Equipping Parents to Support their Child With Revision











Key staff to contact

First port of call- your Child's Tutor

Head of Y10 is Mr. Butler

SLT Strategic Lead for KS4- Mr. Atkins





North Leamington School

...believe and you will achieve

6-7.15PM

STRUCTURE-

- STRATEGIES OF SUPPORT
- ENGLISH
- MATHS
- SCIENCE
- <u>RE</u>
- QUESTIONS ON WAY OUT



North Leamington School

...believe and you will achieve

SUPPORTING YOUR
CHILD WITH
REVISION
STRATEGIES

MR ATKINS

SENIOR ASSISTANT
HEADTEACHER
(KS4 STRATEGIC
LEAD)

Is KNOWLEDGE embedded in Long Term Memory?

How well do you know the 50p coin? You have seen it thousands of times, so you should know all about it. Think about the front of a 50p coin.

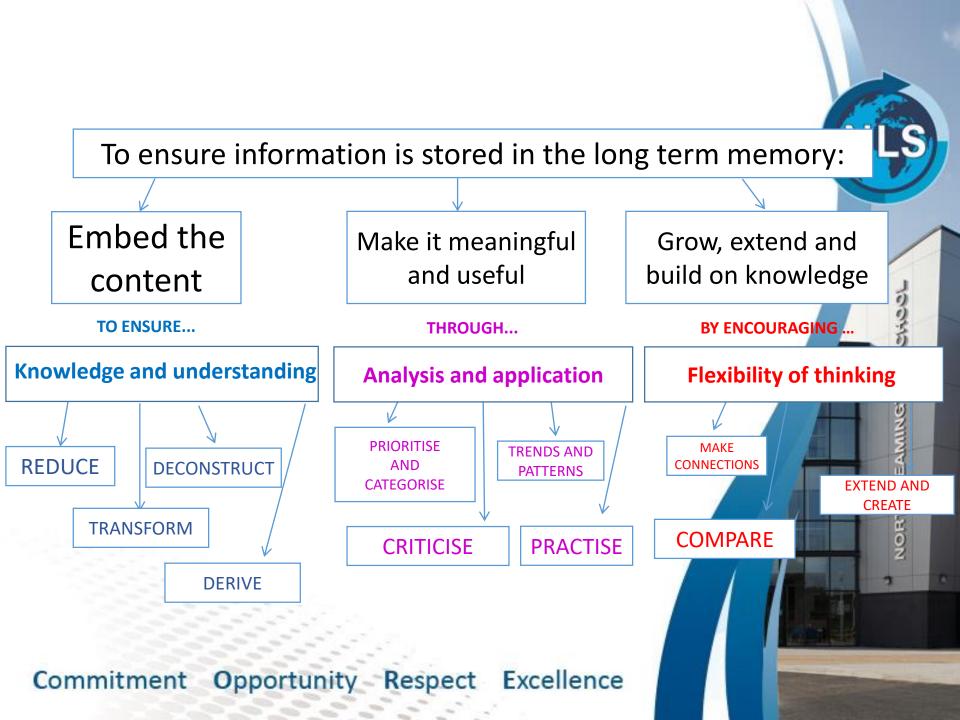
There is an image of Britannia.

- 1. What is in her left hand?
- 2. What is in her right hand?
- 3. What is on the shield?
- 4. What is on her head?
- 5. What is at her feet?









Cognitive Load- We can only take so much!

- Break down topics into smaller parts. This reduces the problem space and lightens the cognitive load, making learning more effective.
- Support your child to review information from their lessons as they go along because this will help improve their retention, adding knowledge to their long-term memory. Help them get into a routine which works for them.

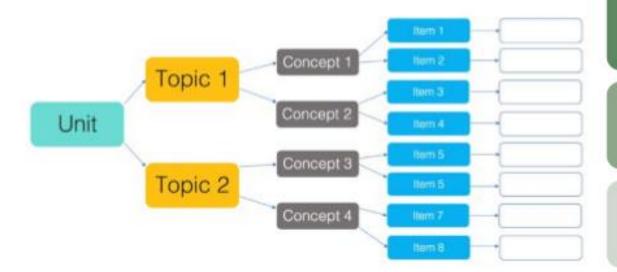






The Process

- Break down larger amounts of information into smaller units.
- Identify similarities or patterns.
- Organise the information.
- Group information into manageable units.



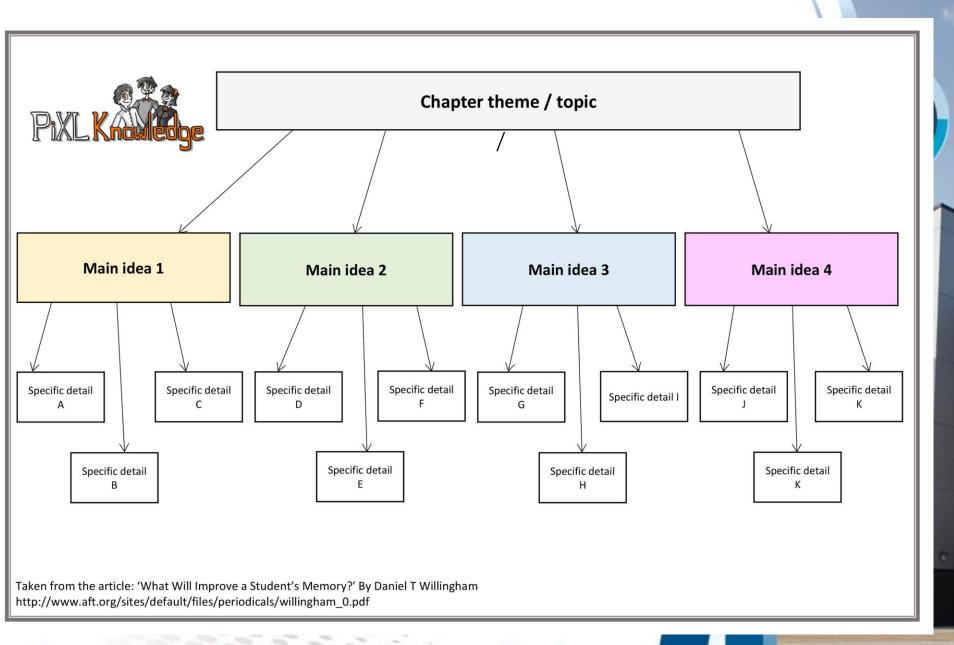
Use HEADINGS and TITLES for different sections

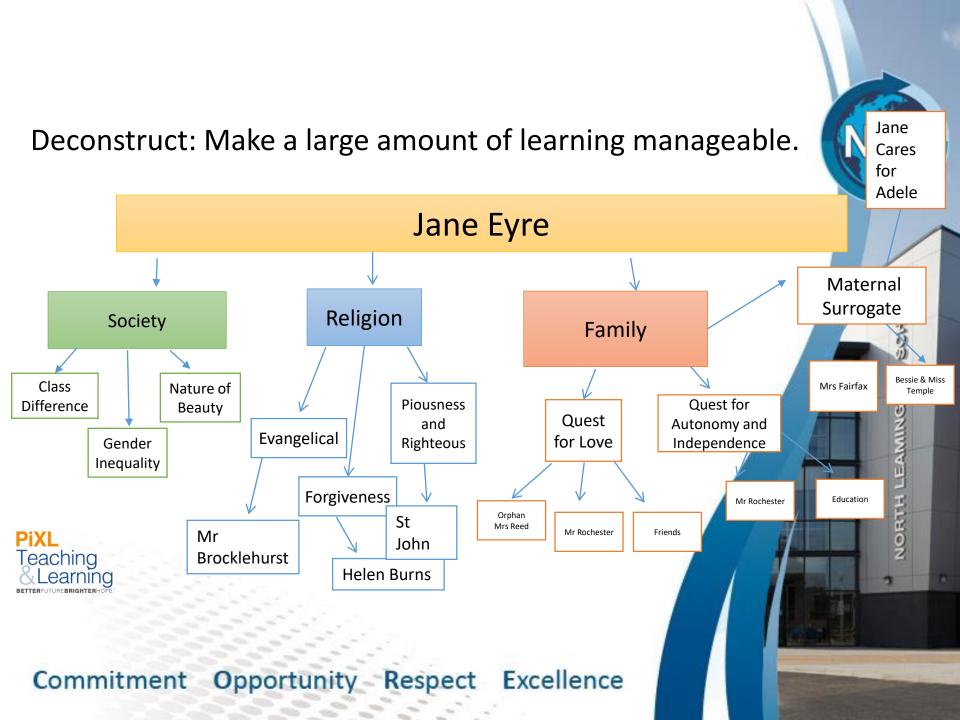
Use TABLES to summarise LARGE AMOUNTS of DATA

Use BULLET POINTS to summarise and CLARIFY IMPORTANT POINTS

Combine quick ILLUSTRATIONS with TEXT to create VISUAL ASSOCIATIONS







Flashcards-Strategies

- Try testing your child using the flashcards and give them time to digest the question before answering. If they get the answer right, don't discard the card – they need to keep repeating it again and over time.
- When using the flashcards, help your child review their cards using an organised system.



FLASHCARDS- REPETITION



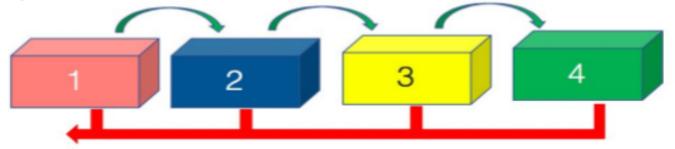
Using a system

The Leitner system is a well-known and very effective method of using flashcards. It's a form of spaced repetition that helps you study the cards you don't know more often than the cards you already know well.

All flashcards start off in box/stack 1. As you review the cards, each card you answer correctly goes into box 2.

If you give the wrong answer the card stays in box 1. When you review cards in box 2, if you still get it right you move the card to box 3 and so on until all cards are in box 4.

If you get a card wrong in any box, it goes back to box 1.



The key is that the cards you know less well are reviewed more frequently than the cards in the higher boxes. You now must choose the frequency at which you review each box.

For example - Box 1: Every day, Box 2: Every 2 days, Box 3: Every 3 days, Box 4: Every 4 days

The Interleaving Technique

- Work with your child to create a revision timetable which spaces their topics out across a good period of time.
- Start with 20 minute bursts and then build up to 45 minute sessions. But then have a break and change the topic for the next burst. Keep returning to previous sections, time and time again.



8.30 – 3.15 SCHOOL	3.20 – 4.05pm INTERVENTION CLASSES Travel Home	5 – 5.45pm Revision / Home Learning	6-7pm Dinner/Family Time	7.00- 7.45pm Revision/ Home Learning	8pm onwards Chill Time
	HISTORY			MEDIA	
DTTR-ENGLISH	GCSE PE	ENGLISH LIT			
DTTR-ENGLISH	SCIENCE/BUSINESS	MATHS TUTOR		ENGLISH LANG	
DTTR-ENGLISH	DRAMA/MATHS			CHEMISTRY	
9.00 -10.45 AM	11.00 – 12.45PM PM	1.00- 2.45PM	3.00- 4.45PM	5.00- 6.45PM	7.00-8.45PM
SESSION 1- MATHS/ENGLISH EXAM PAPER					
	SESSION 2- SCIENCE/BUSINESS EXAM PAPER		SESSION 3- HISTORY/MEDIA EXAM PAPER		
	DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH 9.00 -10.45 AM SESSION 1- MATHS/ENGLISH	SCHOOL INTERVENTION CLASSES Travel Home HISTORY DTTR-ENGLISH GCSE PE DTTR-ENGLISH SCIENCE/BUSINESS DTTR-ENGLISH DRAMA/MATHS 9.00 -10.45 AM PIM SESSION 1- MATHS/ENGLISH EXAM PAPER SESSION 2- SCIENCE/BUSINESS EXAM	SCHOOL Travel Home HISTORY DTTR-ENGLISH GCSE PE ENGLISH LIT DTTR-ENGLISH DTTR-ENGLISH DRAMA/MATHS SCIENCE/BUSINESS MATHS TUTOR PM SESSION 1- MATHS/ENGLISH EXAM PAPER SESSION 2- SCIENCE/BUSINESS EXAM	SCHOOL Travel Home Revision / Home Learning HISTORY DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DTTR-ENGLISH DRAMA/MATHS 9.00 -10.45 AIV SESSION 1- MATHS/ENGLISH EXAM PAPER SESSION 2- SCIENCE/BUSINESS EXAM Revision / HOME Learning Dinner/Family Time Dinner/Family Time Dinner/Family Time SESSION / HOME Learning Dinner/Family Time Dinner/Family Time SESSION / HOME Learning Dinner/Family Time	SCHOOL Travel Home Revision / Home Learning HISTORY HISTORY MEDIA DTTR-ENGLISH DRAMA/MATHS MATHS TUTOR ENGLISH LANG CHEMISTRY 9.00 -10.45 AM PM SESSION 1- MATHS/ENGLISH EXAM PAPER SESSION 2- SCIENCE/BUSINESS EXAM SESSION 3- HISTORY/MEDIA

6-8 HOURS A WEEK	8.30 – 3.15 SCHOOL	3.20 – 4.05pm INTERVENTION CLASSES Travel Home	5 – 5.45pm Revision / Home Learning	6-7pm Dinner/Family Time	7.00- 7.45pm Revision/ Home Learning	8pm onwards Chill Time
MONDAY			RE Paper 1 Relationships and Life and death			
TUESDAY					RE Paper 2 Christianity	
WEDNESDAY						
THURSDAY		RE revision class			RE Paper 3 Islam	
FRIDAY			RE Paper 1 Good and evil and Human rights			
TIMES	9.00 -10.45 AM	11.00 – 12.45PM PM	1.00- 2.45PM	3.00- 4.45PM	5.00- 6.45PM	7.00-8.45PM
SATURDAY	RE Paper 1 All units					
SUNDAY	RE Paper 2 Christianity			RE Paper 3 Islam		

Spacing and Timing of Revision

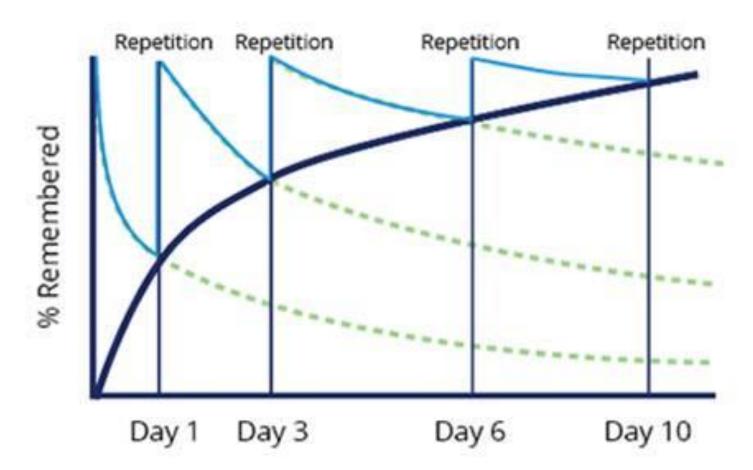
 Time intervals built into the revision sessions are crucial as well as spacing out the days.

This technique aids repetition and cements understanding through the Cognitive process.

 Help your child find the 'optimal gap' between sessions to aid maximum retaining of information.



Spaced Repetition





Keeping Active during Revision

 Encourage your child to do something active with their breaks.

Even 15 minutes of being active impacts positively on improving the Cognitive Brain Function.

 Overall Care- eating, sleeping, relaxing, socialising and down time must be catered for as well.



Flipped Learning Technique

- Encourage your child to be proactive by thinking ahead and asking the teacher which topics are coming up next so they can actively start to understand them.
- Recap of previous work/study of future work/current daily practice of understanding through homework.
- Help your child to take responsibility for their own learning, prioritise work, set targets and tweak good routines.



Three different types of homework

 Ongoing Homework to show understanding-many different forms.

Flipped learning activities.

 Revision of previous material through a revision timetable.



$$(x+2)(x+6)$$
 $x = x + 2$
 $x = x^2 + 2x$
 $x = x^2 + 6x + 12$
 $x^2 + 6x + 12$

PENNIKER OF A RECIONAL PERIODS

PERIODS

PERIODS

P=
$$2x \log h$$
 + $2x \log h$

P= $21 + 2x$

A = $5x = 400$

Som

P= $2x = 2x = 260$

Som

PRECI VOILINE 2

PAHO

DX DX.	2=2-000	
ROOKS-	Squared.	
-	2 6 2 225	13=1
12-1	82.64 15=225.	4
22-4	9-81	$2^3 = 8$
		33 = 27
32-9	10° = 100	3 ³ = 27 4 ³ : 64
	112 = 121	
4= 16	D2: 144	53: 125
62 = 34	B2= 169	103 = 1000
72 = 4	9 142 : 196	113 = 1331

HX ARRO

4x3=60m2

4+5 = 12au

poids

2x8x15+2x8

* x base x neight

2+2×2×1.5

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Area of a rectangle

= leigh x mahi

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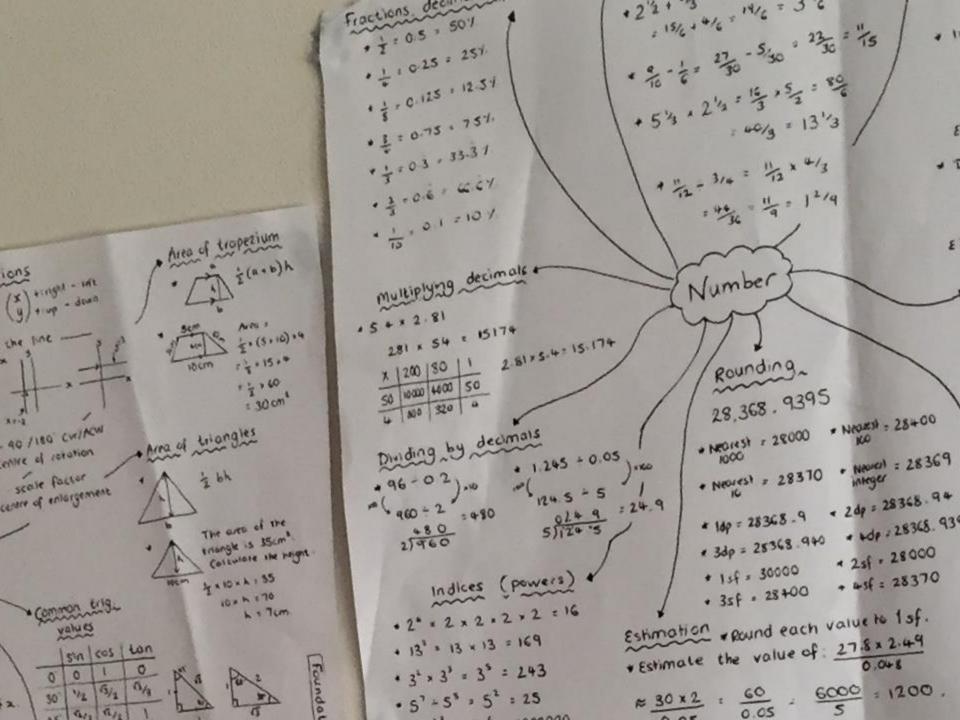
5: 9 uni form -5 (5.9) -5

Unitary form = 1:N

 $5x5=5^2-500AMED$

In 1040 : 3:4:5 3+4+5=12(pats)

SAIGH James Jann = 1200





Commitment Opportunity Respect Excellence