PiXL Revisit

A Strategy for Revision

© Commissioned by The PiXL Club Ltd. October 2019
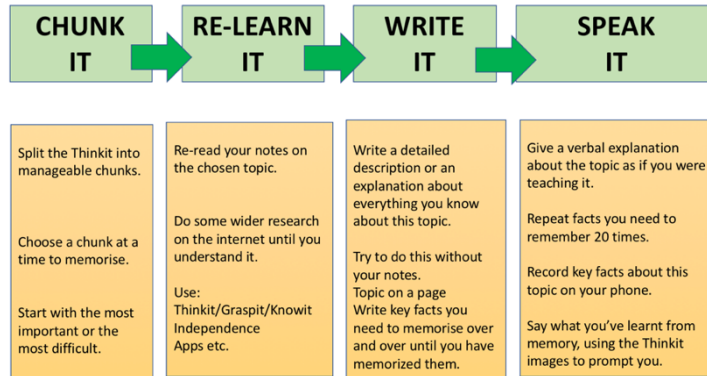
Revising: Climate Change
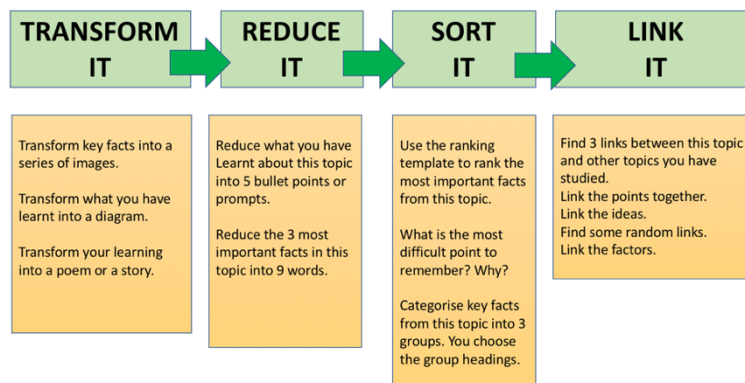
Upload

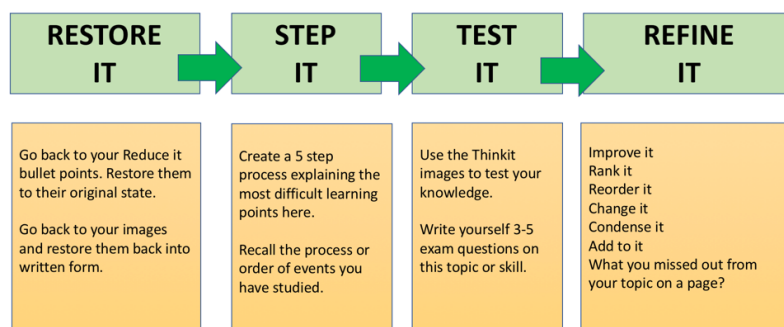## PiXL Re-visit

CHUNK IT	RE-LEARN IT	WRITE IT	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.
Topic on a page
Write key facts you need to memorise over and over until you have memorized them. | Give a verbal explanation about the topic as if you were teaching it.

Repeat facts you need to remember 20 times.

Record key facts about this topic on your phone.

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

Process

PiXL Re-visit

TRANSFORM IT	REDUCE IT	SORT IT	LINK IT

Transform key facts into a 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 random links.
Link the factors. |

Download

PiXL Re-visit

RESTORE IT	STEP IT	TEST IT	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 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 you missed out from your topic on a page? |

PiXL Revisit: Transform

Climate change: transform this graph that shows **long term variations in temperature** into key points.

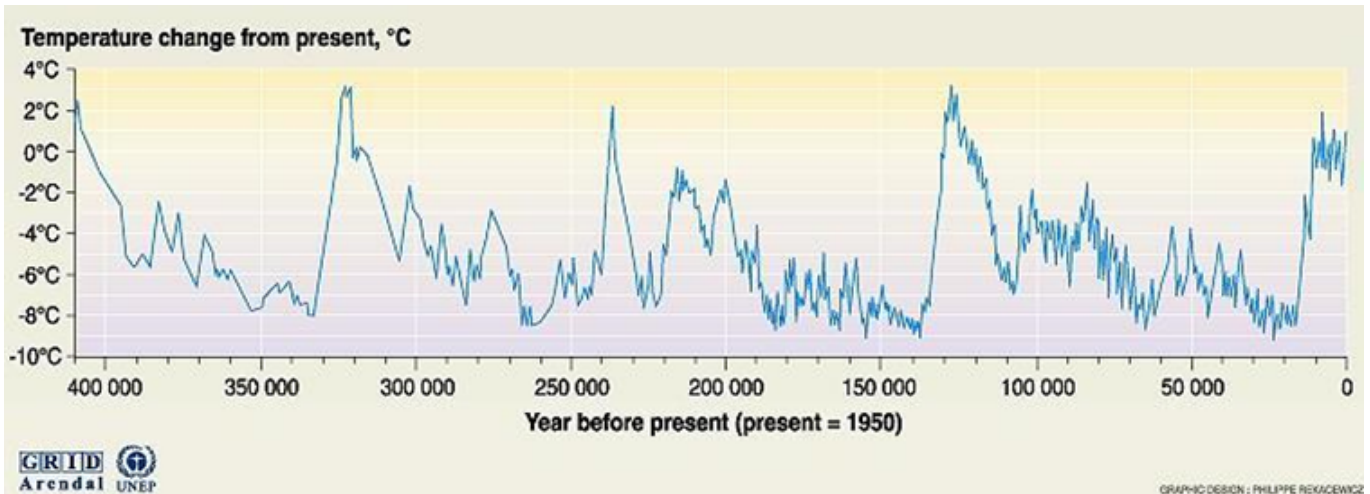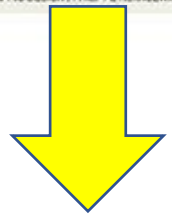Describing graphs – **PADL**
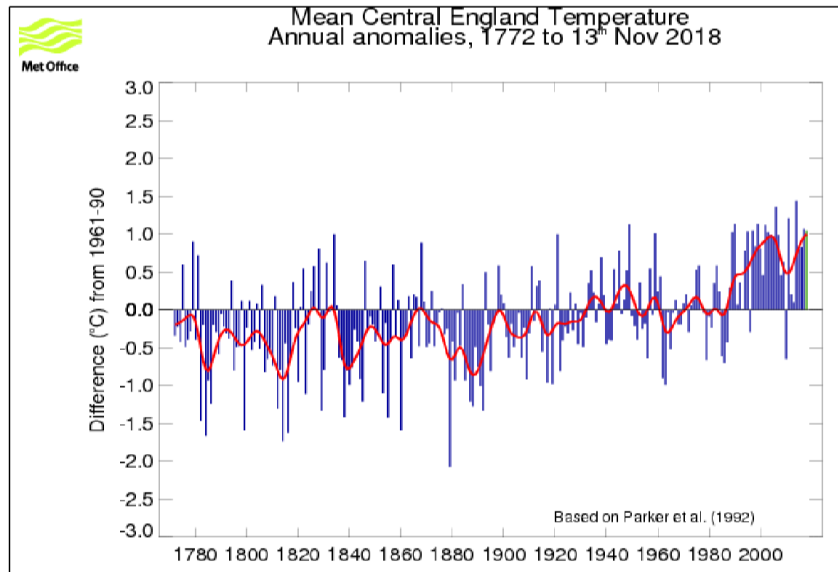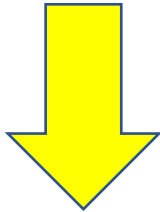P = pattern + trend
A = anomalies
D = data
L = link to the question

Temperature change from present, °C

Year before present (present = 1950)

GRID Arendal UNEP

Source: J.R. Petit, J. Jouzel, et al. Climate and atmospheric history of the past 420 000 years from the Vostok ice core in Antarctica, Nature 399 (3JUne), pp 429-436, 1999.

Key points

1.

2.

3.

4.

Most important + WHY:

PiXL Revisit: Transform

Climate change: transform this graph that shows **the trends in temperature** into key points.

Describing graphs

– **PADL**

P = pattern + trend

A = anomalies

D = data

L = link to the question

Mean Central England Temperature
Annual anomalies, 1772 to 13th Nov 2018

Met Office

Based on Parker et al. (1992)

Image source: Environment Agency UK

Key points

1.

2.

3.

4.

5.

6.

Most important + WHY:

PiXL Revisit: Reduce and Transform

Climate change. Reduce: Summarise **the natural causes of climate change.**
One sentence for each cause. Then transform into a set of images.

1.
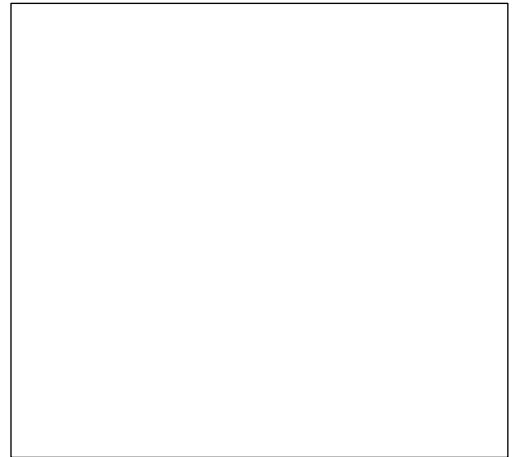
2.
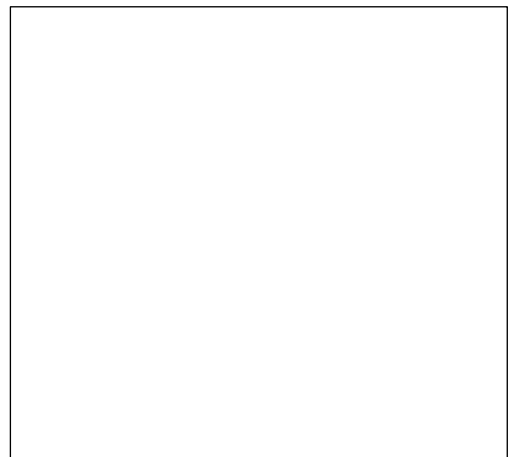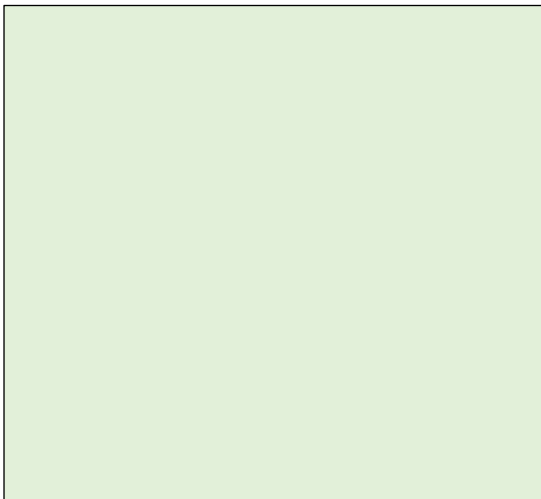
3.
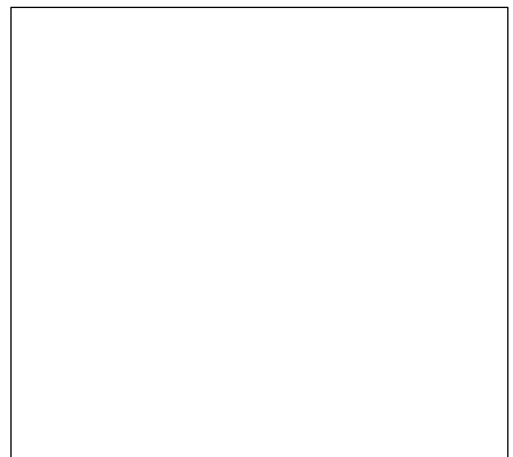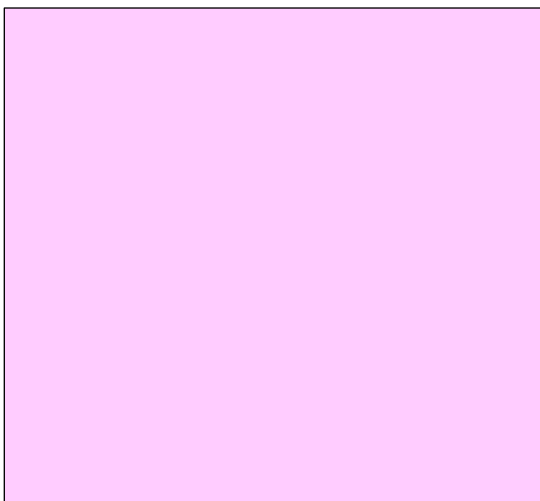
PiXL Revisit: Prioritise - Significance and Importance

Climate change: Identify **the human causes for climate change.** Summarise the key points. Pick out significant facts, figures and places. Prioritise which cause has the greatest impact and say why.
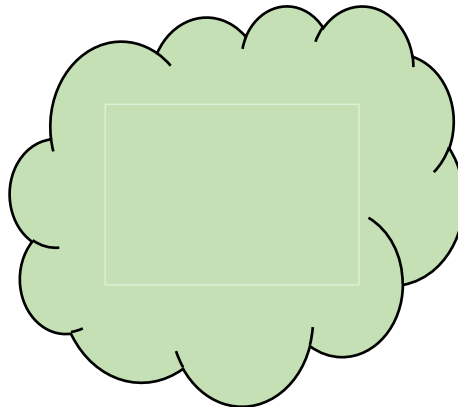
Summarise human causes of climate change	Key facts, data, place.	Number of Priority:
1.Agriculture		WHY?
2. use of fossil fuels		WHY?
3. deforestation		WHY?
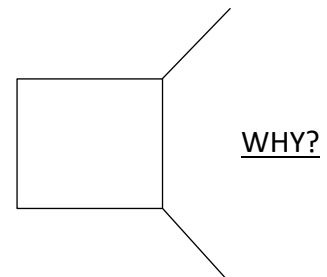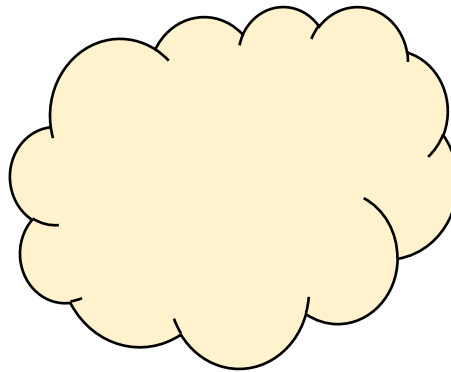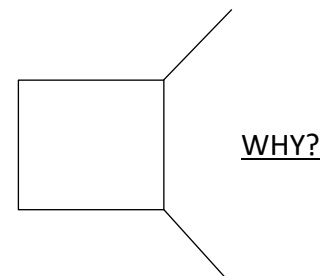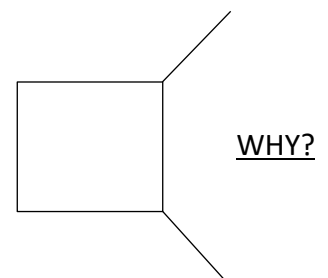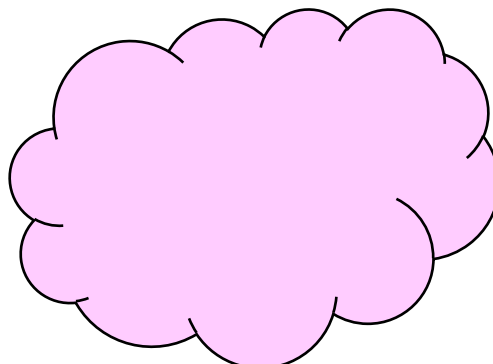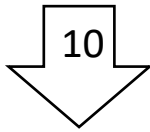
PiXL Revisit: Chunk It

Climate change: Chunk the learning from this topic.
You could start with the most important or the most difficult to learn.

10

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

PiXL Revisit: Chunk It

Climate change: <u>Managing climate change - mitigation</u> (reducing causes).

There are a number of mitigation strategies to reduce climate change. Put them in order of effectiveness, and include detail and examples. Make sure you justify WHY you think it is the most/least effective.

Explain in detail your 1st place:

_____

_____

_____

_____

PiXL Revisit: Ranking Triangle

Climate change: <u>Managing climate change - adaptation</u> (responding to change).

There are a number of mitigation strategies to reduce climate change. Put them in order of effectiveness, and include detail and examples. Make sure you justify WHY you think it is
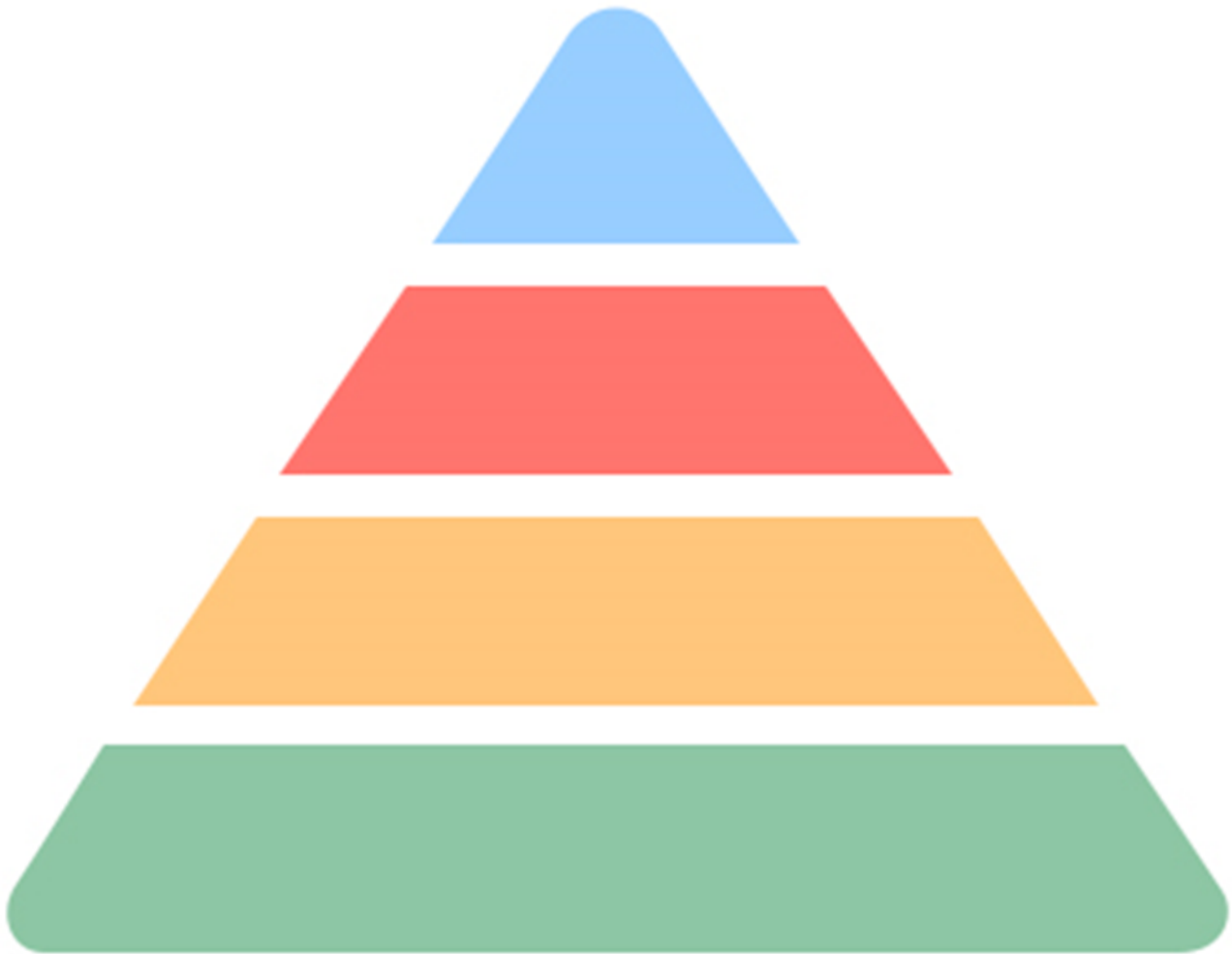
the most/least effective.

Explain in detail your 1st place:

_____

_____

_____

_____

PiXL Revisit: Explain it!

Climate change: the enhanced greenhouse effect. Add annotations to the diagram below to explain in detail the enhanced greenhouse effect.
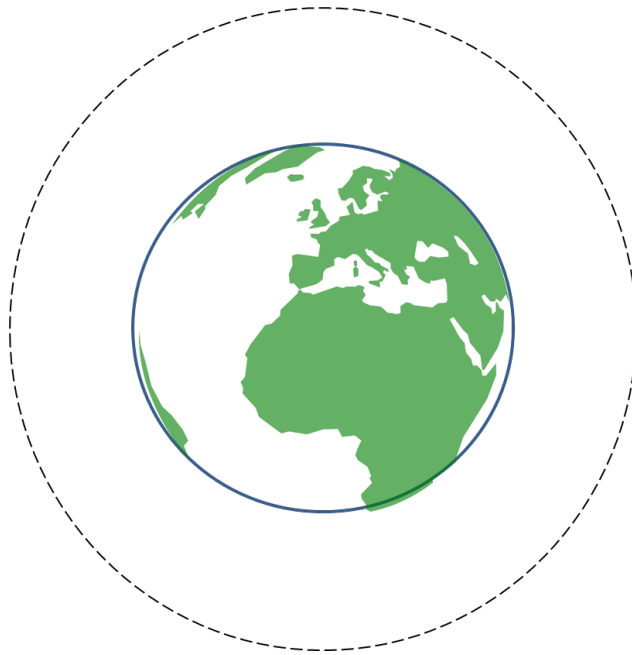
Transform your annotated diagram into a written explanation of the enhanced greenhouse effect.

_____

_____

_____

_____

PiXL Revisit: Diamond 9.

Climate change: Prioritise**. Evaluate <u>the strategies used to reduce the impacts of climate change.</u>**

PiXL Revisit: Quizzing - Climate change

Read through your notes/revision books and come up with 10 questions to ask (think about the command words you will use - e.g. describe, explain, assess, evaluate, justify).
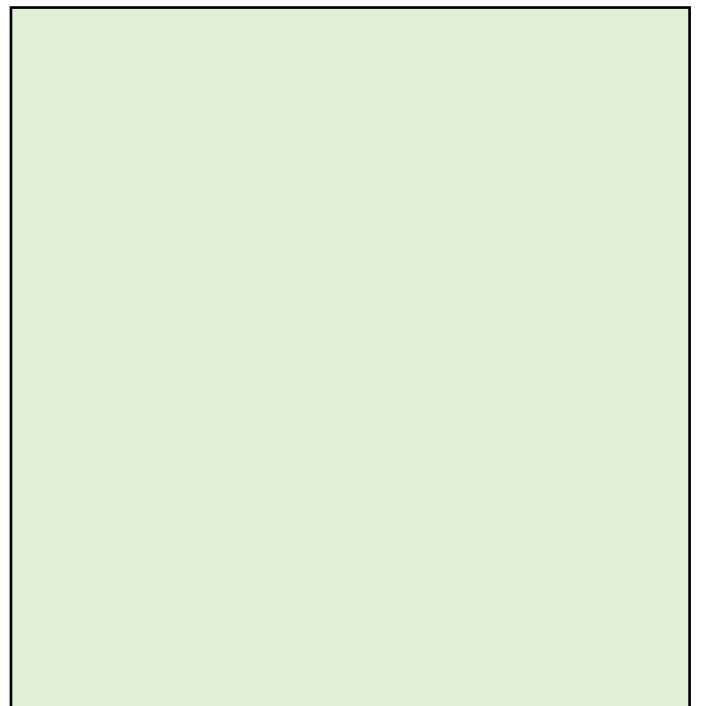
	Question	Answer
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

PiXL Revisit: Transform.

Read some text about **the effects of climate change on people and the environment** and convert those into a set of pictures.

text

Pictures - People

Pictures - Environment

[Type here]