

- What are the evidence-informed principles at the heart of our teaching for learning policy?
- How do these principles inform curriculum design?
- How has this policy been implemented to ensure a consistent but subject specific approach?
- How do we monitor and evaluate the efficacy and consistency of our approach?
- How did the inspection team gather evidence on this area?

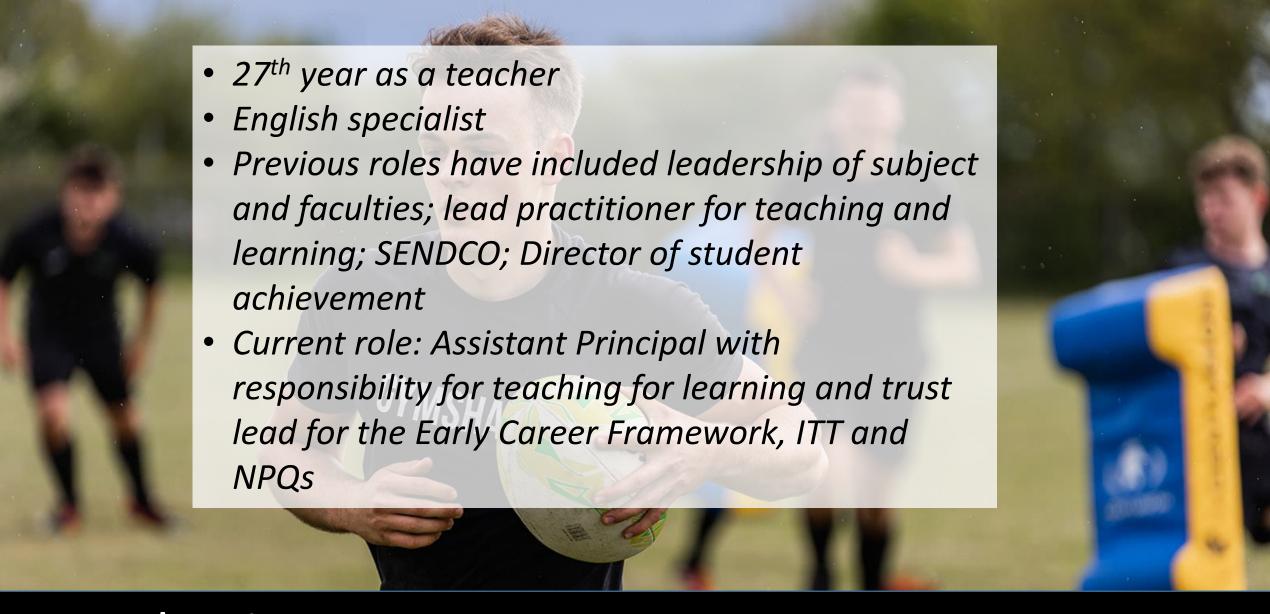
What do you feel your school / college does very well in relation to this workshop's focus?

What do you feel your school / college could improve in relation to this workshop's focus?

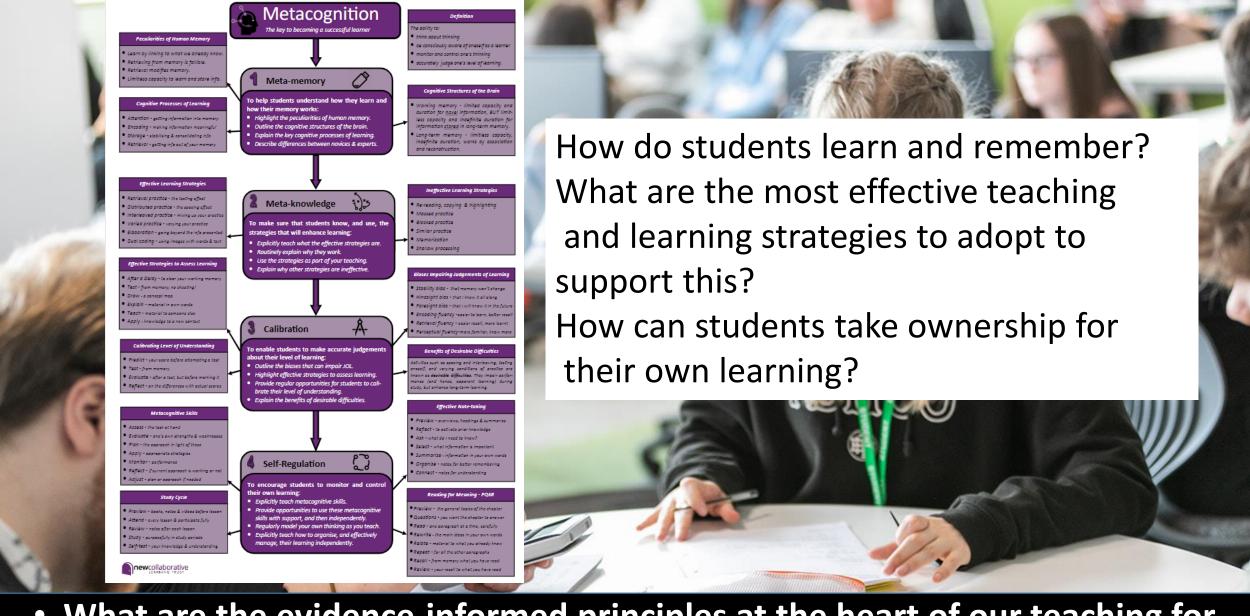
Is there anything specific that you're particularly keen to find out more about?



Introductory Reflections



Introductions



• What are the evidence-informed principles at the heart of our teaching for learning policy?



High Challenge, Low Stress

Teach to the top





Big Picture

Plan long



Know the big picture and share it with the students. Plan lesson sequences before you worry about each lesson. Lessons are messy; you need to be responsive. Learning is a long-term process, not a short-term one. A lesson is then just the next part of a learning sequence that you adjust as you go along.



Varied Practice

Mix it up



New Material in Small Chunks

New information is stored by relating it to, or linking it up with, what is already known. However, working memory is small, only

handling a few bits of information at once. To avoid its overload

present new material in small steps, using visuals, analogies and

concrete examples. Proceed only when first steps are mastered.

Chunk It



Varying conditions of practice rather than keeping them constant and predictable can enhance recall at a later date. Mix up where students sit, periodically change the learning environment, incorporate variation in the way students think about material and interleave the teaching of separate but similar topics.

Have the same high expectations of all students. Everyone is aiming for the same high level - it's just that some find it harder to

reach. Plan everything with the highest attainers in mind but pro-

vide appropriate support and time for those who need it. Celebrate

mistakes so that students feel emotionally secure & safe.



Know Your Stuff

The subject material, the spec, the mark points

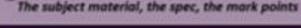


Ask Questions

Plan, pose, pause, pounce, bounce, stretch

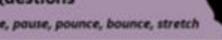


Ask a large number of questions and check the responses of all students. Questions help students practise new information and connect new material to their prior learning. Questions allow the teacher to determine how well the material is learned.



Expert teachers know their subjects, continually study them, know how questions will be set and what the answers should be. They can explain clearly, precisely and simply, representing ideas in multiple ways. This requires time and effort to keep up to-date.











































Provide Models

Simple to complex; concrete to obstract

Students need cognitive support to help them learn complex and abstract concepts. Simple models, worked examples, teacher modelling and thinking aloud while demonstrating how to solve a problem are all examples of effective cognitive support.



Deep Processing



Learning happens when we think hard

Memory works best when we process material deeply, connecting it with our pre-existing knowledge (interpretation), and to other things we are trying to learn (elaboration). The more effort we expend, the better we remember.



Effective Feedback



Close the gap

If students do not use feedback to move their learning forward, it's a waste of time. Comments for improvement should be focused and helpful, and provide a recipe for future action. Feedback should be more effort for the student than it is for the teacher.



Independent Learning



Weekly DIL

Space It

Students need additional time to rephrase, elaborate and summarise new material in order to store it in their long-term memory. Independent practice produces "overlearning" - a necessary process for new material to be recalled automatically.



Retrieval Practice



Input less, output more



Recalling information from memory makes it more recallable in the future. The more effort involved the more it is embedded into long -term memory. Begin a lesson with a short review of previous learning. Daily review can lead to fluent recall, freeing up working memory for problem solving and creativity.

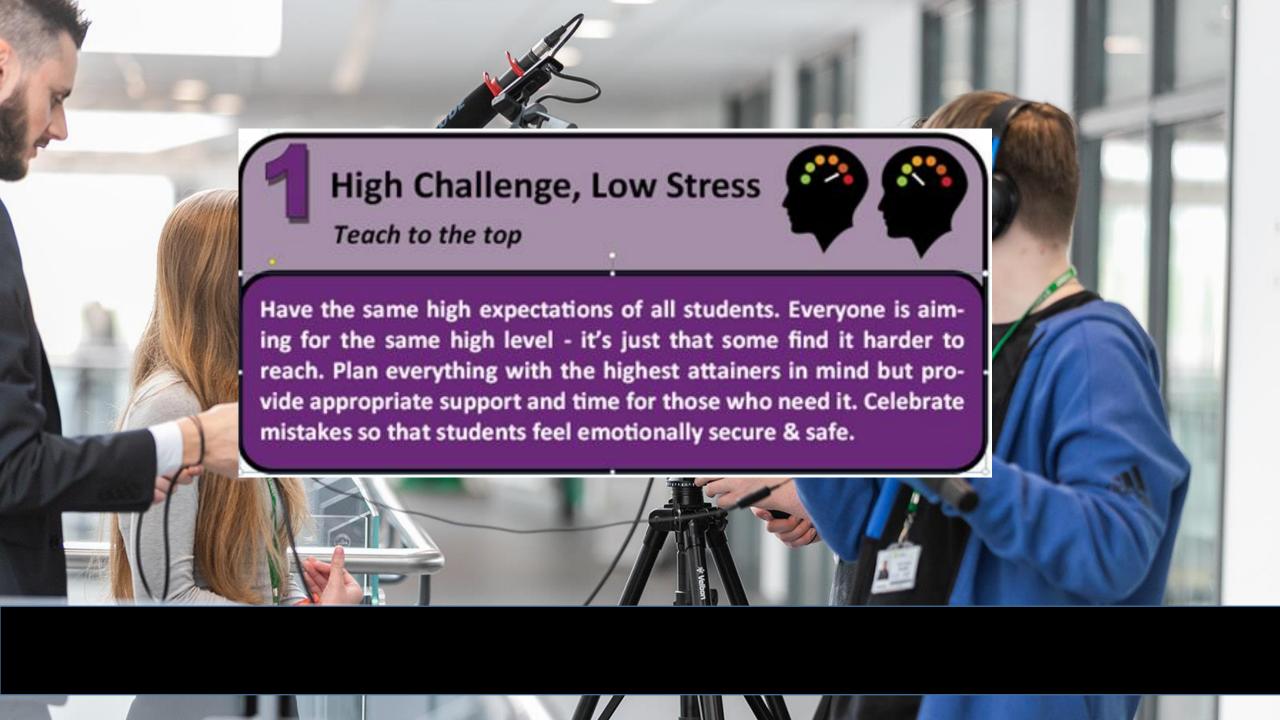


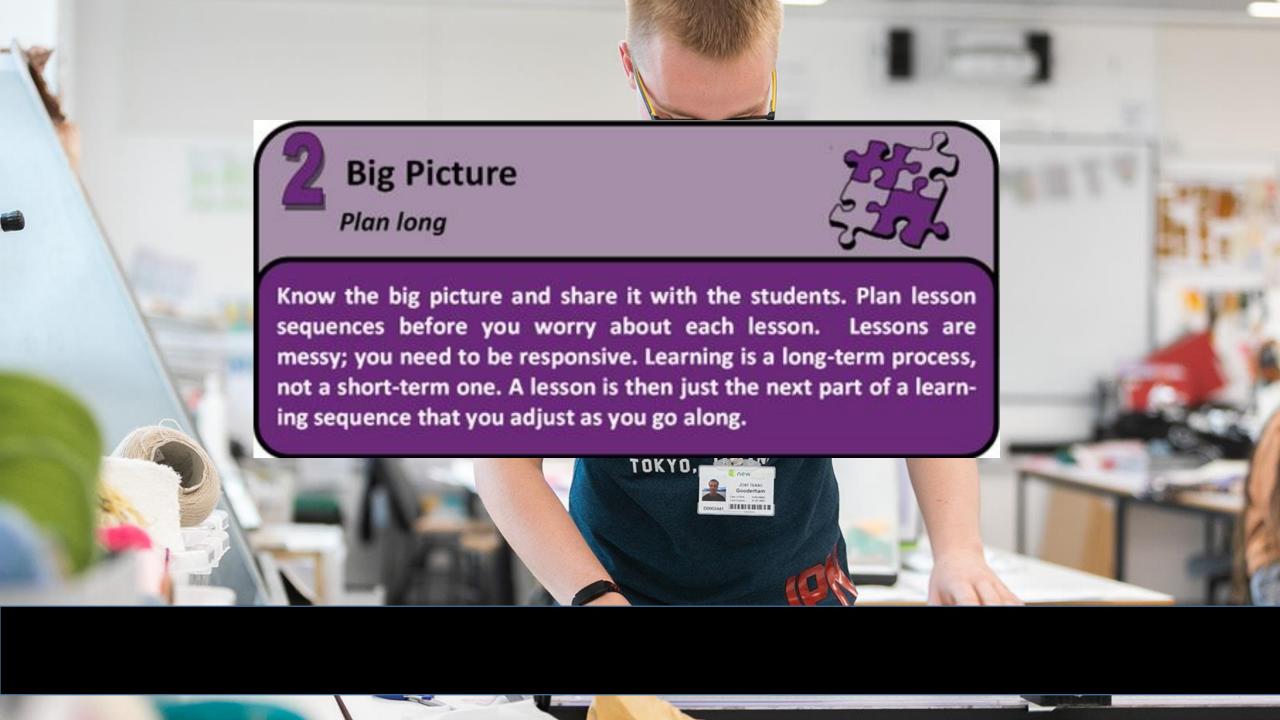
Distributed Practice

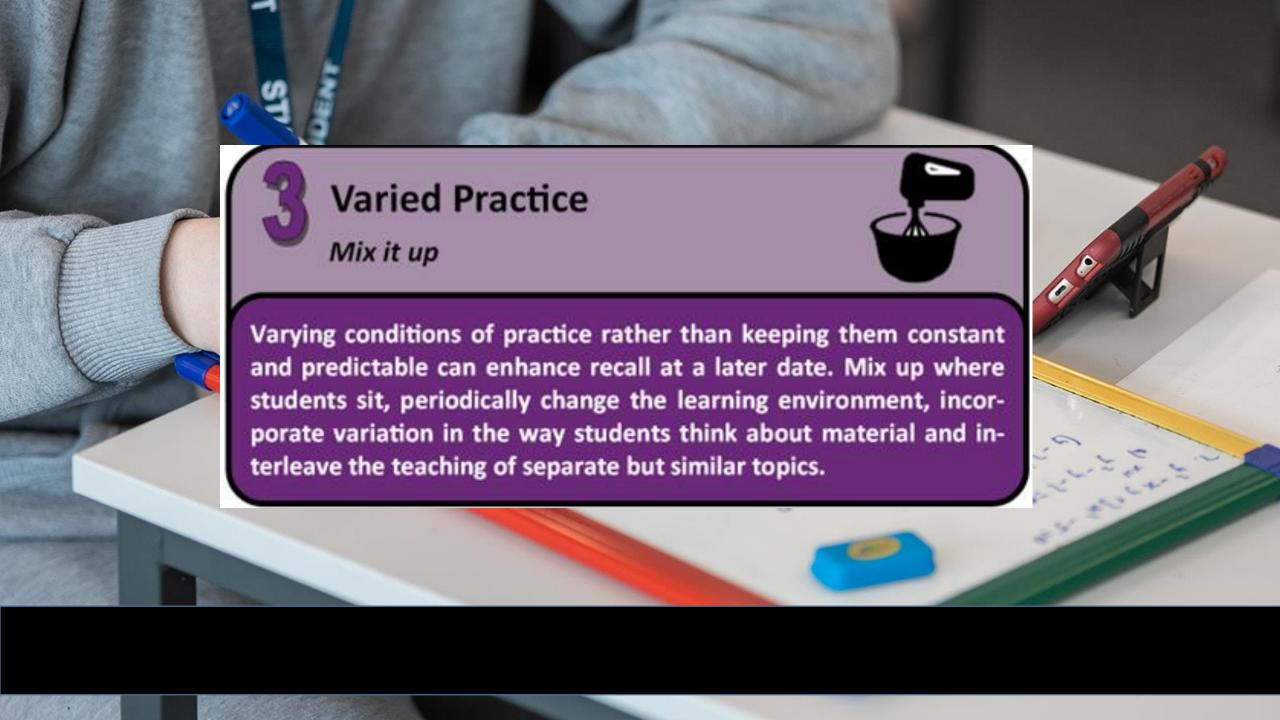


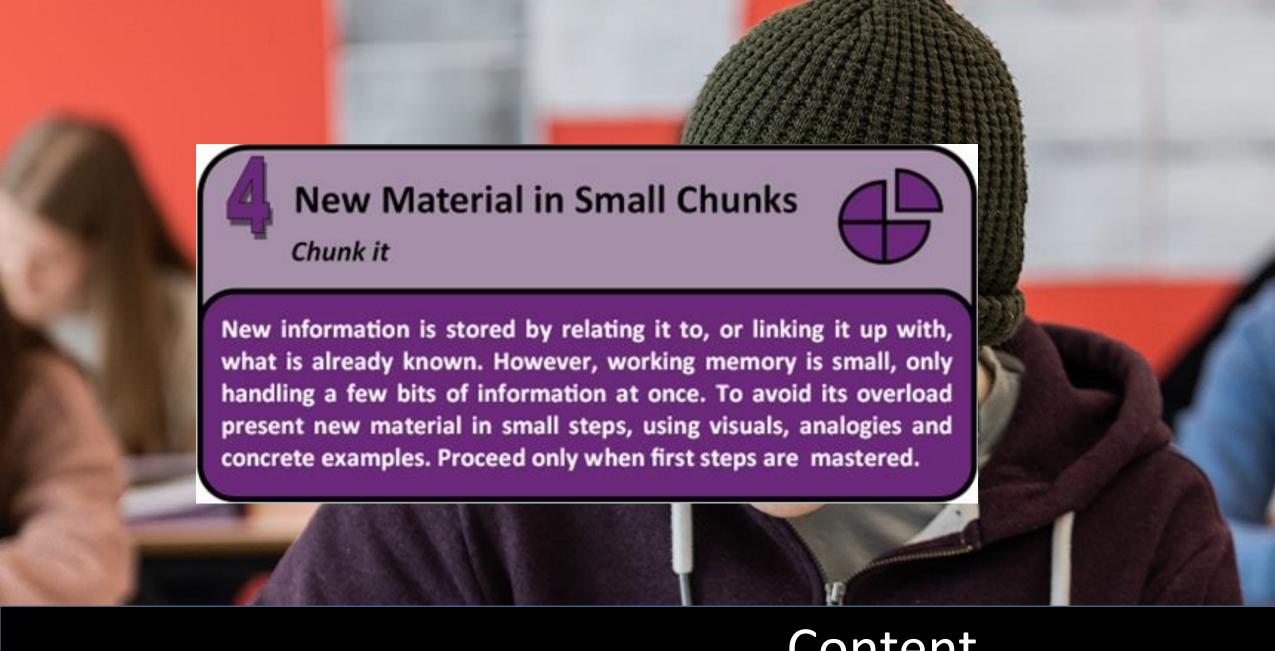
Information that is practised repeatedly over spaced intervals is learned much better and for longer than information that is repeated without intervals (massed practice), increasing the spacing between study sessions enhances learning and leads to better longterm retention.



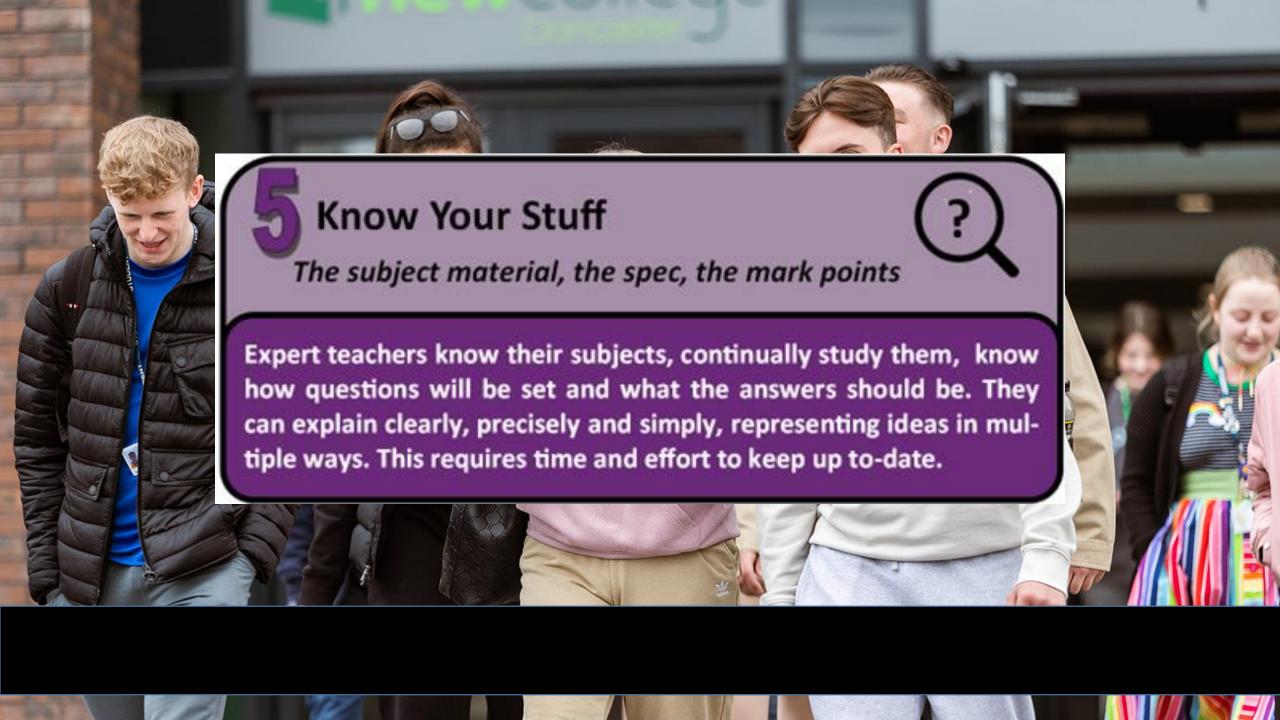


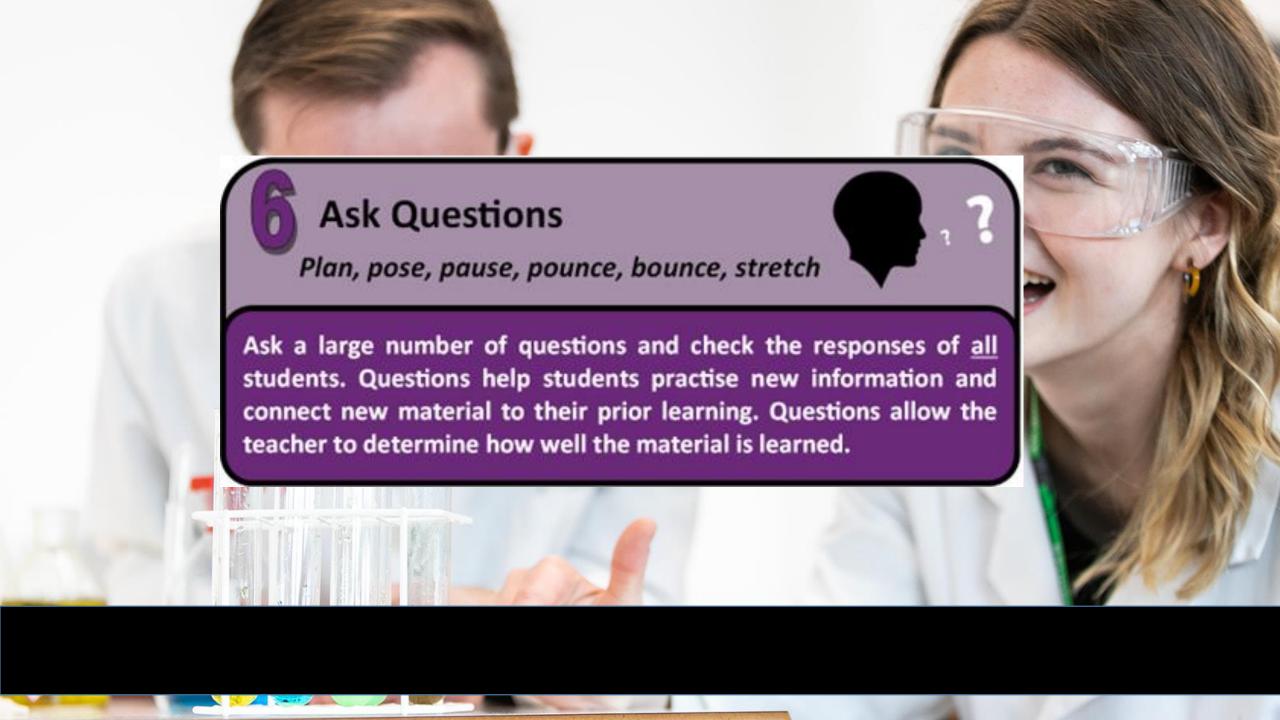


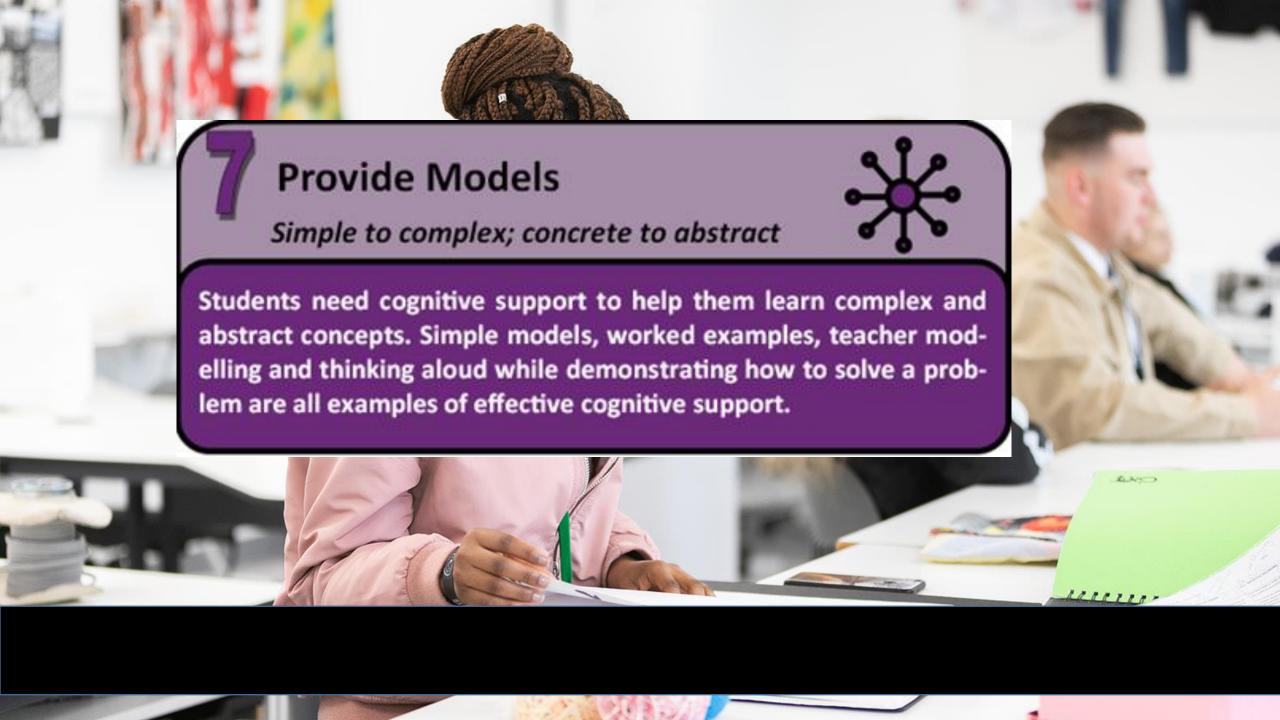


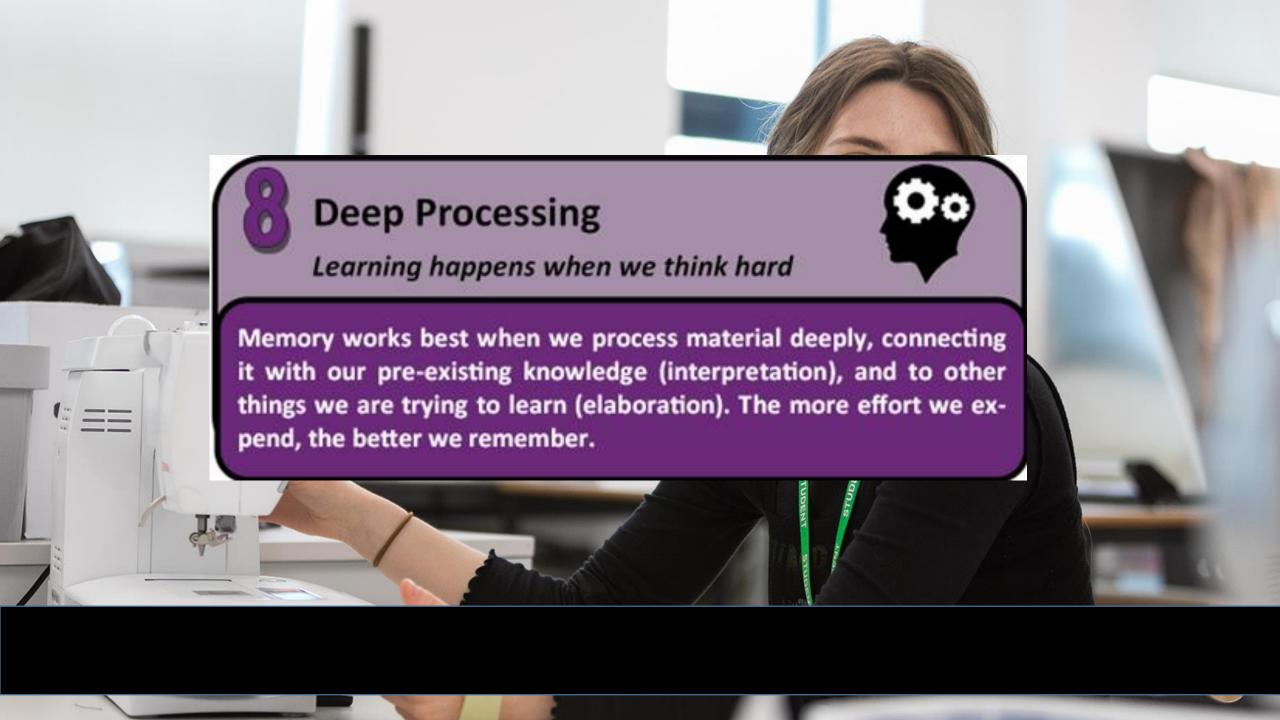


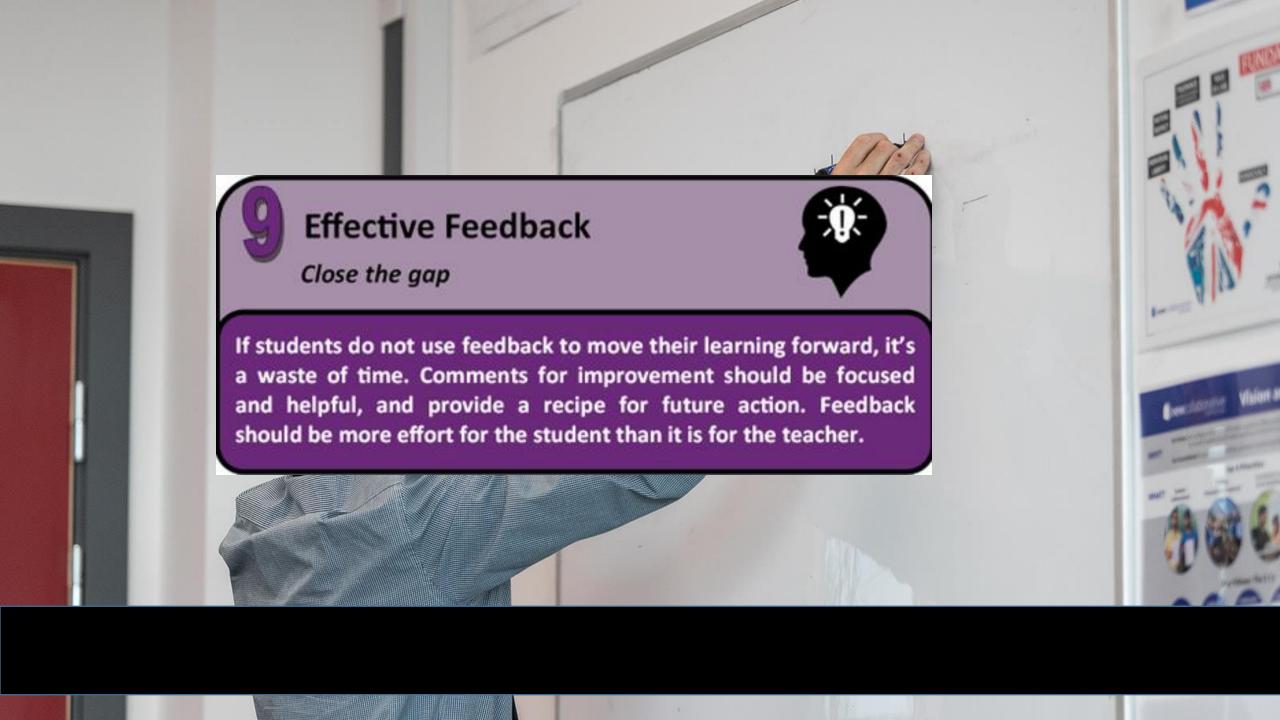
Content



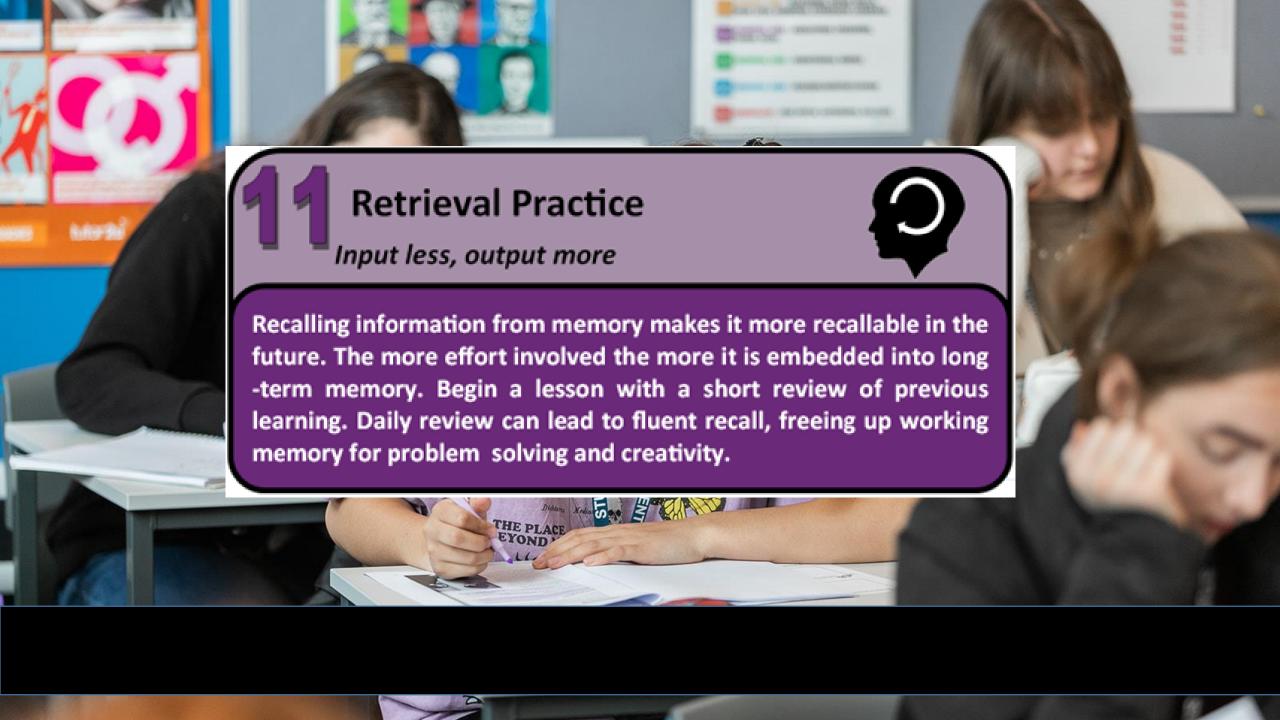


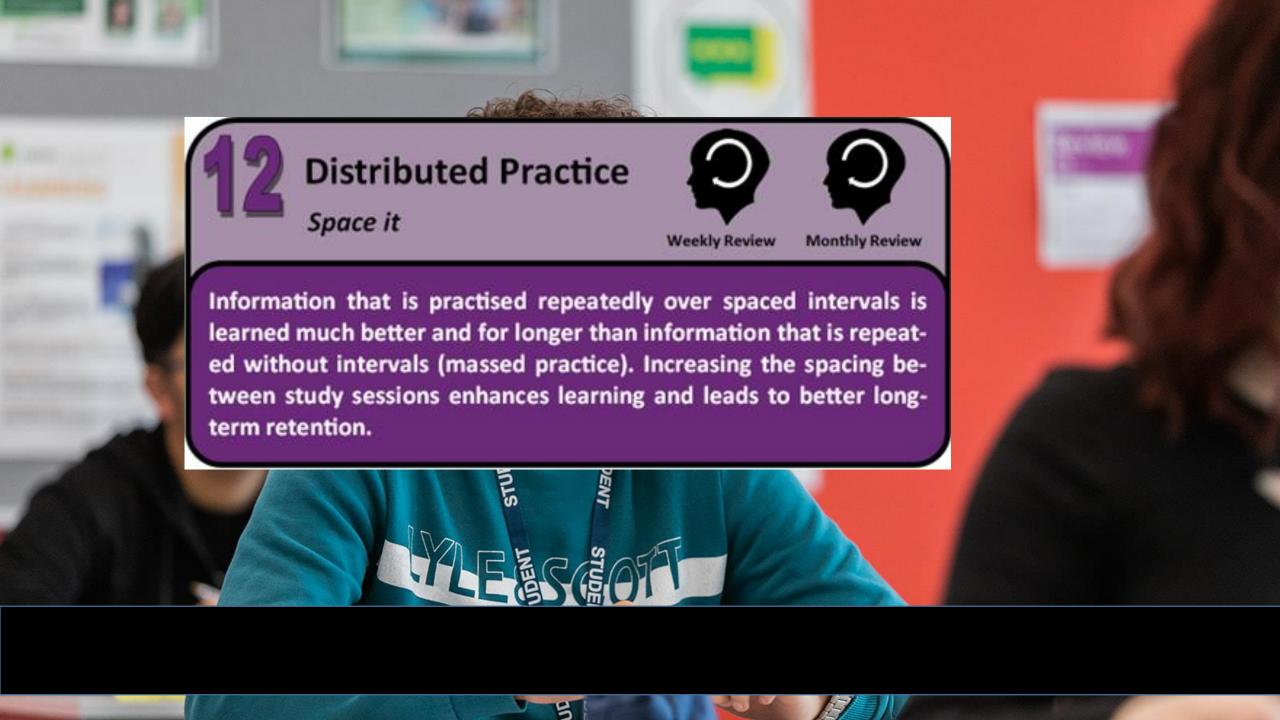








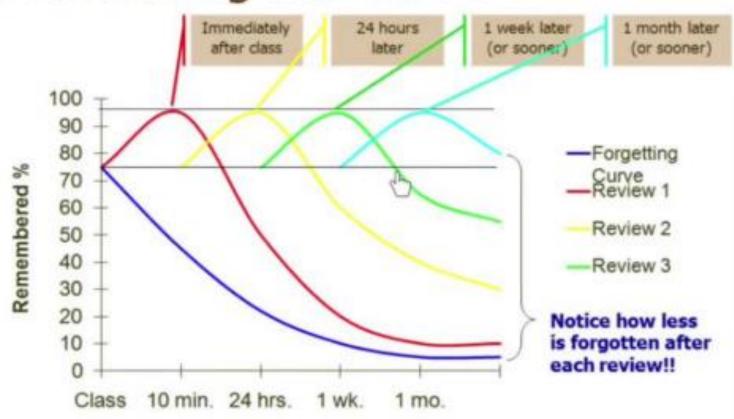






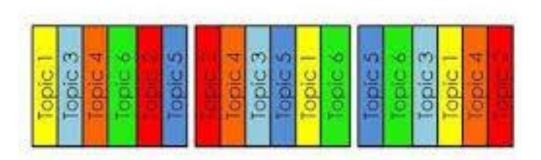
• How do these principles inform curriculum design?

Overcoming the Curve



Blocking vs interleaving





BLOCKED PRACTICE

$$\frac{5}{9} \times \frac{1}{8} = ? \qquad \frac{1}{6} \times \frac{2}{7} = ? \qquad \frac{4}{5} \times \frac{2}{3} = ?$$

$$\frac{1}{6} \times \frac{2}{7} = ?$$

$$\frac{4}{5} \times \frac{2}{3} = ?$$

$$\frac{2}{9} \times \frac{3}{5} = ?$$

INTERLEAVED PRACTICE

$$\frac{5}{9} \times \frac{1}{8} = ?$$

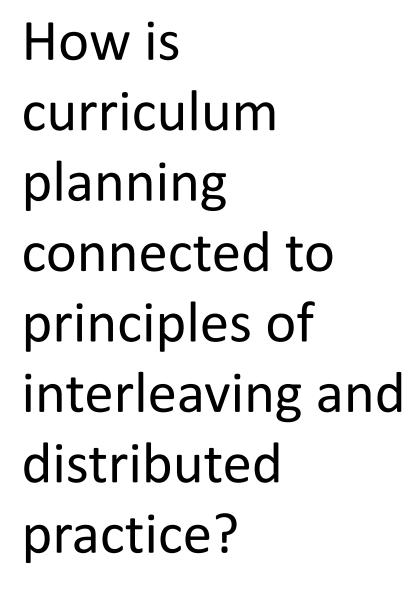
$$\frac{7}{8} \div \frac{5}{6} = ?$$

$$\frac{2}{3} + \frac{1}{5} = ?$$

$$\frac{5}{9} \times \frac{1}{8} = ? \quad \frac{7}{8} \div \frac{5}{6} = ? \quad \frac{2}{3} + \frac{1}{5} = ? \quad \frac{2}{9} \times \frac{3}{5} = ?$$







A Level, WJEC, Programme of Study – Year 2 Y13 (2020-21)



We	eek	Date	Current Topic The main topic you will cover this week.	Retrieval Topic(s) Your teachers will give you additional tasks or miniassessments in lessons to support long-term learning of earlier topics	Current Current Preview Retrieval Your teachers will set DIL to support the learning of current topics, future content and the long-term learning of earlier topics	Formal Assessment
	0					
	1	7/9			Current Preview Retrieval	Progression exams
,	2	14/9			Current Preview Retrieval	
	3	21/9			Current Preview Retrieval	
	4	28/9			Current Preview Retrieval	Progression Exam TRUST Assessment ADD date:28/9/20
	5	5/10			Current Preview Retrieval	
	6	12/10			Current Preview Retrieval	
					Current	Cedar 1 / ADD date

Week	Date	Current Topic (Lesson 1)	Current Topic (Lesson 2)	Current Topic (Lesson 3)	Retrieval Topic(s) Your teachers will give you additional tasks or minimassements in lessons to support tang-term learning of earlier topics	OIL Current Your teachers will set DIL to support the learning of current festics	Tour leaches will set Oil to support the learning of future cantent	Polit Retrieval Your teaches will set DIL to support the learning of earlier topics	Formal Assessment
1	12/9	FEEDBACK ON PROGRESSION EXAMS AND GAP TASK PLANNING FOR Y12 CONTENT	INTRODUCTION TO OTHELLO	INTRODUCTION TO OTHELLO	OTHELLO	NEA DRAFTING AND COMPLETION	REREAD ACT 1 OF OTHELLO	STREETCAR ESSAY OR DETAILED PLAN	
		OTHELLO ACT 1	OTHELLO ACT 1	OTHELLO ACT 1	OTHELLO CONTEXT	NEA DRAFTING	MASSOUT LECTURE SUMMARIES	PROSE ESSAY OR	
2	19/9	19/9				AND COMPLETION	REREAD ACT 2 OF OTHELLO	DETAILED PLAN	
		OTHELLO ACT 2	OTHELLO ACT 2	OTHELLO ACT 2	PAPER 2-THEMES	NEA DRAFTING AND COMPLETION	REREAD ACT 3 OF OTHELLO	UNSEEN POETRY ESSAY OR DETAILED PLAN	
3	26/9					Knowledge organiser to include key quotes/dramatic methods/context and critics: Othelio	MASSOUT LECTURE SUMMARIES		
			OTHELLO ACT 3	CEDAR ASSESSMENT	PAPER 2-METHODS	NEA DRAFTING AND COMPLETION	REREAD ACT 40F	STREETCAR ESSAY OR DETAILED PLAN	
4	3/10	OTHELLO ACT 3				Knowledge organiser to include key quotes/dramatic	MASSOUT LECTURE SUMMARIES		

19	6/2	KEATS-ESSAY WRITING	KEATS-ESSAY WRITING	KEATS-ESSAY WRITING	PAPER 3-POETIC STRUCTURE	KEATS ESSAY OR DETAILED PLAN			
				Half	f-term Holiday: Monday	13th February – Friday 17	th February inclusive		
20	20/2	DIRT	DIRT	DIRT	PAPER 3 -POETIC LANGUAGE	KEATS ESSAY	REREAD ANTHOLOGY POEMS	PROSE ESSAY PLANNING OR TIMED ESSAY	
21	27/2	MOCK EXAMS	MOCK EXAMS	MOCK EXAMS	PAPER 3 -RHYME AND RHYTHM	UNSEEN POETRY ESSAY	REREAD ANTHOLOGY POEMS	OTHELLO ESSAY PLANNING OR TIMED ESSAY	MOCK EXAMS
22	6/3	UNSEEN POETRY ANALYSIS AND ANTHOLOGY REVISION	UNSEEN POETRY ANALYSIS AND ANTHOLOGY REVISION	UNSEEN POETRY ANALYSIS AND ANTHOLOGY REVISION	PAPER 3-KEATS CONTEXT	KEATS ESSAY	REREAD ANTHOLOGY POEMS	STREETCAR ESSAY PLANNING OR TIMED ESSAY	
23	13/3	KEATS ESSAY WRITING	KEATS ESSAY WRITING	KEATS ESSAY WRITING	PAPER 3-REVERSE ESSAY PLANNING	UNSEEN POETRY ESSAY	REREAD ANTHOLOGY POEMS	PROSE ESSAY PLANNING OR TIMED ESSAY	
24	20/3	DIRT	DIRT	DIRT	PAPER 3 -REVERSE ESSAY PLANNING	KEATS ESSAY	REVERSE PLAN OTHELLO ESSAY	ADDITIONAL GAP TASKS	ADD 4 20/3
25	27/3	OTHELLO EXAM PREPARATION	OTHELLO EXAM PREPARATION	OTHELLO EXAM PREPARATION					
		Easter Holiday: Monday 3 rd April – Friday 14 th April inclusive							
26	17/4	OTHELLO EXAM PREPARATION	OTHELLO EXAM PREPARATION	PAPER 1 SECTION A ASSESSMENT	PAPER 1-DRAMATIC METHODS	OTHELLO ESSAY	REVERSE PLAN STREETCAR ESSAY	INDEPENDENT REVISION	
27	23/4	STREETCAR EXAM PREPARATION	STREETCAR EXAM PREPARATION	PAPER 1 SECTION B ASSESSMENT	PAPER 1-GENRE	STREETCAR ESSAY	REVERSE PLAN PROSE ESSAY	INDEPENDENT REVISION	
28	30/4	PAPER 1 DIRT	PROSE EXAM PREPARATON	PROSE EXAM PREPARATON	PAPER 2-NARRATIVE METHOD	PROSE ESSAY	REVERSE PLAN PROSE ESSAY	INDEPENDENT REVISION	
29	8/5	PROSE EXAM PREPARATION	PAPER 2 ASSESSMENT	PAPER 2 DIRT	PAPER 2-GENRE	PROSE ESSAY	REVERSE PLAN UNSEEN POETRY ESSAY	INDEPENDENT REVISION	
30	15/05	UNSEEN POETRY AND ANTHOLOGY EXAM PREPARATION	UNSEEN POETRY AND ANTHOLOGY EXAM PREPARATION	PAPER 3 SECTION A ASSESSMENT	PAPER 3-METHODS AND TERMINOLOGY	UNSEEN POETRY ESSAY	REVERSE PLAN KEATS ESSAY	INDEPENDENT REVISION	
31	22/05	KEATS EXAM PREPARATION	KEATS EXAM PREPARATION	PAPER 3 SECTION B ASSESSMENT	PAPER 3- METHODS AND TERMINOLOGY	KEATS ESSAY	REVIEW ALL ASSESSMENT FEEDBACK AND	INDEPENDENT REVISION	

How does distributed practice work?

- Effective distributed practice in education follows four steps:
- Initial mastery Students are introduced to the material and achieve a baseline understanding of the topic.
- **Spacing** A considerable amount of time passes after the material is first learned.
- Retrieval Students must retrieve the previously learned information from memory during a new learning session.
- Repetition The process is repeated and material is re-learned over several sessions.

- Essentially, the learning process looks like this:
- Short term retention → spacing → retrieval → long term retention.
- You need a break in between to gain the full benefits, reduce fatigue and develop skills.

Metacognitive advantages:

- 1. Priming
- 2. Long-term memory consolidation
 - 3. Contextual differences
 - 4. Complex thinking
 - 5. Procedural memory

DIL TO IL!

• DIRECTED INDEPENDENT LEARNING



• INDEPENDENT LEARNING

Spaced/distributed practice

(Spacing your	studying is the	opposite of craining. It	ilicreases your cor	nfidence. Trust it; it's backed	by science.)			
LO1: Understand the criminal justice system in England and Wales	√ = 30 minutes studying comple (Date and Initi	of punishment in the			√ = 30 minutes of studying completed (Date and Initial)			
AC1. <u>1 Describe</u> processes used for law making		AC2. <u>1 Explain</u> forms of social control		AC3. <u>1 Explain</u> the role of agencies in social control				
				AC3.2 Describe the contribution of agencies to achieving social control				
AC1.2 <u>Describe</u> the organisation of the criminal justice system in England and Wales		AC2.2 <u>Discuss</u> the aims of punishment	f	AC3.3 Examine the limitations of agencies in achieving social control				
AC1.3 <u>Describe</u> models of criminal justice		AC2.3 Assess how forms of punishment meet the aims of punishment		AC3.4 Evaluate the effectiveness of agencies in achieving social control				



	Revision Planner – 10 week countdown to mock exams	newco
Name:		

Subject:

Priority revision topics based on y13 content:

•	•
•	•
•	•
•	•

Priority revision topics identified by reviewing topics covered since the start of Y12:

•	•	
•	•	
•	•	
•	•	

Dates of my exams:

Date	Unit	Additional exam information

When	Planning your revision - topic by topic, week by week				
	Topics I will revise from Y12	Topics I will revise from Y13			
11 November	Topic:	Topic:			
10 weeks to go					
	Topic:	Topic:			
	ropers.				
	Additional topics to revise identified through ongoing DIL / additional asset	issments / lessons:			
18 November	Topic:	Topic:			
9 weeks to go	Topic:	Topic:			
	ropers.	1 Spirit			
	Additional topics to revise identified through ongoing DIL / additional asset	issments / Jessons:			
		1			
25 November	Topic:	Topic:			
8 weeks to go					
	Topic:	Topic:			
	Additional topics to revise identified through ongoing DIL / additional asse	issments / lessons:			
2 December	Topic:	Topic:			
7 weeks to go					
	Topic:	Topic:			
	Additional topics to revise identified through ongoing DIL / additional asset	issments / lessons:			

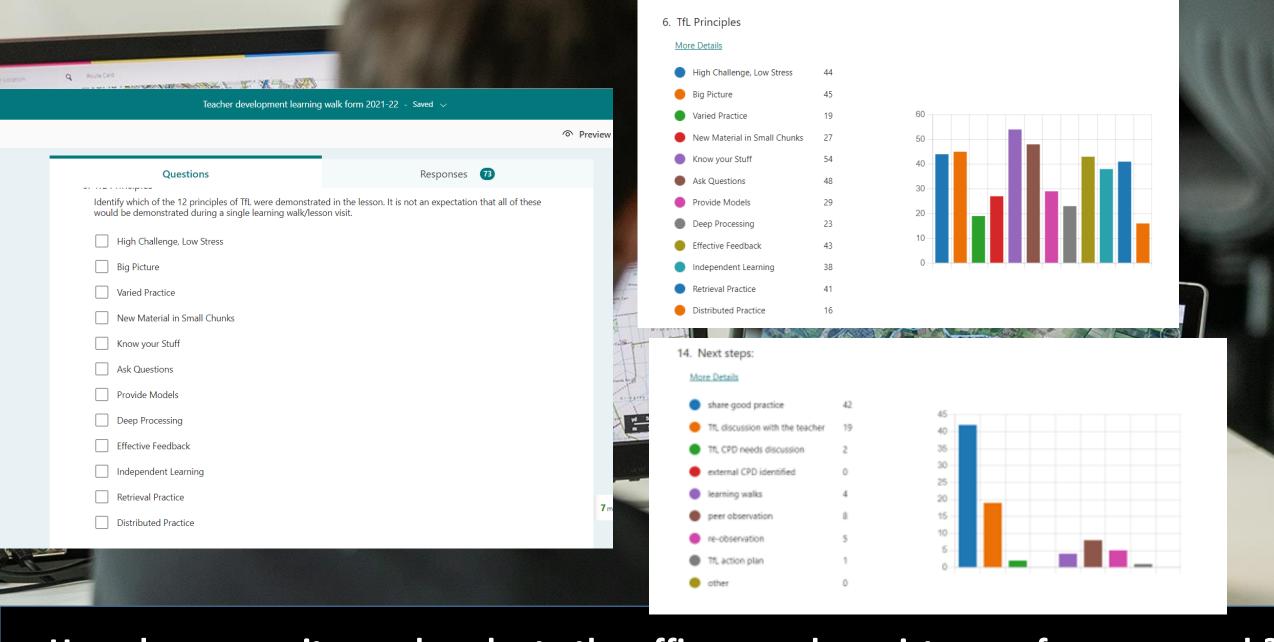
How can we encourage this?

- Spaced curriculum-blocks of knowledge and skills
- Planners/revision timetables
- Assessments spaced and interleaved
- Cumulative assignments
- Spaced and interleaved home learning tasks

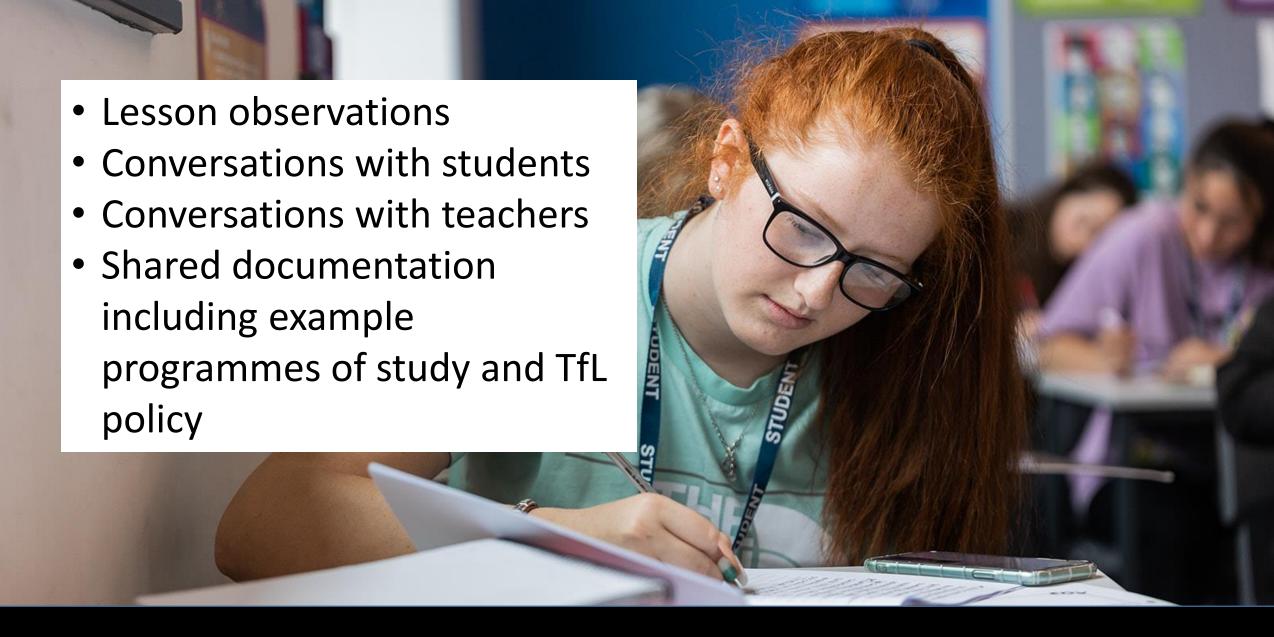


- Ongoing CPD and reflection with subject specific conversations and planning built in
- Collaborative planning across trust in subject specific teams
- Developmental approach to learning walks and lesson visits
- Peer support
- Increased subject led CPD to build on and refine whole college messages and CPD sessions
- Coaching programme
- Senior link meetings
- **QuIP** priorities

How has this policy been implemented to ensure a consistent but subject specific approach?



How do we monitor and evaluate the efficacy and consistency of our approach?



How did the inspection team gather evidence on this area?

Portal upload:

- SAR and QUIP
- Teaching for learning policy



During lessons visits and meetings:

- Programmes of study
- Assessment and feedback schedule
- Assessment wrappers
- Examples of DIL(directed independent learning) tasks to exemplify CPR approach
- Revision campaign materials
- Student communication schedule
- Tutorial programme
- Study advice booklet
- Study cycle poster
- OPTIC posters (employability skills)
- SPOC (student voice) questions and summary of responses
- Parental and student surveys
- Student folders-in lessons and work scrutiny

What information did we provide?



What activities did inspectors undertake?

LEARNING CULTURE

- What does it feel like to be a student at this college?
- Do your teachers have high expectations of you?
- Has the course got harder? How have you been prepared for this?
- Do you have to think hard in here?
 Is that the same in your other subjects?
- Are you becoming a better learner at college? How?
- Do you feel ready to study at university? How has college helped with this?

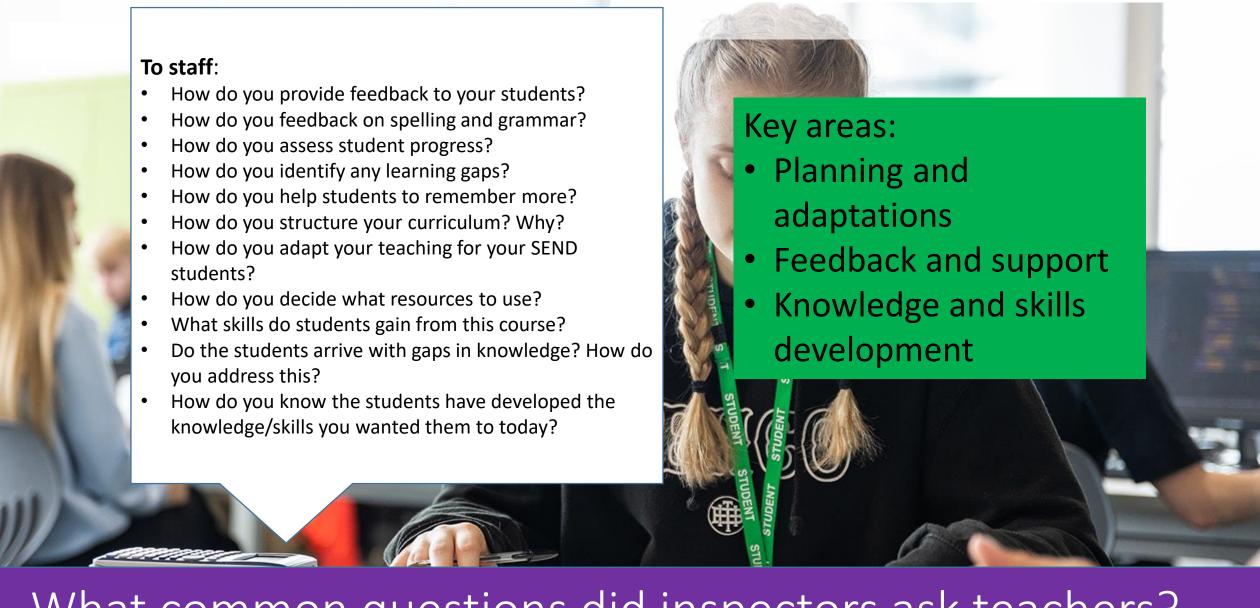
SUPPORT

- How do you know how well you are doing?
- Do you know how to improve?
- Are you set work to do outside of lessons?
- Do you receive feedback on this?
- Why are you attending TAP (teacher access period)? Is it helping?
- How did college help you make the transition between school and college?
- How were you supported during lockdown? What were lessons like? Do you feel you are behind because of it? How has this been addressed?
- Are you expected to self and peer assess? Do you know how to do this? Is it useful?

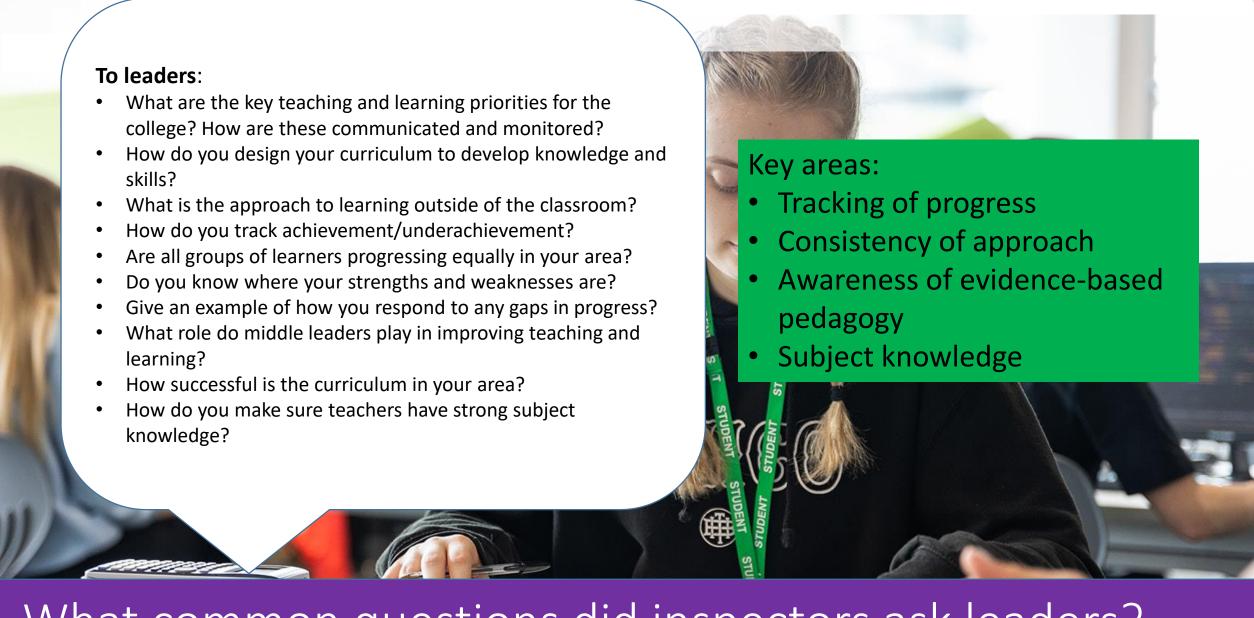
CURRICULUM DESIGN

- How does this work build on what you have done previously?
- Can you make links between your subjects?
- How is this helping you learn/remember more?
- Do you review previous content?

What common questions did inspectors ask students?



What common questions did inspectors ask teachers?



What common questions did inspectors ask leaders?

