

# Cambridge Academy for Science and Technology

The best in everyone™

Part of United Learning

Year 10 Information Evening - Tutors

# OTHER KEY STAFF



**Sam Lakin (SENCo)**

Samantha.Lakin@CambridgeAST.org.uk



**Fiona  
Donnelly (Inclusion Co-ordinator)**

Fiona.donnelly@cambridgeAST.org.uk



**Jen Wilby (Careers Coordinator)**

Jennifer.Wilby@CambridgeAST.org.uk



**Fiona Baird (Pastoral Year Co-ordinator)**

Fiona.Baird@cambridgeAST.org.uk

# Pastoral Structure

- First point of contact is me for any issues
- Second point of contact is Head of Pastoral for your child's Key Stage, for year 10 it is Andrew Kennedy
- Fiona Donnelly and or Fiona Baird work with students where external service support may be needed.
- Student Services can help both students and parent with day to day enquires e.g. forgotten lunch, lost folders

# Punctuality and Attendance

- We have an expectation that your child's attendance will be above 96%, less than the equivalent of 7 days absence in a year. **Every lesson counts!**
- With many students travelling on public transport, we know at times trains or buses can be cancelled or delayed. We request that students provide evidence as to why they are late e.g. photo of a train announcement board showing cancelled trains to avoid sanctions for lateness.
- Any absences beyond 7 days will be marked as unauthorised unless we receive medical evidence
- When students are late to school, an email is sent home informing you. We know that often you will be aware, but it is an important part of our safeguarding duty
- Please try to make appointments outside of school time wherever possible.

# Work Experience

**Work experience week: 19th to 23rd May**

- Students will be introduced to this in Challenge
- Students are expected to find their own placements
- We suggest:
  - Ask family, friends or neighbours first
  - Approach companies directly - see websites for contact names then call, email or visit
  - If you are really stuck for ideas, ask Jen

**Start early as it may take a while to find a placement and we need time to complete all the necessary health and safety checks**

**Forms in by Tuesday April 22nd 2025, at 9am**



# Assessment and feedback

- Exams happen twice a year
- Revision is needed in addition to independent work that is set
- Exams will be in each subject, held in the hall under examination conditions. They cover all the work done up to that point in each subject
- Written feedback will be given and acted upon.

## Year 10 exam dates

- Monday 13th January
- Wednesday 11th June

# Assessment and feedback

- Results from assessments will be added to Arbor two weeks after the exams have finished.
- The progress of all students is analysed, and intervention is put in place where necessary
- You will receive feedback from teachers twice a year as outlined in the previous talk

# TIMETABLE

- As you are aware, year 10 lessons end at 3:40pm Monday - Wednesday. The rest of the week, year 10 finish at 2:50pm
- As year 10 are studying GCSE courses there is an expectation that they will be working at home especially on those days their lessons end at 2:50pm, for about an hour to an hour and a half.
- Even if no work is set directly or they have completed it all, there is always something they could be doing such as recapping.



# Independent Study

- Set weekly in each subject with timetabled lesson time made available to complete although some may need to be completed at home
- Tasks will be set using Assignments in TEAMS – this will inform the due date
- For any students needing extra support to complete their independent study tasks an after-school session will be held on Friday afternoons from 2.50-3.40pm

Activity

Teams

Calendar

Assignments

OneDrive

...

Apps

Teams

Classes

CAST Year 11 Challenge 2025

CAST A-level Environmental Science

CAST GCSE Geography Class of 2025

CAST GCSE Psychology Class of 2025

CAST GCSE Psychology Class of 2024

CAST A-Level Psychology Class of...

CAST A-level Psychology Class of...

CAST A-level Geography Class of 2025

CAST GCSE Geography Class of 2024

CAST A-level Geography Class of 2024

CAST Y9 Geography Class of 23-24

CAST Y11 Health & Social Care Class of 2024

Student Leadership

Year 11 Tutors

CAST GCSE Psychology Class of 2026

HSC Y10

CAST GCSE Geography Class of 2026

CAST A-level Geography Class of 2026

CAST Y9 Geography Class of 24-25

CAST Y11 Challenge 21-22

CAST A-Level Psychology Class of...

Teams

Geography Department

CAST Staff

Health and Social Care Department

Prom Team

DoFe Admin

CAST Health and Safety Handbook

Join or create team

Click on Assignments for their homework

# Independent Study

Tasks will vary depending upon the requirement of the subject but typically these may involve tasks set from:

- Sparx Maths (Maths)
- Sparx Reader (English)
- Isaac Physics (Physics)
- Sparx Science
- SENECA

# Independent Study

- Students not attempting any Independent Study Task will be expected to attend the **Friday afternoon** support session in order that we can help and support them to learn and make progress in their studies.
- Parents will be contacted in advance to advise if this is the case.
- If you would like your son/daughter to attend, then we will be more than willing to support you in this.

Please e-mail: [edward.roberts-rayne@cambridgeast.org.uk](mailto:edward.roberts-rayne@cambridgeast.org.uk)

## YEARS 9-11

[Calendar](#)

[Curriculum](#) ▼

[Introduction](#)

[Biology](#)

[Chemistry](#)

[Computer Science](#)

[Design Engineer Construct](#)

[English](#)

[Geography](#)

[BTEC Health and Social Care](#)

[Information Technology](#)

[Maths](#)

[PE](#)

[Physics](#)

# CURRICULUM



**Introduction**



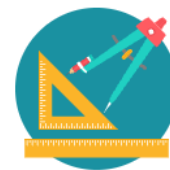
**Biology**



**Chemistry**



**Computer Science**



**Design Engineer Construct**



**English**



# Example information

## GCSE Biology

In years 10 and 11 the students follow the [AQA GCSE Biology Specification](#). The course introduces and develops the ideas and theories surrounding how organisms function and evolve. Each unit has at least one compulsory practical where the students draw on their laboratory skills learnt in Year 9. Understanding of these practicals is assessed in the exams. The majority of the course is taught in Year 10 so there is time for a full revision program of study at the end of Year 11 leading up to the Biology GCSE exams. Click on the unit titles for content via BBC Bitesize.

Year 10	
Autumn Term 1	<a href="#">Cell Biology</a> (unit 1) covers basic concepts of the cell and the transport of substances across membranes.
Autumn Term 2	<a href="#">Organisation</a> (unit 2) explains how the organism is adapted to maximise the transport of substances, which links back to the transport of substances across membranes covered in cell biology. <a href="#">Infection and response</a> (unit 3) starts with how the body is adapted to stop the entry of pathogens.
Spring Term 1	<a href="#">Infection and response</a> (unit 3) continues with how the body responds when they do

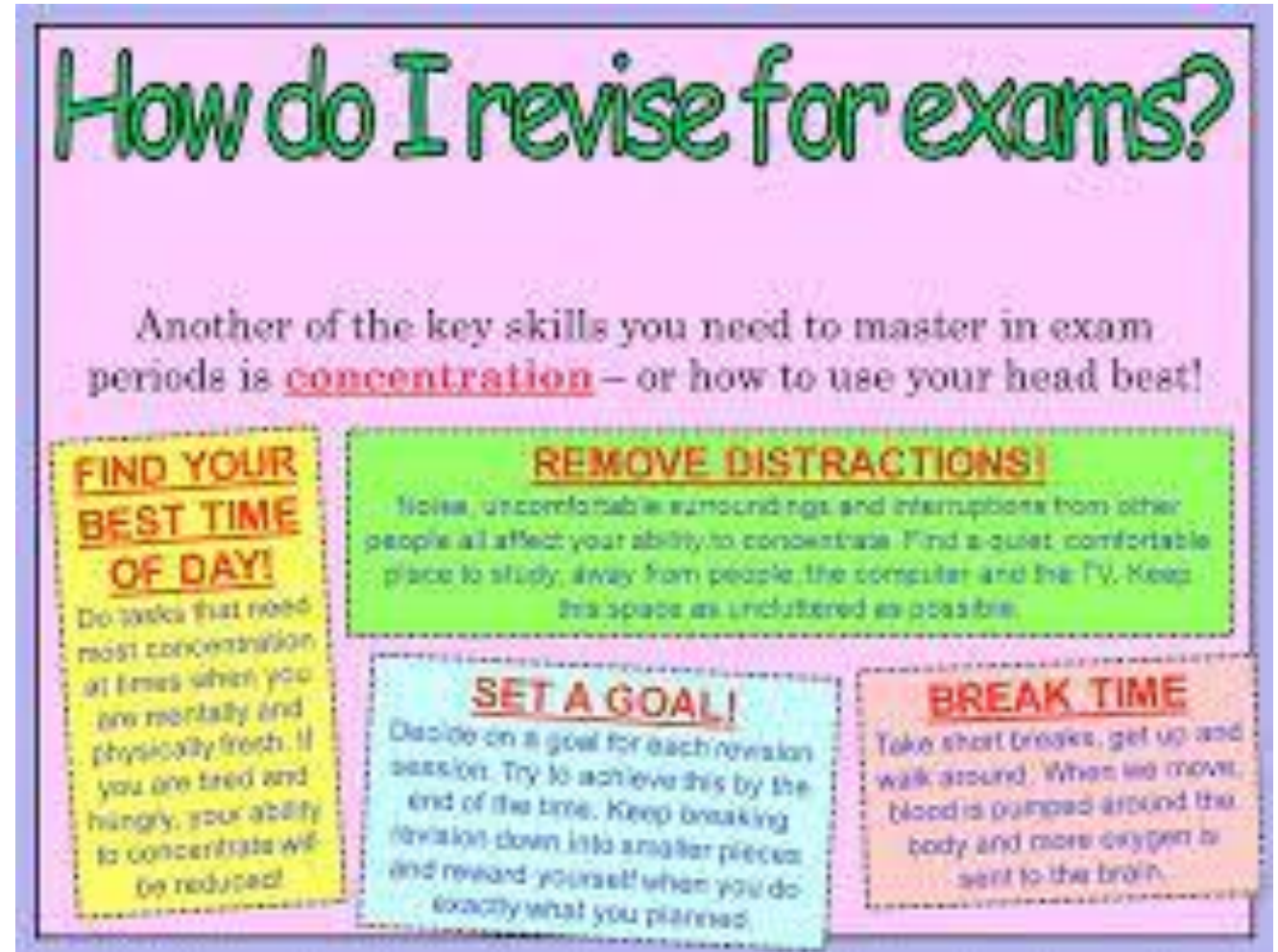


# How to revise for assessments

The next few slides will explain how you can best support your son or daughter to make the most out of their revision

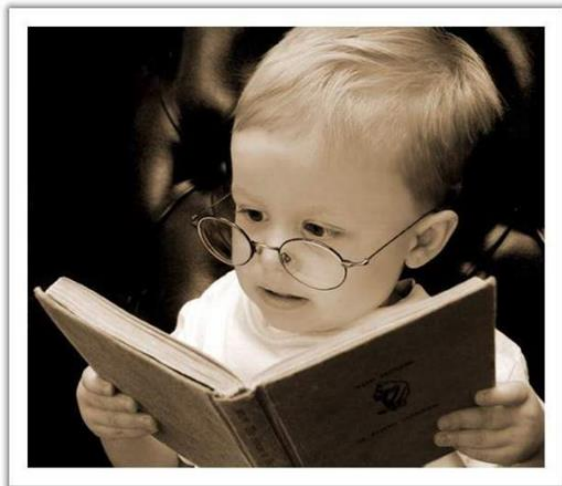


\*A focus group of 5 University graduates was used to collect information for this infographic 9/20/2024



# Study Skills

- There is no right way to revise
  - Everyone is different
  - Students will need to try different methods to find out what is best for them
- **A common mistake:**
  - People often spend more time revising for things they are good at instead of revising for things they find difficult.



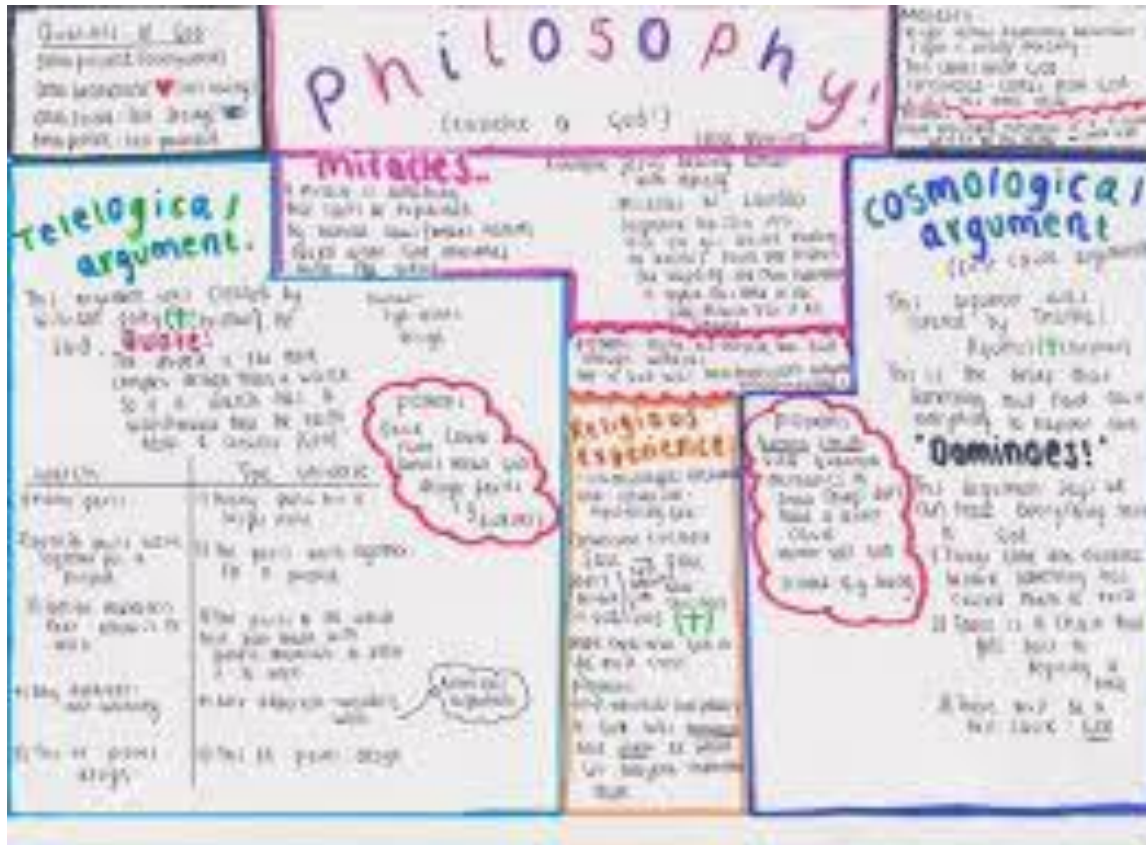


# **Read**

This is important in some subjects where a depth of knowledge or interpretations are important such as Psychology or English.

It's important that you take clear, concise **notes** from what you read!





Make **posters** of key notes, facts and equations and stick them around the house where they can be seen.



***Reduce/  
condens  
e notes!***

Step 1 – start BIG (A3)

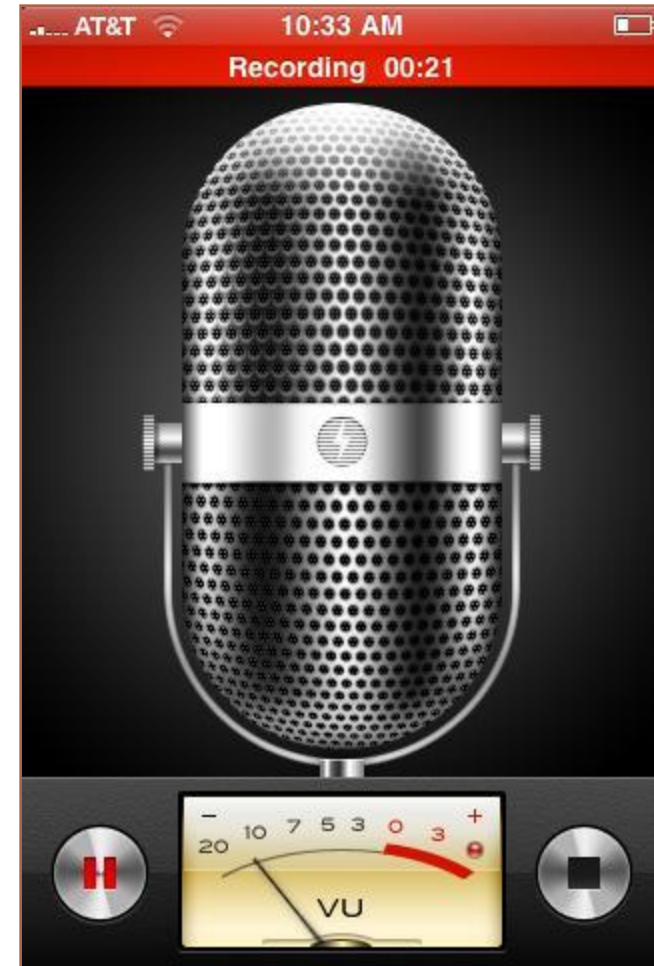
Step 2 – reduce/condense  
(A4)

Step 3 – reduce again  
(revision cards)



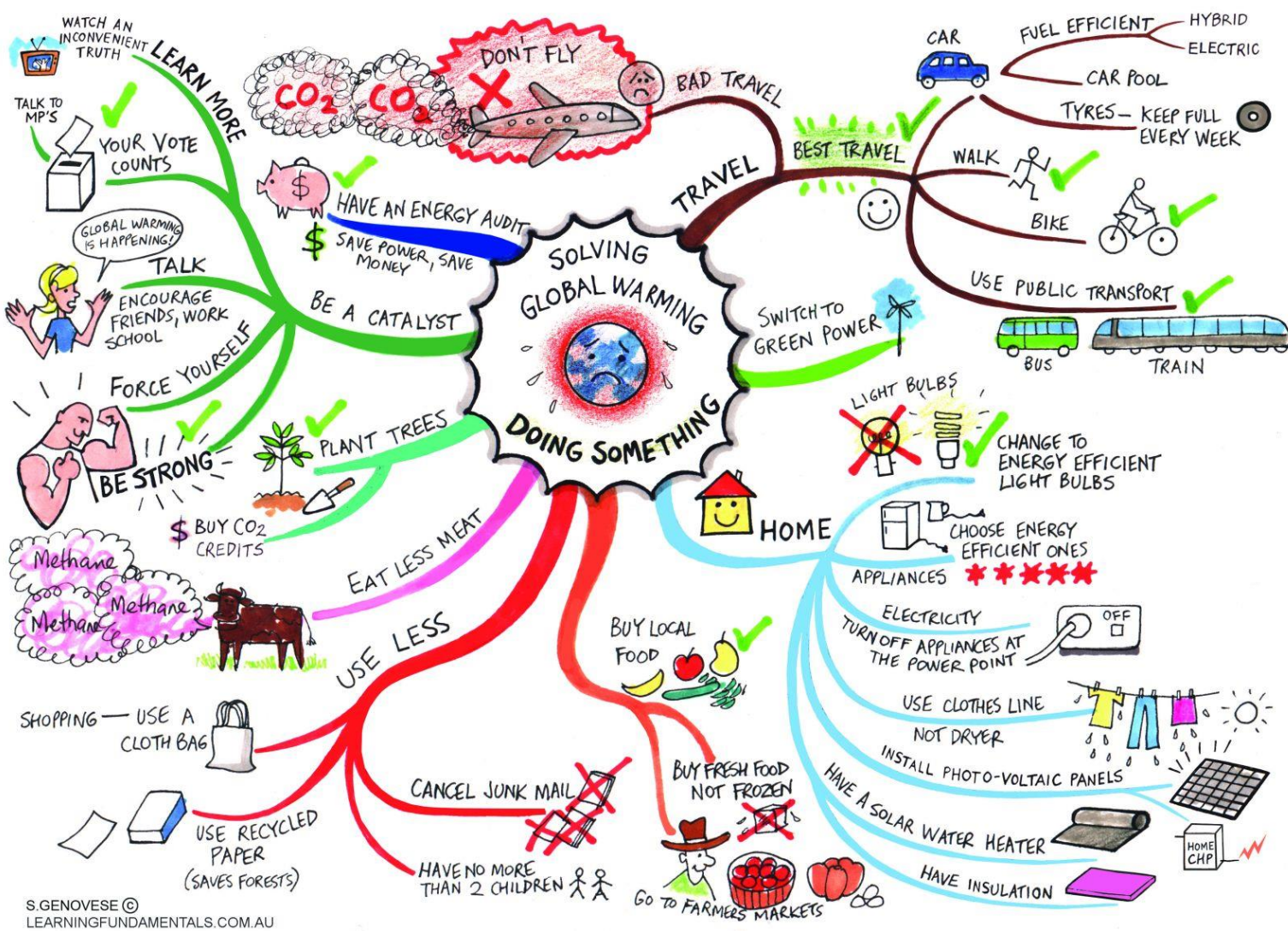
**Record** yourself reading notes to listen to.

Most devices have a free voice recording software and there are so many free online programmes like 'audacity'. Just type voice recorder into *Google*.



The creative ones could create a song of their notes!  
Or a play list with them speaking over the top.





Create memory aids such as *diagrams* or mind maps

There are loads of free online mind mapping tools

# Create memory aids such as ***mnemonics***

Order of colours in the rainbow, or visual spectrum:

**(Red, Orange, Yellow, Green, Blue, Indigo, Violet)**

**Richard Of York Gave Battle In Vain.**

Order of taxonomy in Biology:

**(Kingdom, Phylum, Class, Order, Family, Genus, Species)**

**Kids Prefer Cheese Over Fried Green Spinach.**

Type 'mnemonic generator' into *Google*



## Look at it



**Say it**



## Cover it



## Write it



### Check it

Timelines, key words, key equations can all be learned easily by using this method.

There are **23** equations they need to learn in Physics!!

Turn the huge  
amount of  
revision notes  
into small and  
easy to handle  
*revision cards*.

Even better.....

Put a **question** on the front of the card and the  
answer on the back (in note form).  
Parents can then **test** them on it!





Do exam questions and papers under *timed* conditions



You can get these online

You can also download **mark schemes** to give you the answers and **examiners' reports** which point out common errors.

# KEY DATES FOR YEAR 10

## **Year 10 Formal Assessments:**

- Monday 13th January 2025
- Wednesday 11th June 2025

## **• Year 10 Parent Evenings:**

- Wednesday 20th November 2024
- Wednesday 26th February 2025

- **Work experience week:** 19th to 23rd May 2025

# Reminders

- Everyone needs to bring a padlock for their lockers to secure their belongings
- No one should be wearing trainers
- Skirts should be just above the knee
- Students should be wearing a jumper at all times in the building (exceptions will be made when weather is particularly hot).