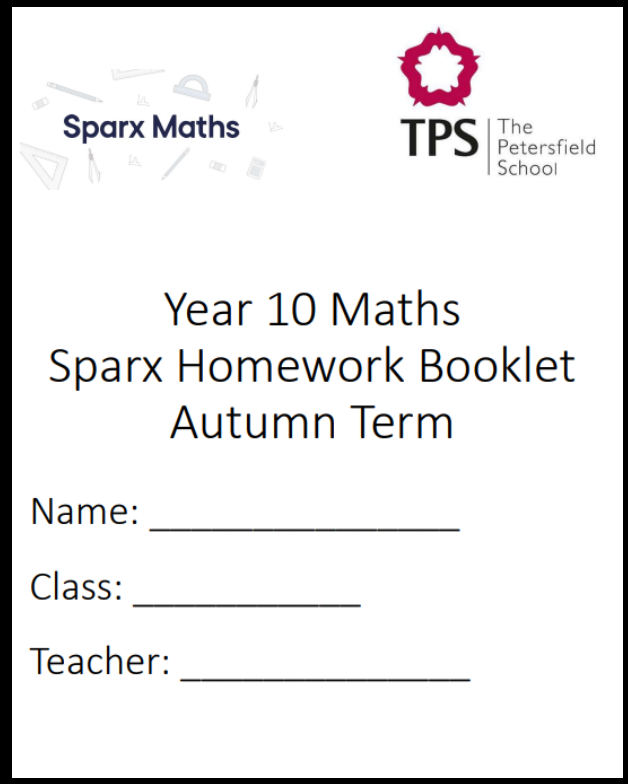
Homework:

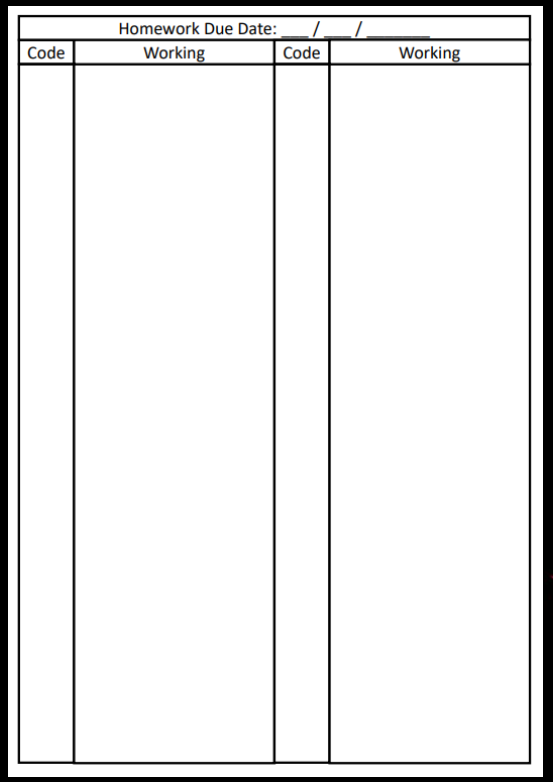
- Sparx homework should be completed once a week, including written workings in the sparx booklet.





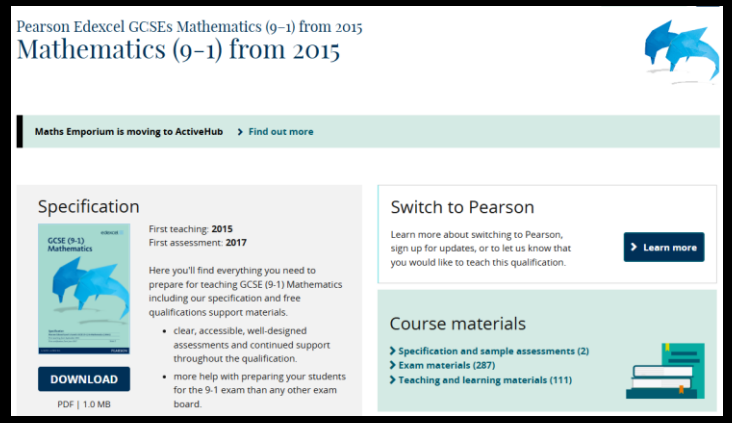
Due on Thursday





Other Helpful Resources

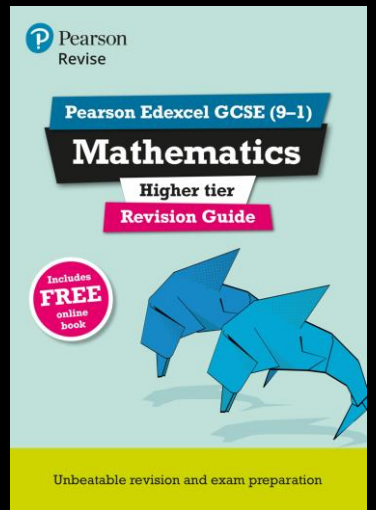
- Maths Genie (mathsgenie.co.uk)
- Hannah Kettle Maths (hannahkettlemaths.co.uk)
- 1st Class Maths (1stclassmaths.com)
- Sparx Independent Learning
- Revision Pathway
- Pearson Revision Guides

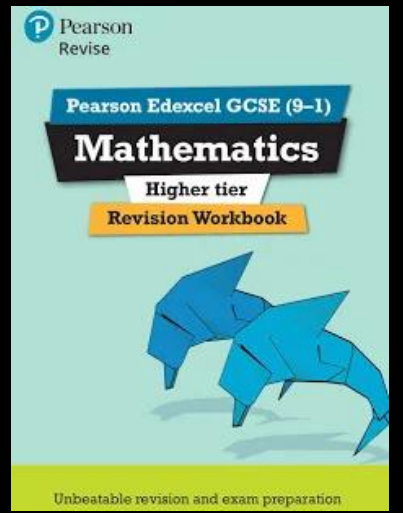


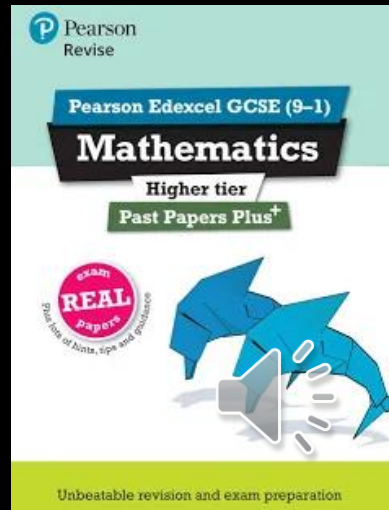
Maths Genie

Hannah Kettle MATHS TUTORIALS

1st







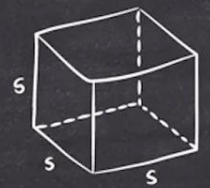


$ax^2 + bx + c = 0$

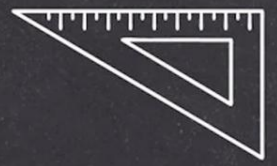


$V = \frac{4}{3}\pi r^3$

THE ONLY WAY TO LEARN MATHEMATICS IS TO DO MATHEMATICS



$V = s^3$



$y = mx + b$



Year 10 Science

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BOHUNT EDUCATION TRUST

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Programme of study – Year 10

- Biology – Infection, Cells Part 2, Inheritance, Variation and Evolution, Ecology Part 1
- Chemistry – Chemical Changes, Chemical Analysis, Quantitative Chemistry, Rates of Reaction Part 2
- Physics – Particle Model Part 2, Electricity, Forces Part 2, Magnetism

TPS

Year 10 Homework

- Weekly Sparx Quizzes
  - spaced retrieval of previously taught topics
  - independent learning challenge

- Homework booklets for Bio, Chem and Physics
  - Support development of exam skills and practice questions

TPS

Key assessment points

- Autumn Term
  - W/C 05th Oct - **BET Assessment** (Y9 content – Cells Part 1, Organisation Part 1, Bioenergetics, Rates of Reaction Part 1, Atomic structure Part 1, Bonding, Energy, Particle model of matter Part 1, Forces Part 1)

- Summer Term
  - W/C 12th April – **BET Assessment:**

- Biology paper 1 (Cells Part 1 and 2, Organisation Part 1 and 2, Bioenergetics, Infection & response)

- Chemistry paper 1 – (Atomic Structure Parts 1 and 2, Bonding, Quantitative Chemistry, Chemical Changes and Energy Changes)

- Physics paper 1 – (Energy, Electricity, Particle Model of Matter Parts 1 and 2, Atomic Structure and Radiation)

TPS

Support & resources

Padlets (QR links opposite) - password is TPS

Sharepoint (TPS Portal)

Youtube

- Cognito
- Freesciencelessons

MyGCSEscience

Mr Lown + 1 • 2d

GCSE Physics

A student kept asking the physics teacher, "What is the unit of power?" but the teacher just kept saying "Yes."

General Physics

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♡ 1

Physics Paper 1

1. Energy
2. Electricity
3. Particle model of matter
4. Atomic structure and radioactivity

♡ 2

Physics Paper 2

5. Forces
6. Waves
7. Electromagnetism
8. Space (Separate only)

♡ 0

Combined Specification



PDF

01 Energy

En Knowledge Organiser

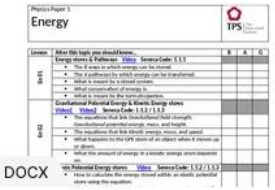


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1 - Energy Knowledge Organiser

♡ 4

En Module Front Sheet



DOCX

Energy_LO Front sheet

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En Knowledge Mat



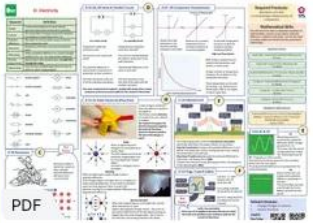
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02 Electricity

El Knowledge Organiser

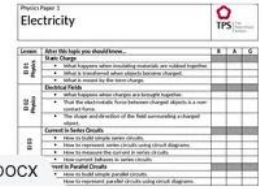


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2 - Electricity Knowledge Organiser

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El Module Front Sheet



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Electricity_LO Front sheet

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El Sharepoint



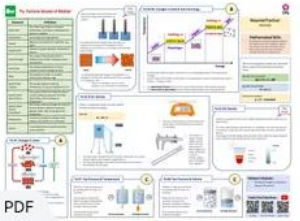
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03 Particle model of matter

Pa Knowledge Organiser

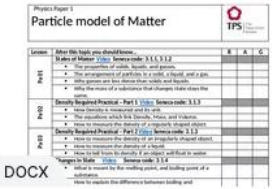


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3 - Particle Model of Matter Knowledge Orgnaiser

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Pa Module Front Sheet



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Particle Model of Matter_LO Front sheet

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Pa Sharepoint



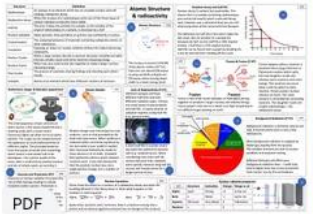
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04 Atomic Structure and Radioactivity

At Knowledge Organiser

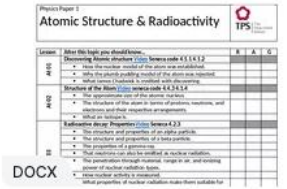


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4 - Atomic Structure Knowledge Organiser

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At Module Front Sheet



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Radiation_LO Front sheet

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At Sharepoint



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05 Forces

Fo A Knowledge Organiser

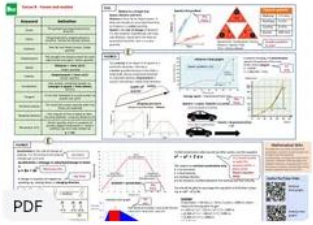


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Fo A - KO Forces and their interactions

♡ 1

Fo B Knowledge Organiser

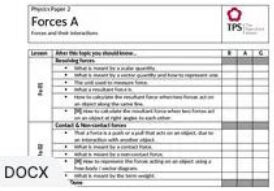


PDF

Fo B - KO Forces and Motion

♡ 0

Fo A Module Front Sheet



DOCX

Forces A_LO Front sheet

♡ 0

TPS

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School Nurse
Andy Phillips
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Assistant Headteacher – Alternative Provision -& Safeguarding
Carol Taylor – ctaylor@petersfieldschool.com



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Assistant Progress Leader
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ckendrick@petersfieldschool.com

Year 11
Progress Leader
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Year 11
Assistant Progress Leader
Tonie Vigliotti
tvigliotti@petersfieldschool.com

Year 7 Tutor Team I **Year 8 Tutor Team** **Year 9 Tutor Team** I **Year 10 Tutor Team** I **Year 11 Tutor Team**

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Year 10 Tutor Team

Bourne:
Miss Mosquera
Mrs Newman & Dr Weavis

Joseph:
Mrs McMenemy
Mr Currie

Mirren:
Mrs Vaudrey & Dr Cook
Mr Seddon

Redgrave:
Mrs Rushmere
Miss Garcia-Garcia

Zepheniah:
Ms Green & Mrs Farren
Mrs Tyler & Dr Cook

Assistant Headteacher – Alternative Provision -& Safeguarding
Carol Taylor – ctaylor@petersfieldschool.com

fficer

petersfieldsc

School Nurse
Andy Phillips
nurse@petersfieldschool.com



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Assistant Progress Leader
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Year 7
Progress Leader
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Year 7
Assistant Progress Leader
Rachel Logan
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9 Year 8
gress Leader
Caroline Kendrick
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sfieldschool.com

Year 11
Progress Leader
Lewis Cornwell
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Year 11
Assistant Progress Leader
Tonie Vigliotti
tvigliotti@petersfieldschool.com

Year 9 Tutor Team | **Year 10 Tutor Team** | **Year 11 Tutor Team**

TPS The Petersfield School



Moments matter;

Attendance **really** counts

Children thrive at 95%+

TPS | The Petersfield School

Children thrive at **95%+**

- 90% attendance means nearly 100 missed lessons a year.
- Over secondary school, 90% attendance means missing half of entire academic year.
- Only **4 in 10 students** who attend school 4.5 days a week (90% attendance) pass GCSE English and Maths.
- Nearly **9 in 10 students** with who attend school every day pass GCSE English and Maths.
- Children **miss out on brilliant opportunities** when they are not here. They are missed by their **friends**.
- Being in school helps children to feel they **belong**, which is critical for their wellbeing.



NHS - is my child too ill for school?

TPS

Year 10 Outdoor Education Opportunities...

Outdoor Classroom



Keep an eye out in **TPS Weekly** or come see **Miss Howell** and **Miss Taylor**

Silver Duke of Edinburgh







Ocean Youth Trust Voyages

Paddleboarding



Scuba Club



Kayaking









Paragliding

ASC Sailing Lessons



Horse Riding Club

TPS

Silver Award
Duke of Edinburgh

Reasons to participate:

- Highly valued by colleges and employers
- Sets you apart from those who have just done Bronze
- Progresses you towards the coveted Gold Award



Cost - £430 2025/26 (TBC from HCC for 2026/27)
Includes registration, expedition fees and transport

Please note you must have completed and had Bronze Award signed off.

Expedition dates

- **Practice:** 7th-9th May
- **Assessed:** 16th-18th June

MORE DETAILS COMING SOON....

TPS


IT'S A MARATHON,
NOT A SPRINT

TEAM TPS



TOGETHER
EVERYONE
ACHIEVES
MORE

enjoy respect achieve

TPS