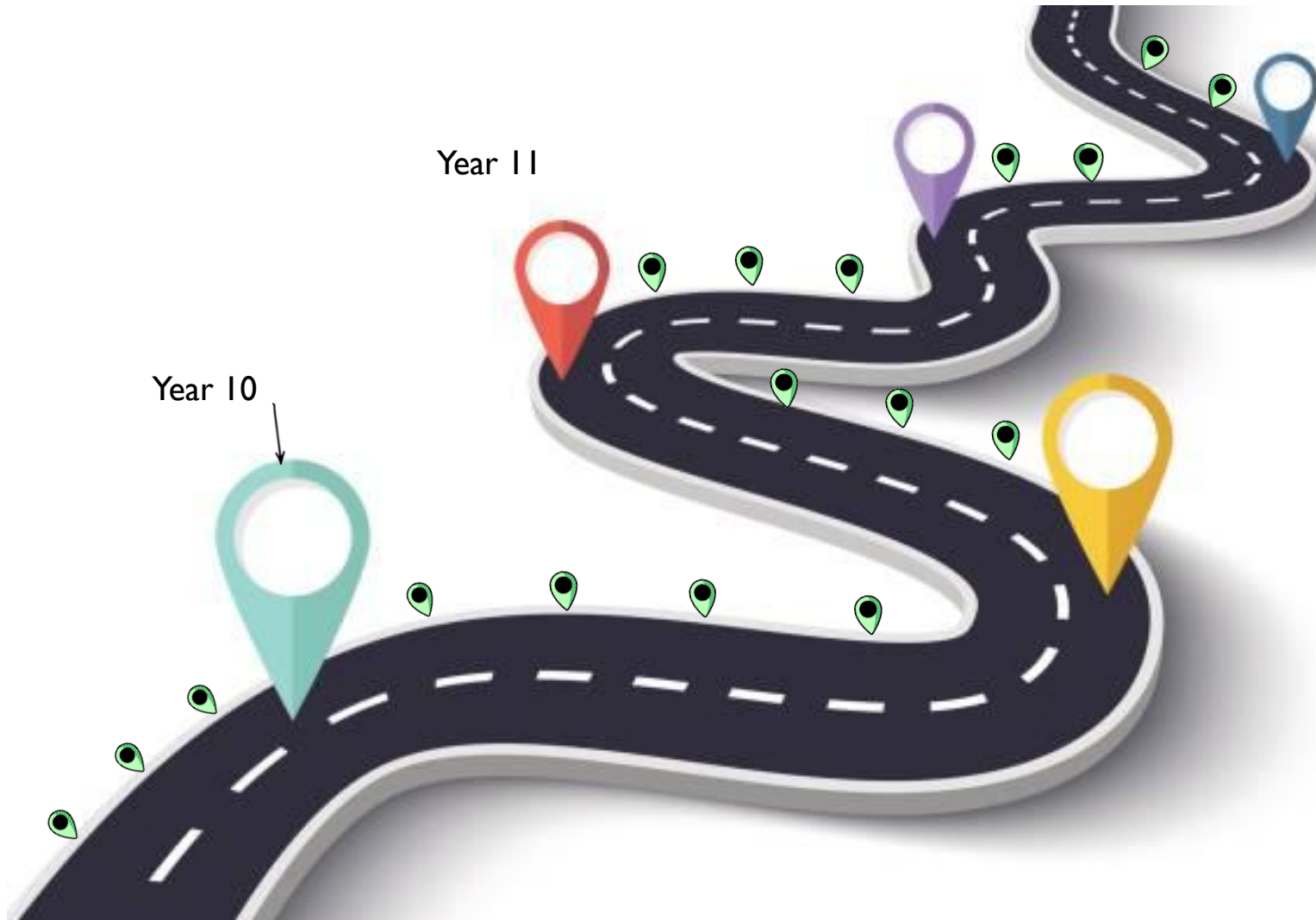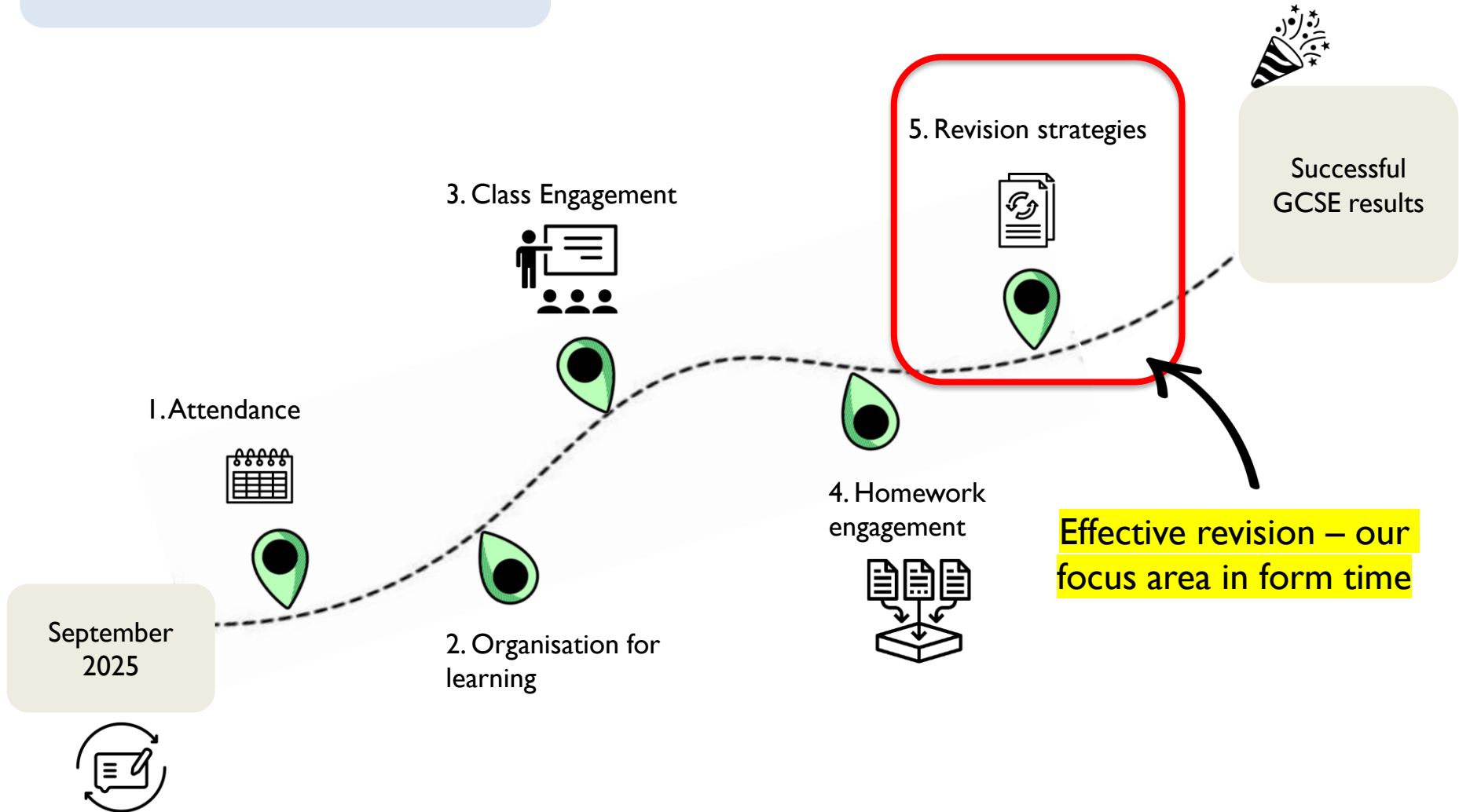# Year 11

Study skills based on cognitive science

GCSE journey – *the last 6 months!*

Year 11

Year 10

GCSE examinations officially begin on 5th May 2026

To secure success in your GCSEs

5. Revision strategies

3. Class Engagement

Successful GCSE results

1. Attendance

4. Homework engagement

September 2025

2. Organisation for learning

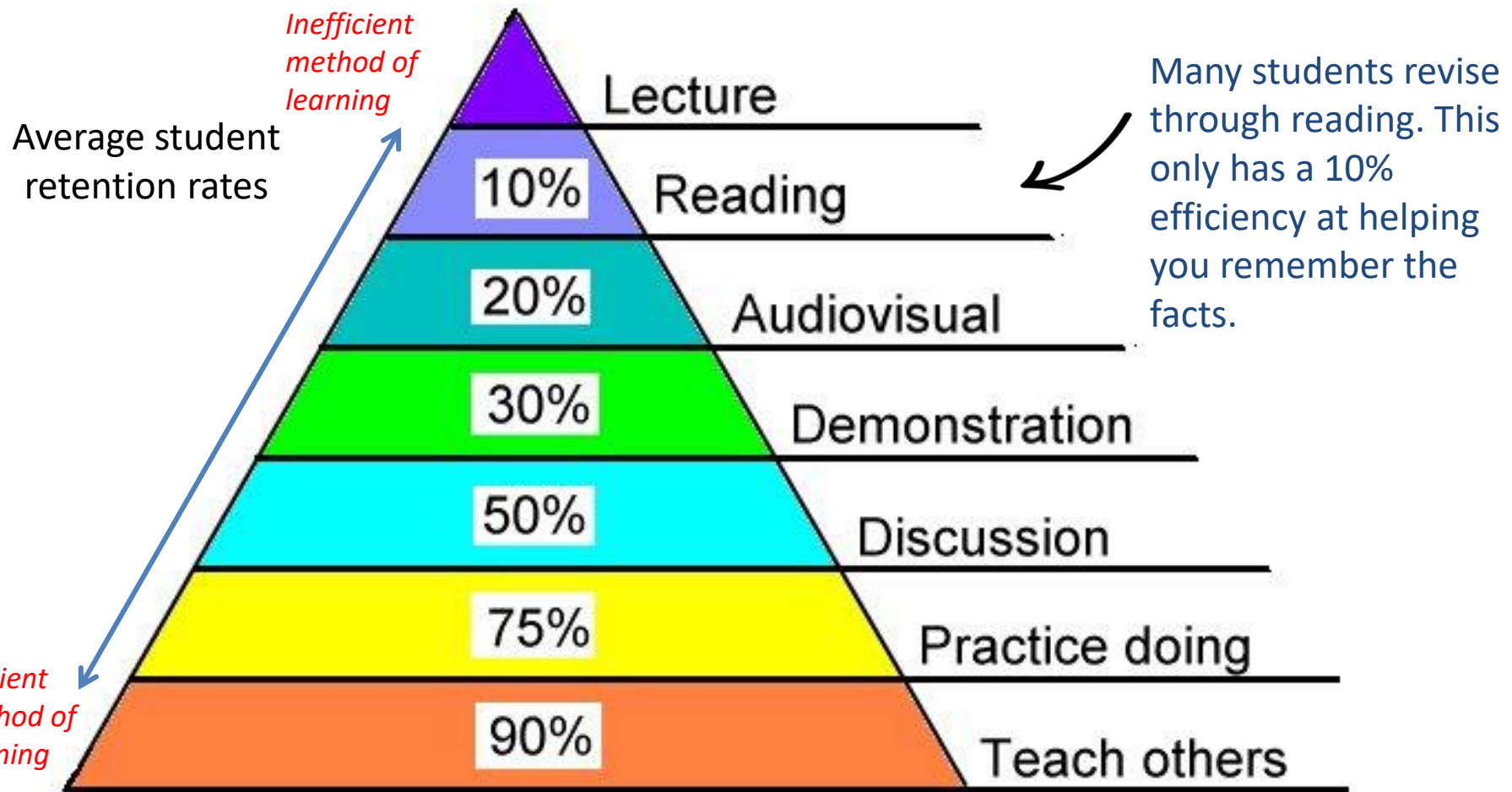Effective revision – our focus area in form time

How students learn?

We need to support you to commit your knowledge to **long term memory**, which is bigger than your working memory. It is more like a hard drive.

Working memory is **incredibly small**.
We soon forget things in our short-term memory

This learning pyramid shows different percentages of a student retaining knowledge based on different methods of learning.

Inefficient method of learning

Average student retention rates

Many students revise through reading. This only has a 10% efficiency at helping you remember the facts.

Lecture

10% Reading

20% Audiovisual

30% Demonstration

50% Discussion

75% Practice doing

90% Teach others

Efficient method of learning

Source: National Training Laboratories, Bethel, Maine

Over time, our retention of knowledge decreases from being fingertip knowledge.

So, we have to keep revisiting knowledge so that we can embed it into our long-term memory

THE FORGETTING CURVE
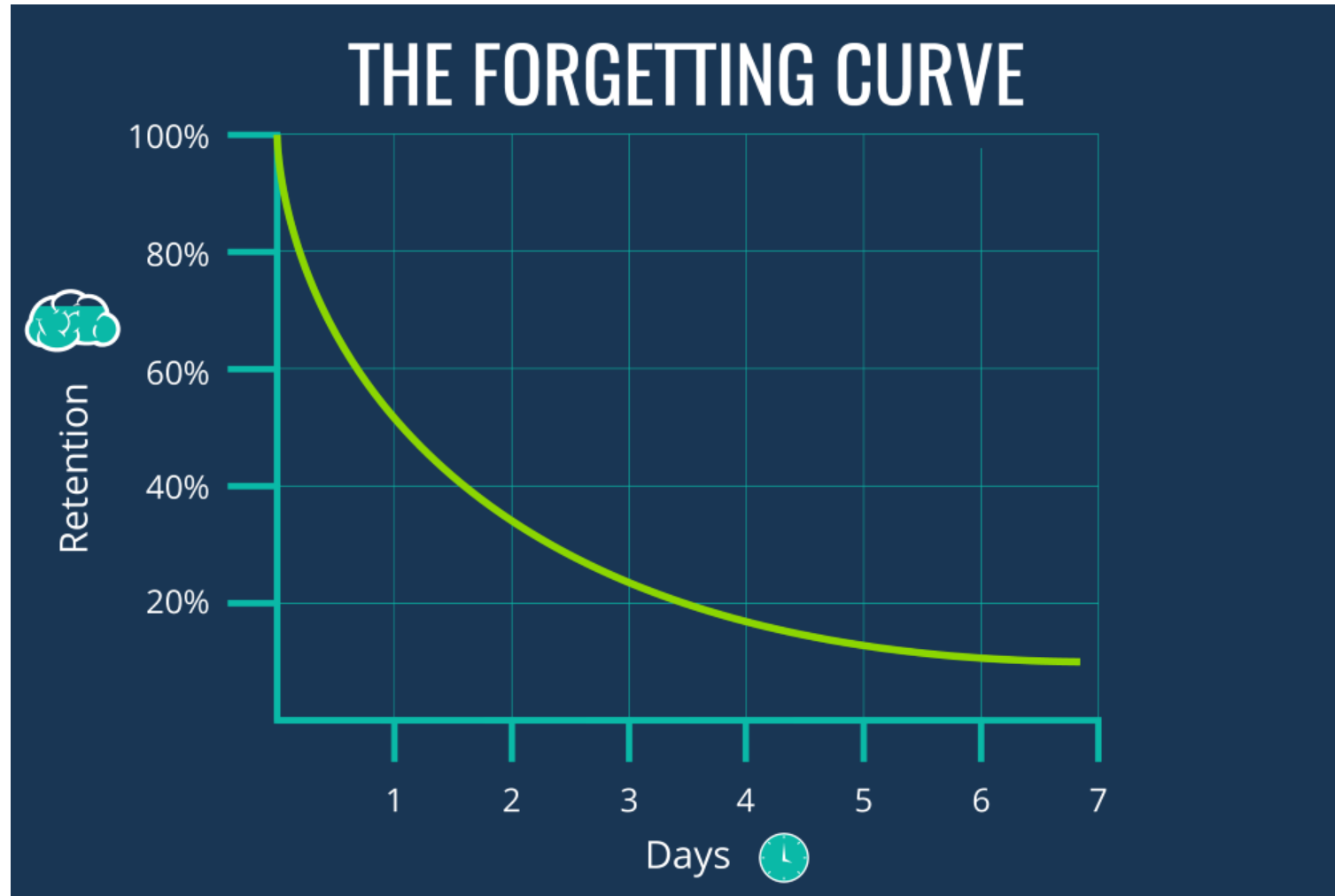
Retrieval practice is an important method which enables you to **interrupt this forgetting curve**

The FACE it revision model

1.	2.	3.	4.
LEARNT THE FACTS	**APPLY IN CONTEXT**	**CONNECT IDEAS**	**TEST IN EXAM CONDITIONS**

1. LEARNT THE FACTS

- Flash cards
- Graphic organisers
- Mind maps
- Knowledge organisers
- Self-quizzing

2. APPLY IN CONTEXT

- Tackle questions where the knowledge is being recalled.
- At this point think – has your step 1. Learn the facts worked?

3. CONNECT IDEAS

- Attempt questions that require students to draw on knowledge from one topic area or apply knowledge to previously unseen ideas.

4. TEST IN EXAM CONDITIONS

- Use past exam questions to rehearse the process of responding under time pressure.

- It scaffolds each stage, until you are ready to carry out some deliberate practice – test in Exam questions.

- We have this model to help you interrupt the forgetting curve and to embed your knowledge into your long-term memory.

What would a breakdown of the English language FACE it revision model look like?
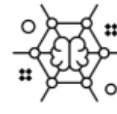
The FACE it revision model

1.	2.	3.	4.
LEARNT THE FACTS	**APPLY IN CONTEXT**	**CONNECT IDEAS**	**TEST IN EXAM CONDITIONS**

You have three minutes to identify precisely what you would do for each stage?

What would a breakdown of the English language FACE it revision model look like?

The FACE it revision model

1.	2.	3.	4.
LEARNT THE FACTS	**APPLY IN CONTEXT**	**CONNECT IDEAS**	**TEST IN EXAM CONDITIONS**

1. LEARNT THE FACTS

- Create revision resources to summarise the question requirements for paper 1 and 2, including marks, minutes, skills and top tips/ reminders.

This could be using:
- flashcards
- bullet point summaries
- mind maps

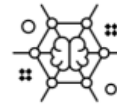- Use the resources on BBC bitesize and the school website.

You have three minutes to identify precisely what you would do for each stage?

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APPLY IN CONTEXT

- Read a range of fiction and non fiction texts.
- Use the revision checklists and assessment objectives checklist to test yourself– or get a friend /family member to test you.
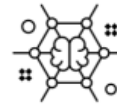- Practise constructing plans for question 5s.
Describe a..
Write a story where...
Write a ...... where you explain your view on...

3.

CONNECT IDEAS

4.

TEST IN EXAM CONDITIONS

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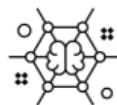- Practise constructing plans for question 5s.

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Write a story where...
Write a ...... where you explain your view on...

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CONNECT IDEAS

- Can you retrieve information, summarise key ideas, comment on the effect of language/ structure in a range of unseen texts?
- Can you identify viewpoints in non fiction texts– access them online (The Guardian, The Times, The Telegraph, The BBC)
- Can you evaluate interpretations in fiction texts?

4.

TEST IN EXAM CONDITIONS

You have three minutes to identify precisely what you would do for each stage?

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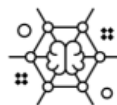- Practise constructing plans for question 5s.

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- Can you evaluate interpretations in fiction texts?

4. TEST IN EXAM CONDITIONS

- Access past questions for Paper 1 and Paper 2 on www.physicsandmathstutor.com
- Practise writing responses in timed conditions.
- Check the mark schemes and exemplar responses on the AQA website or the website link above.

You have three minutes to identify precisely what you would do for each stage?

Y11 Revision support

All AGS Revision support can be found online on the AGS website

HOME   ABOUT US   STATUTORY INFORMATION   PARENTS   SIXTH FORM   WORKING FOR US   CONTACT
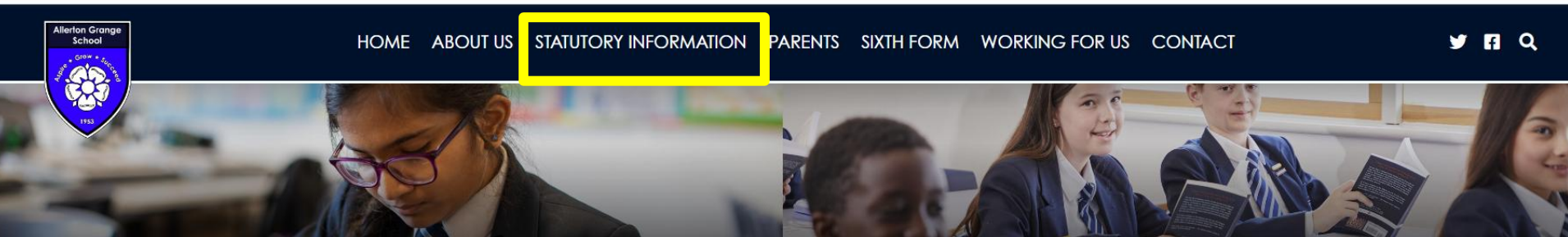
Step 1
Click on the top bar of the website
– Statutory Information

School Contact Details

Keeping Children Safe in Education

Annexe A Child Protection Guidance

Accessibility Policy Statement

Admissions

Careers

Charging & Remissions Policy

- Curriculum

Curriculum T Assessment Policy

Curriculum

Equality, Diversity & Inclusion

Exam & Assessment Results

Freedom of Information Policy

YOU ARE HERE | HOME

Governors Information &

Ofsted Reports

Step 2
Click on 'Curriculum' on the drop down menu

PARENTS

Current Parents ⌄

AGS Newsletters

Covid-19 Information

Year Teams

Curriculum ❯

Extra-Curricular ❯

School Calendar & Term...

School Day

School Uniform

School Equipment

School Reports

Exams & Revision ⌄

KS4 Resources

KS5 Resources

Home/School Agreement

Letters

Step 3
On the left a drop down menu will appear. Click on this and it will take you to the KS4 resources.

Maths

Maths FACE IT revision model

Maths Revision Check List - Foundation and Higher

Maths Revision Check List - Foundation only

Maths Revision Check List - Higher only

For each subject you will see:
- Revision check list
- Syllabus
- FACE it revision model

Revision is underpinned by effective planning and stage 1 is vital – learn the facts.

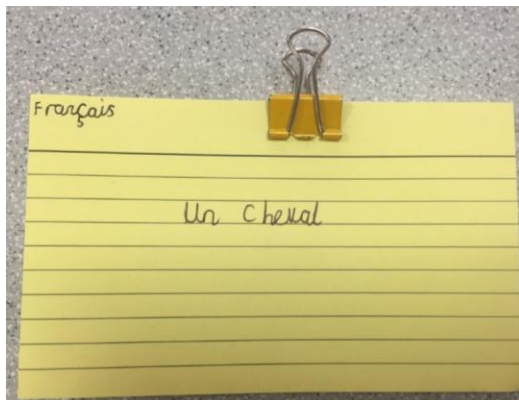1. **LEARNT THE FACTS**

Revision strategies to learn the facts

In pairs identify all the methods you know of which helps to learn the facts.

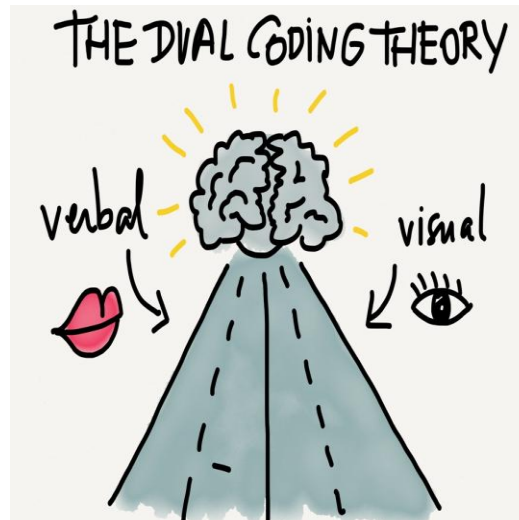Revision is underpinned by effective planning and stage 1 is vital – learn the facts.

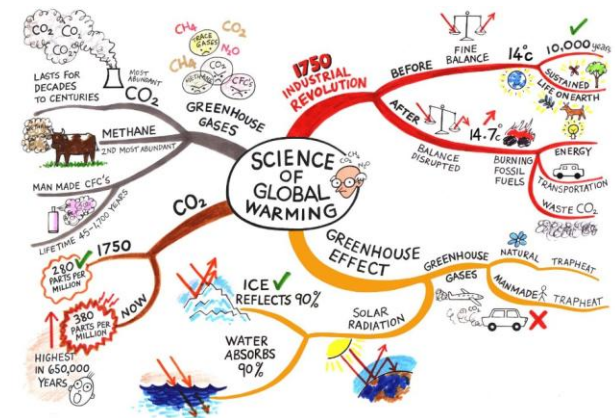1. <mark>LEARNT THE FACTS</mark>

<mark>Flash cards</mark>

<mark>Dual coding</mark>

<mark>Mind maps</mark>

FACTs are essential to revision. Hence why 'Learn the facts' is the face stage of the model.

Without finger-tip subject knowledge in the examination, you are unlikely to be able to tackle the exam questions.

Cognitive Scientists have created bespoke revision resources on a platform called the Learning Scientist

THE LEARNING SCIENTISTS

Effective revision at AGS is based on research that scientists have carried out to understand how our brain best works.

We call this **cognitive science**.

Y11 Study skills timetable in form time (Spring Term 2025)

Jan 2025	
w/c 5th January	FACE it revision
w/c 12th January	Interleaving
w/c 19th January	Spaced practice
w/c 26th January	Retrieval
w/c 2nd February	Dual coding
w/c 9th February	Concrete examples

Knowledge check

THE FORGETTING CURVE
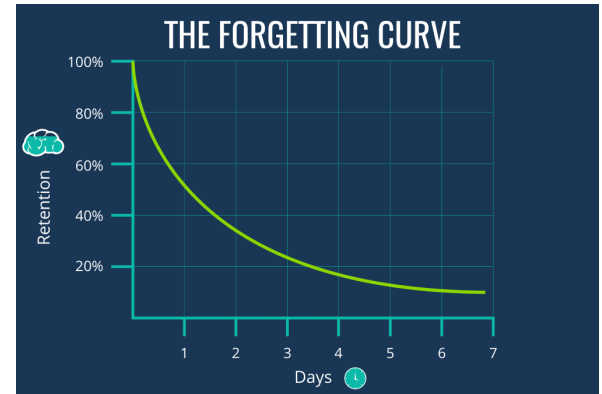
1. What is the link between revision strategies and the forgetting curve?

2. What percentage of information do you on average remember through reading through notes as a revision strategy?

3. What does each section of the FACE it model stand for? Give concrete examples to support your point.
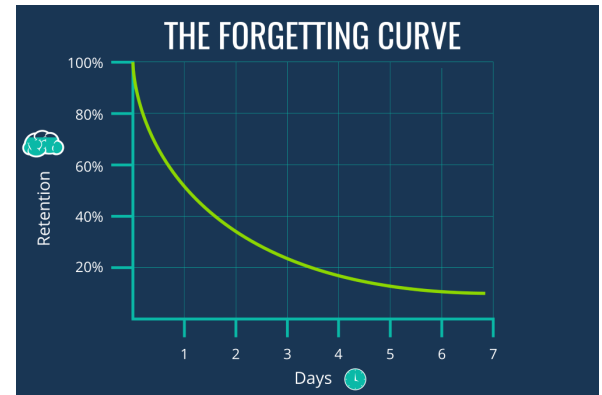
Knowledge check - ANSWERS

1. What is the link between revision strategies and the forgetting curve?

Effective revision interrupts the forgetting curve and supports long term memory to retain the knowledge.

2. What percentage of information do you on average remember through reading through notes as a revision strategy?
- 10%
- Make revision active, don't just read.

The FACE it revision model

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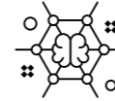- Knowledge organisers
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