



PiXL Revisit

A Strategy for Revision

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PiXL Revisit – a strategy for revision.

The increased complexity and content of the newly reformed GCSE and A Level exams means that effective revisiting is essential if our students are to achieve academic success.

As teachers, our capacity is already stretched to limit, ensuring that content and skills are covered during curriculum time. Our evenings are often busy with intervention and therapy sessions to consolidate knowledge and to prepare students as fully as possible for the rigour of their exams. We teach, challenge, assess, feedback, and intervene in the hope that our guidance will get them through. However, there is a time every year when we must leave our students to their own devices. We must let them go... armed only with their revision guides, some general advice and some well wishes.

Our main concern, for some pupils, is whether they will actually revise enough in the time they have left. Our second concern is whether the methods they use to revisit will be effective. We certainly don't want our students expending energy and time studying in a way that produces no fruit.

So how can we ensure our students are working effectively outside of the classroom? What does good revisiting look like? The newly reformed exams mean that students will have to recall greater amounts of facts and knowledge quickly. While rote learning and regurgitating content doesn't lead to deep thinking, we know that **firstly** the information needs to go in, through memorisation of key facts. Fundamental knowledge needs to be embedded, even imprinted on the minds of students to facilitate quick and easy recall. **Next** students need to deepen their knowledge through higher-order thinking as information learned and processed through higher-order thinking processes is remembered longer and more clearly than information that is processed through lower-order, rote memorisation. **Finally**, students need to retrieve, demonstrate, apply and test their learning.

PiXL Revisit is a simple revisiting method that ensures students are preparing for external exams in an effective way. It is based on the three key stages explained above and is arranged around a 10 week cycle.

- Stage 1 **Upload -** Embedding the knowledge.
- Stage 2 Process Deepening the knowledge.
- Stage 3 Download Demonstrating the knowledge.

The strategy comes with a clear and simple methodology as well as <u>revisiting templates to organise the learning</u>. A learning schedule is also provided which can be dictated by the teacher or planned by the students.

This pack contains templates we have produced to embed the

"Thinking Hard" devices and use them in the PiXL Revisit Strategy. It also includes a calendar to enable our students to be more independent in their revision. This is most effective when used by individual subjects to ensure that revision is targetted and precise. In the pack we have also included *BLANK* sheets and sheets with instructions.

The methodolgy of PiXL Revisit is described in more detail in the breakout slides. We hope this is useful in enabling students to *engage with* and *think deeply* about the material they are revisiting and by doing this embed it into their memory.

The PiXL Thinking Hard Team

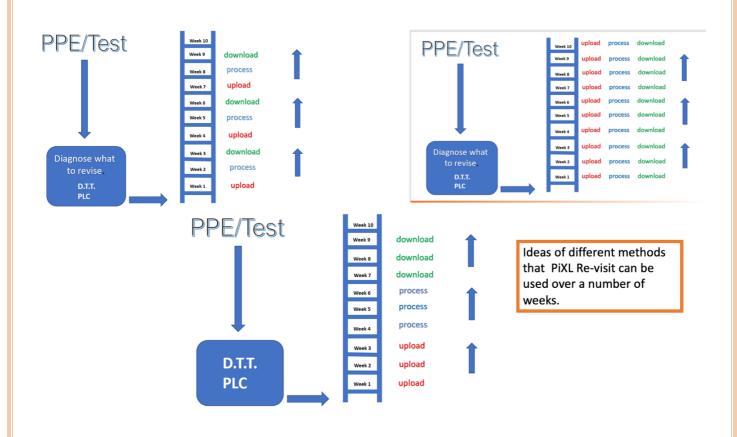






PiXL Re-visit









PiXL Re-visit

CHUNK IT

RE-LEARN IT

WRITE

SPEAK IT

Split the Thinkit into manageable chunks.

Choose a chunk at a time to memorise.

Start with the most important or the most difficult.

Re-read your notes on the chosen topic.

Do some wider research on the internet until you understand it.

Use:

Thinkit/Graspit/Knowit Independence Apps etc. Write a detailed description or an explanation about everything you know about this topic. Try to do this without your notes.

your notes.
Topic on a page
Write key facts you
need to memorise
over and over until you
have memorised them.

Give a verbal explanation about this topic as if you were teaching it.

Repeat facts you need to remember

Record key facts about this topic

Say what you've learnt from memory, using the Thinkit images to prompt you.



PiXL Re-visit

Transform IT

REDUCE IT

SORT IT

LINK

Transform key facts into ia series of images.

Transform what you have learnt into a diagram.

Transform your learning into a poem or a story.

Reduce what you have learnt about this topic into 5 bullet points or prompts.

Reduce the 3 most important facts in this topic into 9 words.

Use the ranking template to rank the most important facts from this topic.

What is the most difficult point to remember? Why?

Categorise key facts from this topic into 3 groups. You choose the group headings. Find 3 links between this topic and other topics you have studied. Link the points together. Link the ideas. Find some Radom links.

Link the factors.



PiXL Re-visit

Download

...

RESTORE

STEP IT

TEST

REFINE IT

Go back to your Reduce it bullet points. Restore them to their original state.

Go back to your images and restore them back into written form..

Create a 5 step process explaining the 3 most difficult learning points here. Recall the process or order of events you have studied Use the Thinkit images to test your knowledge.

Write yourself 3-5 exam questions on this topic or skill.

Improve it Rank it Reorder it Change it Condense it Add to it What have you missed out from your topic on a page?



PiXL Revisit: Reduce and Transform

	*** I-1001101 0	
1.		
2.		
3.		
4.		
5.		



PiXL Revisit: Prioritise - Significance and Importance

Notes:	Key Facts, Dates, Words,	Number of Priority:
1.		WHY?
2.		WHY?
3.		WHY?
4.		WHY?
5.		WHY?

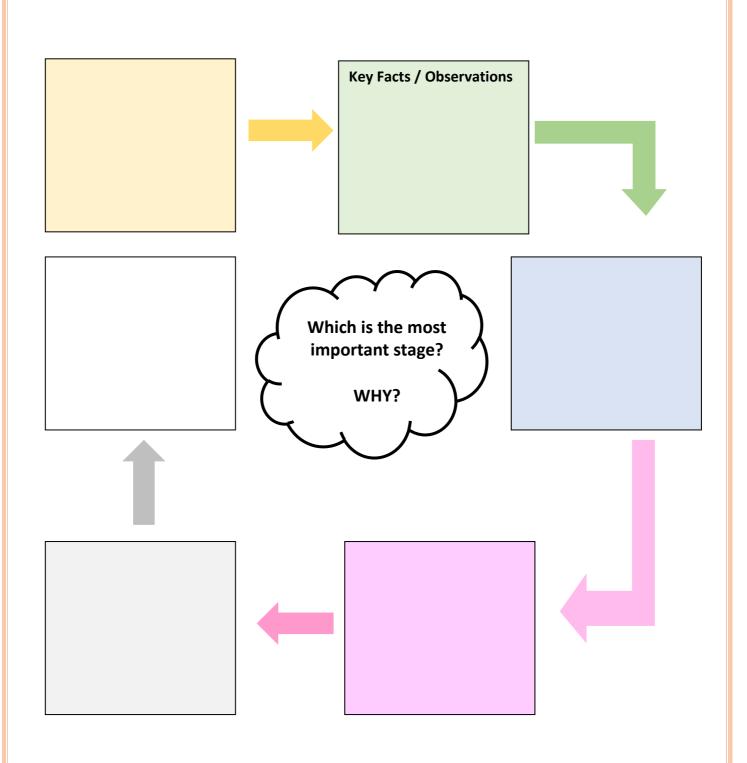


PiXL Revisit: 3 x 2 Testing

Lock Locker	
Last Lesson	1.
Key facts:	
	2.
	2.
Last Week	3.
Key facts:	
,	
	4.
Last Year	5.
Key facts:	
,	
	6.
	0.
-	
One topic to revis	se next:



PiXL Revisit: Process and Categorise Steps and stages explained





PiXL Revisit: Chunk It

Unit / Topic:

Chunks of learning of this / topic / area

* You could start with the most important or the most difficult to learn

	~	
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		



Name of Topic:

PiXL Revisit: Ranking Triangle

Class:
The most important information goes at the top and then the least important at the bottom. Make sure you justify WHY you think it the most/least important.
bottom. Wake sure you justify with you think it the most/least important.
·



PiXL Revisit: Thinking Hard Model

Name of Topic:		
Name:		
Class:		
Take	e a section of the to	ext and do the following:
1)	Prioritise: Underline to out the least importa	the three most important sentences here. Rank 1-3, briefly explain number 1. Cross int sentence
2)	Reduce: Reduce the k	key information into 12 words
3)	Transform: Transform	n this information into 4 pictures or images (no words allowed)
4)	Categorise: Sort this i category.	information into three categories. Highlight and think of a suitable title for each
5)	Extend: Write down t	three questions you'd like to ask an expert in this subject.



PiXL Revisit: 'Boxing Up' Activity

Name of Topic:	
Name:	
Class:	
Read the text and ther the text.	n put your thoughts in to different boxes so that you have 'boxed up'
Box 1 – 3 things I did not	know
Box 2 – 3 things I underst	and hetter now
Box 2 – 3 things i underst	and better now
Box 3 – 3 things I already	knew

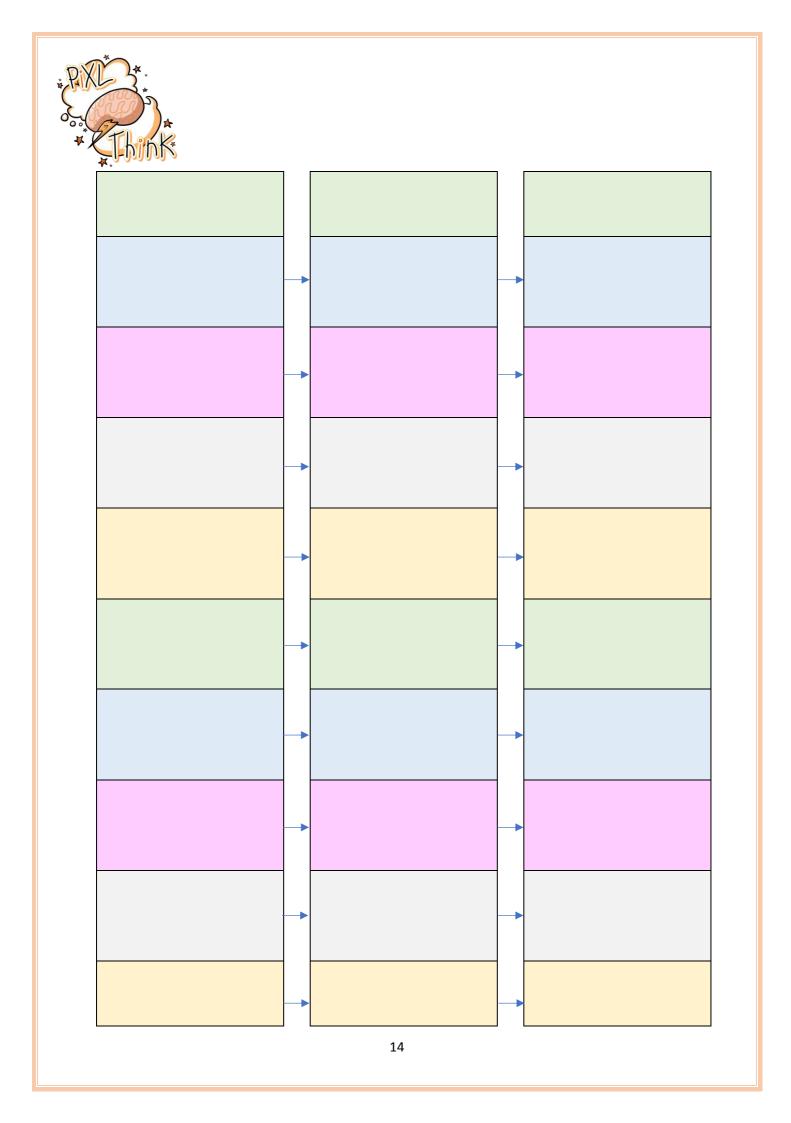


PiXL Revisit: Question Time

Name of Topic:	
Name:	
Class:	
When you read any	text you should be asking it questions NOT just letting it wash over you

Read your text and pause and ask it questions - e.g. 'what do you mean when you say '...."?'

Things I need to ask my Questions I'm asking the text Answers to those questions teacher





Name of Topic:

PiXL Revisit: Quizzing

Nam	e:	
Class	:	
Read	the text and come up with 20 questions to a	ask someone about the text.
	Question	Answer
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		



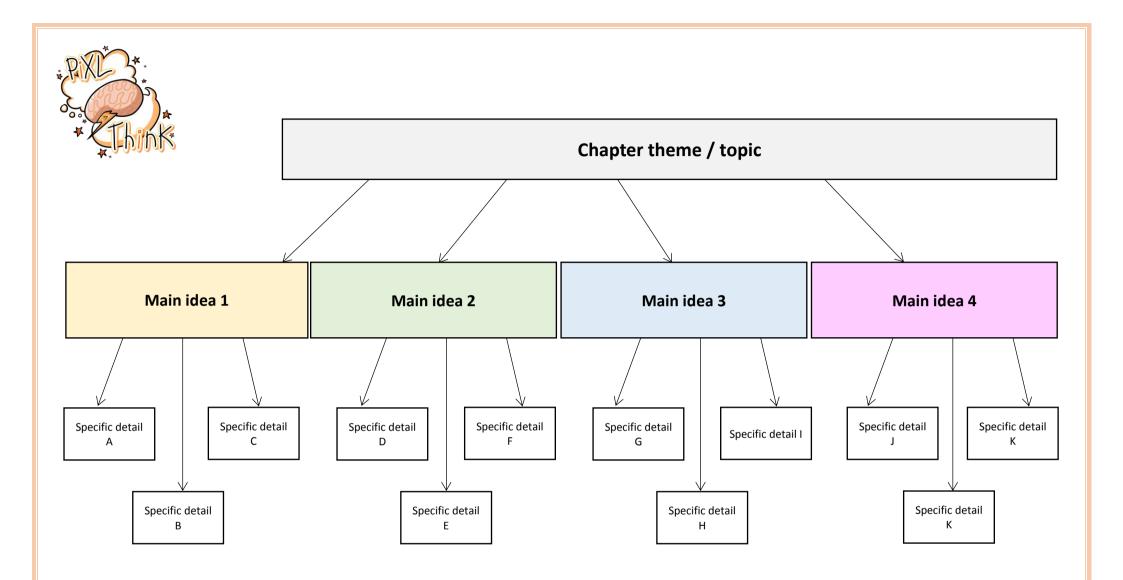
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19	
20	

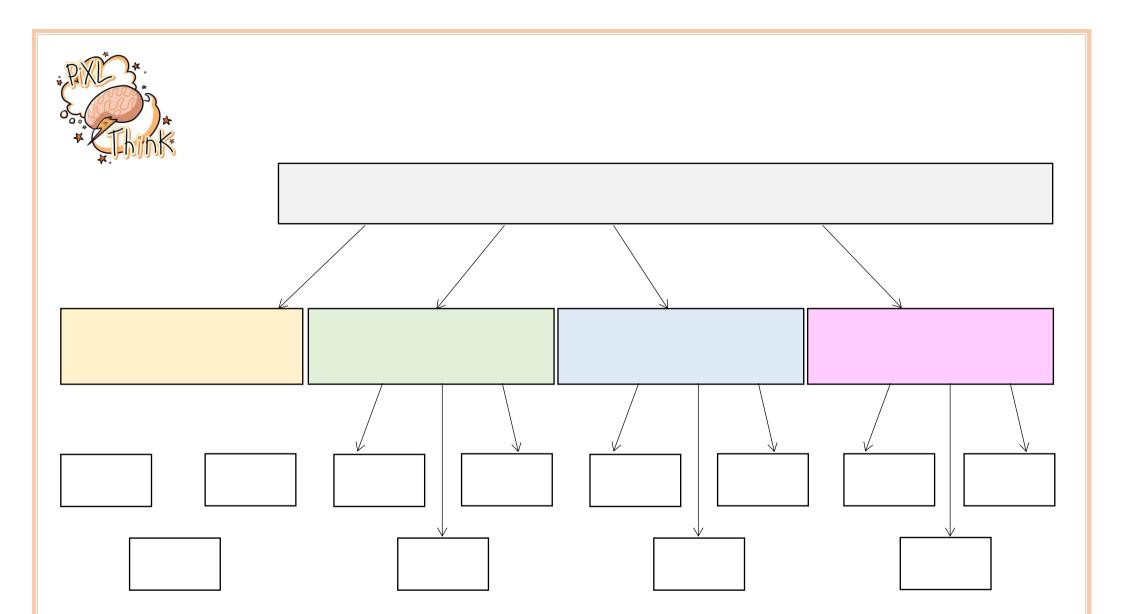


PiXL Revisit: Transforming

Name of Topic:			
Name:			
Class:			
piece of information.	The pictures must represen	tures – one per paragraph or nt the information so that the n picture, explain your thinkin	y can act as a
1.	2.	3.	
4.	5.	6.	

Now restore your pictures back into its original form.





Taken from the article: 'What Will Improve a Student's Memory?' By Daniel T Willingham (http://www.aft.org/sites/default/files/periodicals/willingham 0.pdf)



PiXL Revisit: Transform

Unit / Topic:

Key Points PICTURE/ SOURCE/ INFO/ RESOURCE 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. Most important + WHY: 20

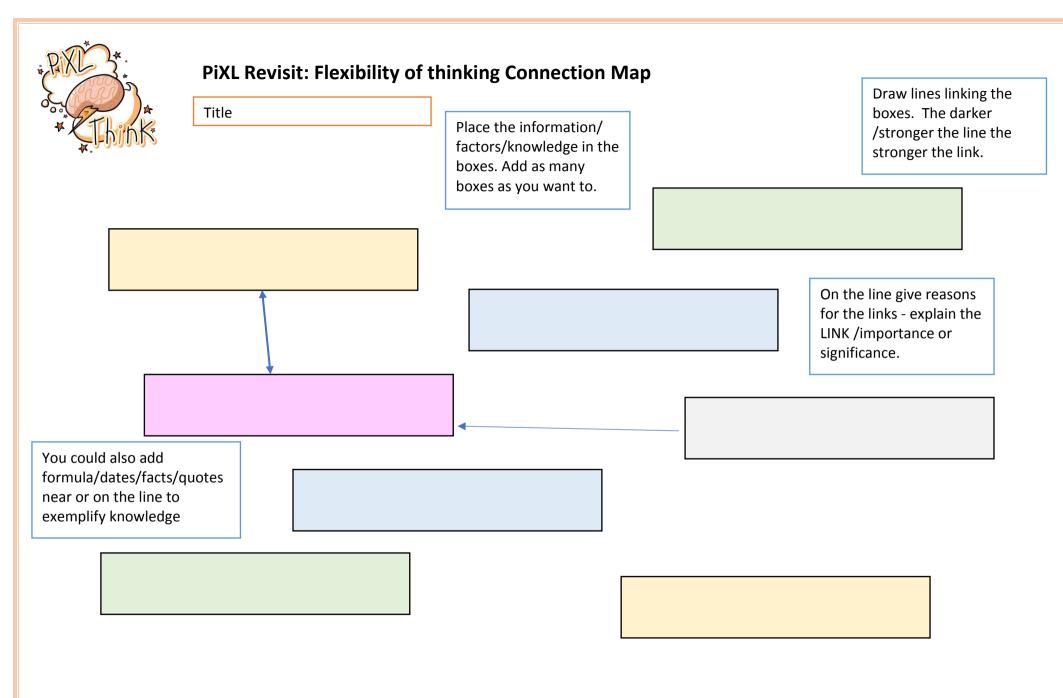


PiXL Revisit: Examine It

NOTES					Exam Question
Topic:					
1					
1.					
2.					
3.					
4.					
5.					
6.					
Key Words	Key Dates	Key Facts	Key Quotes	Key Formulae	



Think	Title	ng Connection Ma	ар	





PiXL Revisit: Experiment on a page

Experiment Title:

Process / Method

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Results



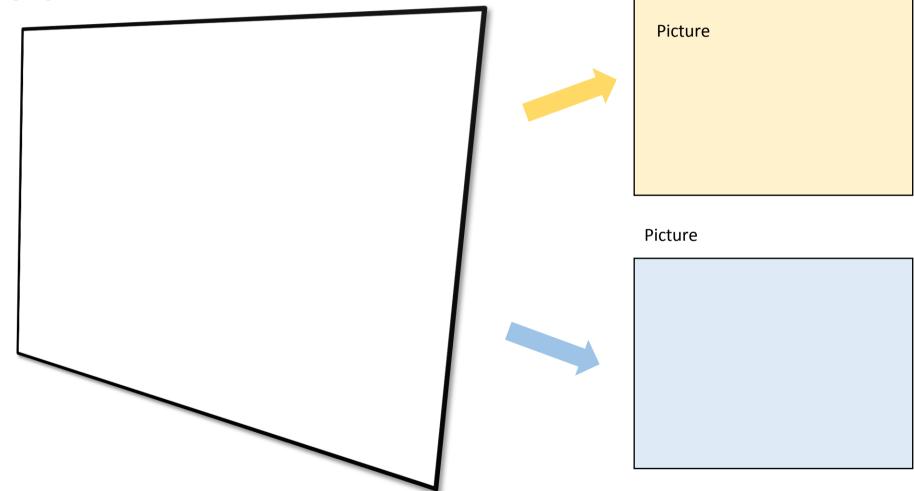
<u>Formulae</u>



PiXL Revisit: Transform

Unit / Topic:

NOTES:





PiXL Revisit: Reduce to 6 points

Unit / Topic:

Information

R E D U C E

Ρ

R

0

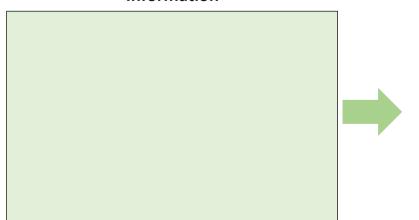
Reduce to 6 points

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Reduce to 3 key points

- A.
- В.
- C.

Information



Prioritise (most important)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

26

WHY?



PiXL Revisit: Chunk It Revision Timetable, March - April

Monday	Tuesday	Wednesday	Thursday	Friday
25 th March	26 th March	27 th March	28 th March	29 th March
Not sure OK Great!				
I must recap:				
Page number:				
1st April	2 nd April	3 rd April	4 th April	5 th April
Not sure OK Great!				
I must recap:				
Page number:				



PiXL Revisit: Chunk It Revision Timetable, April

8 th April			9 th April			10 th April			11 th April			1	12 th April			
о дрії			3 April			10 April			TI April			1	12 April			
Not sure	ОК	Great!	Not sure	ОК	Great!	Not sure	ОК	Great!	Not sure	ОК	Great!	n Ir	Not sure	ОК	Great!	
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Page number:			Page number	:		Page number:			Page number	:			Page number:			
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15 th April			16 th April			17 th April			18 th April			1	19 th April			
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Not sure	ОК	Great!	Not sure		Great!	Not sure		Great!	Not sure		Great!		Not sure		Great!	



PiXL Revisit: Chunk It Revision Timetable, April - May

Monday	Tuesday	Wednesday	Thursday	Friday
22 nd April	23 rd April	24 th April	25 th April	26 th April
Not sure OK Great!				
29 th April	30 th May	1 st May	2 nd May	3 rd May
Not sure OK Great! I must recap:				
Page number:				



PiXL Revisit: Chunk It Revision Timetable, May

6 th May			7 th May			8 th May			9 th May			1	10 th May		
Not sure	OK	Great!] [Not sure	OK	Great!									
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I must recap:			I must recap:			I must recap:			I must recap:			1	must recap:		
Page number:			Page number:			Page number:			Page number:			F	Page number:		
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13 th May			14 th May			15 th May			16 th May			1	17 th May		
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Not sure	OK	Great!	-	Not sure	OK	Great!									
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I must recap:			I must recap:			I must recap:			I must recap:			1	must recap:		
Page number:			Page number:			Page number:			Page number:			F	Page number:		



PiXL Revisit: Chunk It Revision Timetable, May

20st May			21st May			22 nd May			23 rd May			24 th May		
	Lau	T		_	1					,			•	
Not sure	OK	Great!	Not sure	OK	Great!	Not sure	OK	Great!	Not sure	OK	Great!	Not sure	OK	Great!
	•			ı			1			I			I	l l
I must recap:			I must recap:			I must recap:			I must recap:			I must recap:		
Page number:			Page number:			Page number:			Page number:			Page number:		
27 th May			28 th May			29 th May			30 th May			31 st May		
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						Recap every Paper x.	thing you ne	eed to for	Recap every Paper x.	thing you no	eed to for	Recap ever Paper x.	ything you r	need to for
							thing you ne	eed to for		thing you no	eed to for		ything you r	need to for
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	ОК	Great!			Great!	Not sure	OK	Great!	Not sure	ОК	Great!	Not sure	ОК	Great!



PiXL Revisit: Chunk It Revision Timetable, June

3 rd June	4 th June	5 th June	6 th June	7 th June
Recap everything you need to for Paper x.	Recap everything you need to for Paper x.	Recap everything you need to for Paper x.	Recap everything you need to for Paper x.	Recap everything you need to for Paper x.
Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?
10 th June Recap everything you need to for Paper x.	11 th June Recap everything you need to for Paper x.	12 th June Recap everything you need to for Paper x.	13 th June Recap everything you need to for Paper x.	14 th June Recap everything you need to for Paper x.
Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?



PiXL Revisit: Chunk It Revision Timetable, June

17 th June	18 th June	19 th June	20 th June	21st June
Recap everything you need to for Paper x.	Recap everything you need to for Paper x.	Recap everything you need to for Paper x.	Recap everything you need to for Paper x.	Recap everything you need to for Paper x.
Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?
24 th June Recap everything you need to for Paper x.	25 th June Recap everything you need to for Paper x.	26 th June Recap everything you need to for Paper x.	27 th June Recap everything you need to for Paper x.	28 th June Recap everything you need to for Paper x.
Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?	Not sure OK Great! What do you need to re-cover?



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