

COMPREHENSION

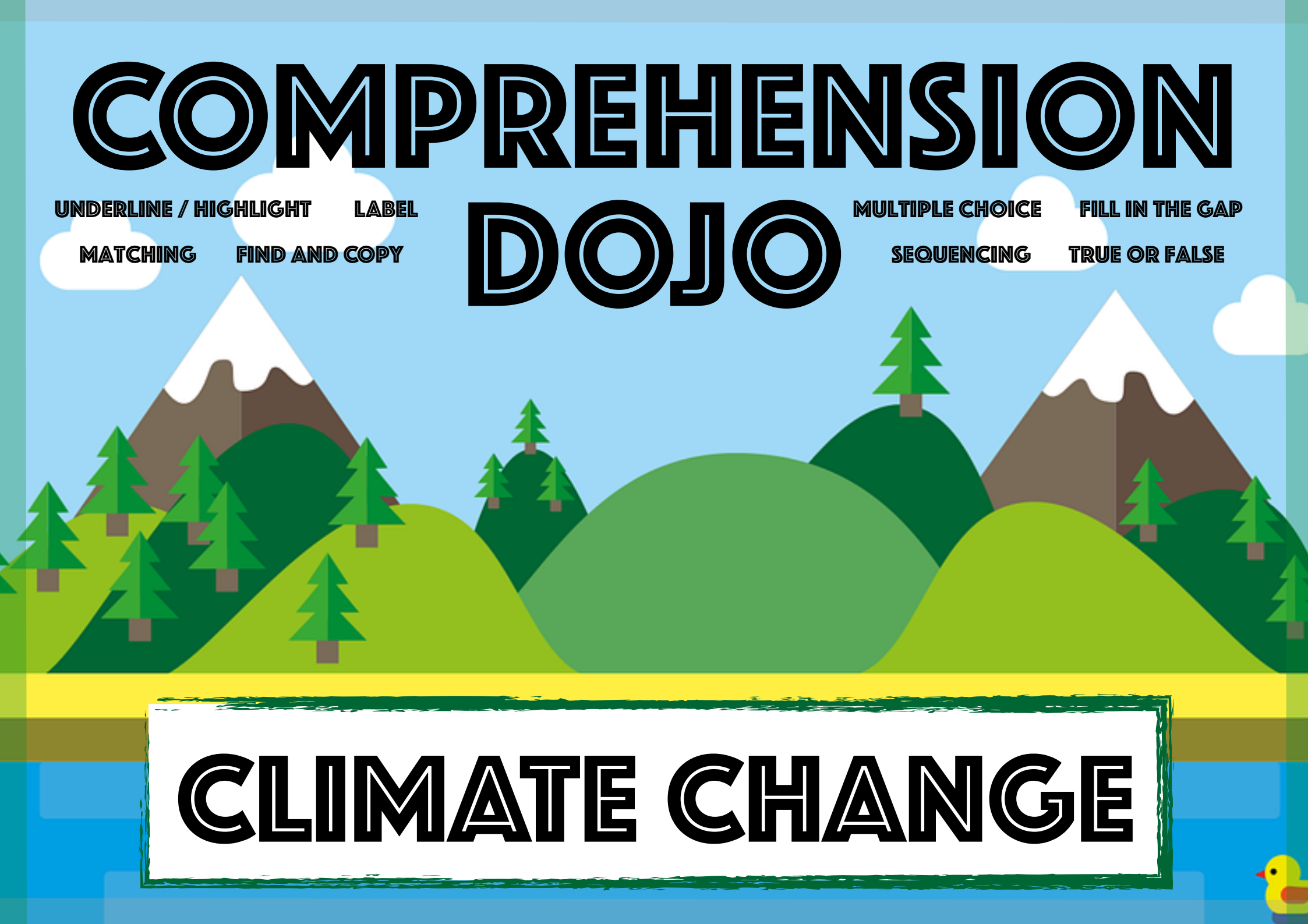
UNDERLINE / HIGHLIGHT LABEL

MATCHING FIND AND COPY

DOJO

MULTIPLE CHOICE FILL IN THE GAP

SEQUENCING TRUE OR FALSE



CLIMATE CHANGE

THE COMPREHENSION DOJO

By Vocabulary Ninja



8 Core Skills

Welcome Grasshopper! To the The Comprehension Dojo by Vocabulary Ninja! Much like a standard Dojo, The Comprehension Dojo is a place where reading skills can be acquired, practised, and in time...mastered!

We all know it is nearly impossible to fit in everything we need to in a school day, and reading often ends up becoming the poor relation in terms of time spent. The Comprehension Dojo will help schools embed reading skills into foundation subject and topic subjects, as well as increase topic subject knowledge. Win, Win!

Comprehension Dojo packs have been created to give pupils opportunities to learn and master essential reading retrieval skills that they will encounter in KS1 and KS2 SATs. Questions have been designed to closely match SATs questions.

In this pack you will find a high-quality non fiction text and 8 different reading retrieval activities based on the 8 core comprehension skills. These can all be printed and easily turned into a handy booklet. All answers have been provided too, reducing teacher workload!

- Matching
- Sequencing
- Fill in the Gap
- Find and Copy
- Multiple Choice
- Underline
- Label
- True or False

KEY SKILL 1 - SKIM AND SCAN

Reading comprehension relies on how efficiently a pupil can navigate a text and locate information.

The ability to skim and scan is therefore vital.

Skim - Try to remember a general area, use headings and topic sentences to locate the correct paragraph or section of the text.

Scan - Once the correct section has been located, pupils then scan that paragraph to locate a **KEYWORD** that was identified/used in the question (Be careful, as this could be a synonym of a different tense).

Pupils should then read the sentences before, in and after to retrieve/locate the answer or information.

KEY SKILL 2 - KEYWORDS

Train pupils to identify a keyword in a question. A keyword is usually a topic specific word/phrase that stands out in the question. By identifying this word and then locating it, pupils will locate the information that they require to answer the question.

Example: When did **education** become important?

Education would be considered the key word, pupils should then use **KEY SKILL 1** to locate the keyword in the text. Pupils must then read the surrounding sentences carefully to determine the correct answer.

Beware: Pupils will often just read on from the key word. Teach them to read the sentence the word is in and even the sentence before!



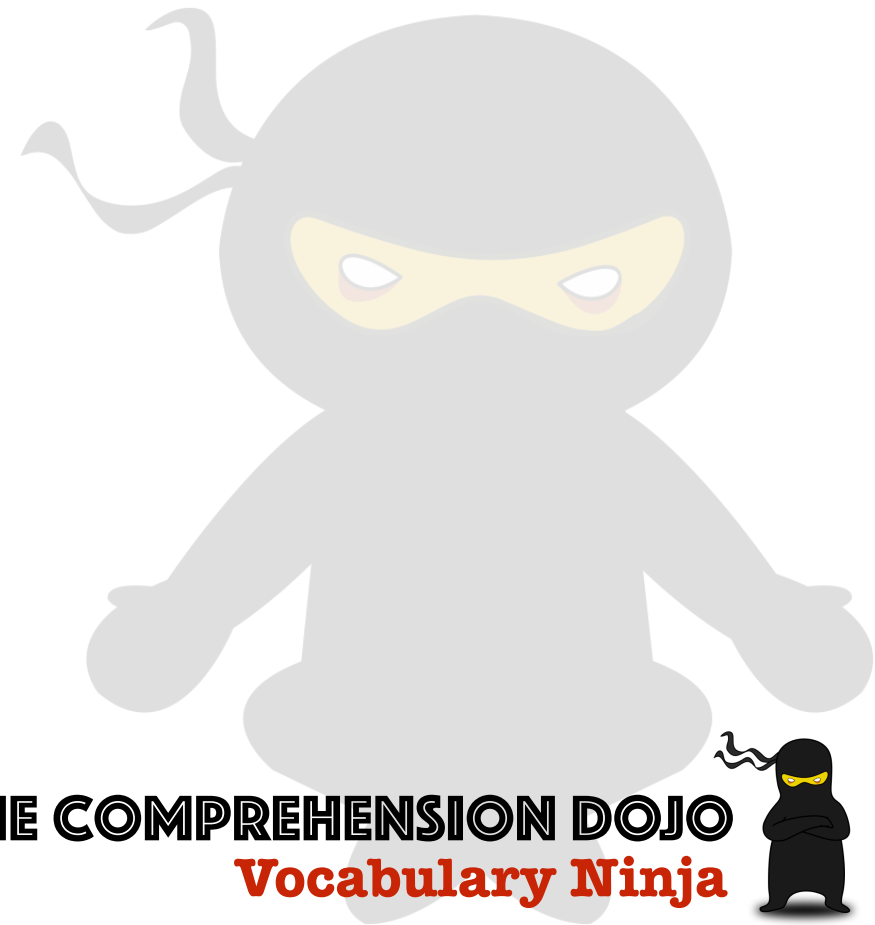
'Words unlock the doors to a world of understanding...'



BOOKLET

The following pages have been organised so that the resource can be printed two-sided as a stapled booklet.

Only print pages 4 to 9 to print the booklet.



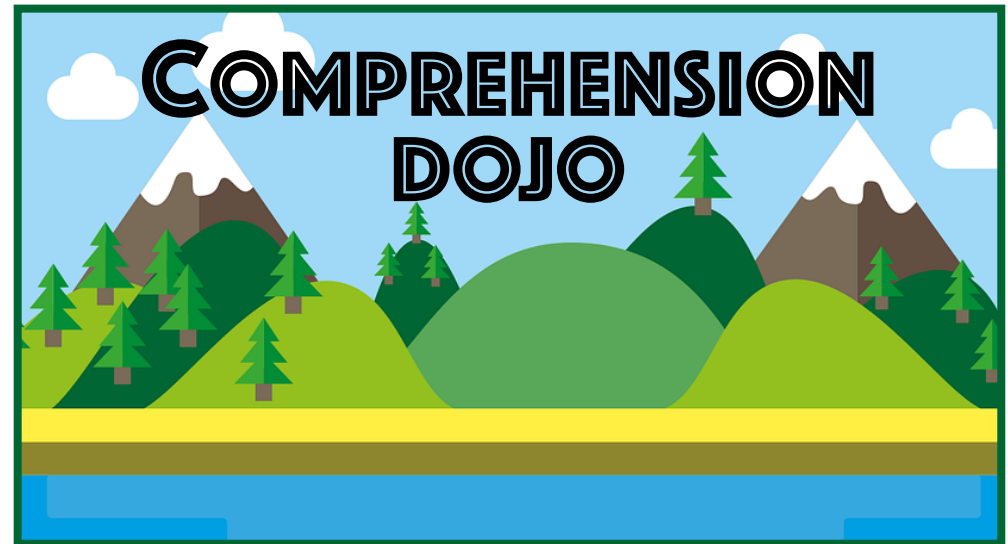
SCORE CENTRE

Comprehension Skills	Score	NINJA DETAILS	
True or False	/ 5	Name:	
Label	/ 6		
Matching	/ 5	Final Score:	
Underline	/ 5	/ 44	
Fill in the Gap	/ 8	Reading Skill Level:	
Find and Copy	/ 5		
Sequencing	/ 5	Date:	
Multiple Choice	/ 5	/ /	
Total	/ 44		

VOCABULARY NINJA - READING SKILL LEVEL					
GRASSHOPPER	SHINOBI	WARRIOR	SAMURAI	ASSASSIN	GRAND-MASTER
0 - 8	9 - 15	16 - 22	23 - 29	30 - 36	37 - 44

Fill in all of the details in the score centre to discover where your strengths are! Then think about which skills you need to develop and train!
Place a tick to show which reading skill level you have achieved.

THE COMPREHENSION DOJO
Vocabulary Ninja



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Meet the needs of the National Curriculum.

Questions that mirror KSI/2 examinations.

Engaging topics to spark pupils' imaginations.

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Climate Change

The Earth's climate has changed throughout its history through ice ages and periods of increased warming. The last ice age (Pleistocene Epoch) lasted until approximately 11,700 years ago. All of the current evidence suggests that the planet's climate is warming once again. Scientists are 95% sure this is due to human activity such as an increasing population requires energy and products to be manufactured on an industrial scale.

Climate Warming.

The planet's average temperature has risen approximately 1 degree Celsius over one hundred years. Most of this global warming has occurred in the last 40 years. Summers seem to be becoming warmer and given the sweltering temperatures in the UK in the summers of 2016 and 2018, these heatwaves seem to be becoming increasingly normal. The number of extreme weather events such as storms, blizzards and heat waves have increased. Accordingly, the number of record high temperatures have increased and the number of record low temperatures have decreased. Climate warming may have disastrous ramifications for life on Earth. Plants and animals may not be able to adapt to the environmental changes at the same rate as the Earth is heating up.

Sea Levels.

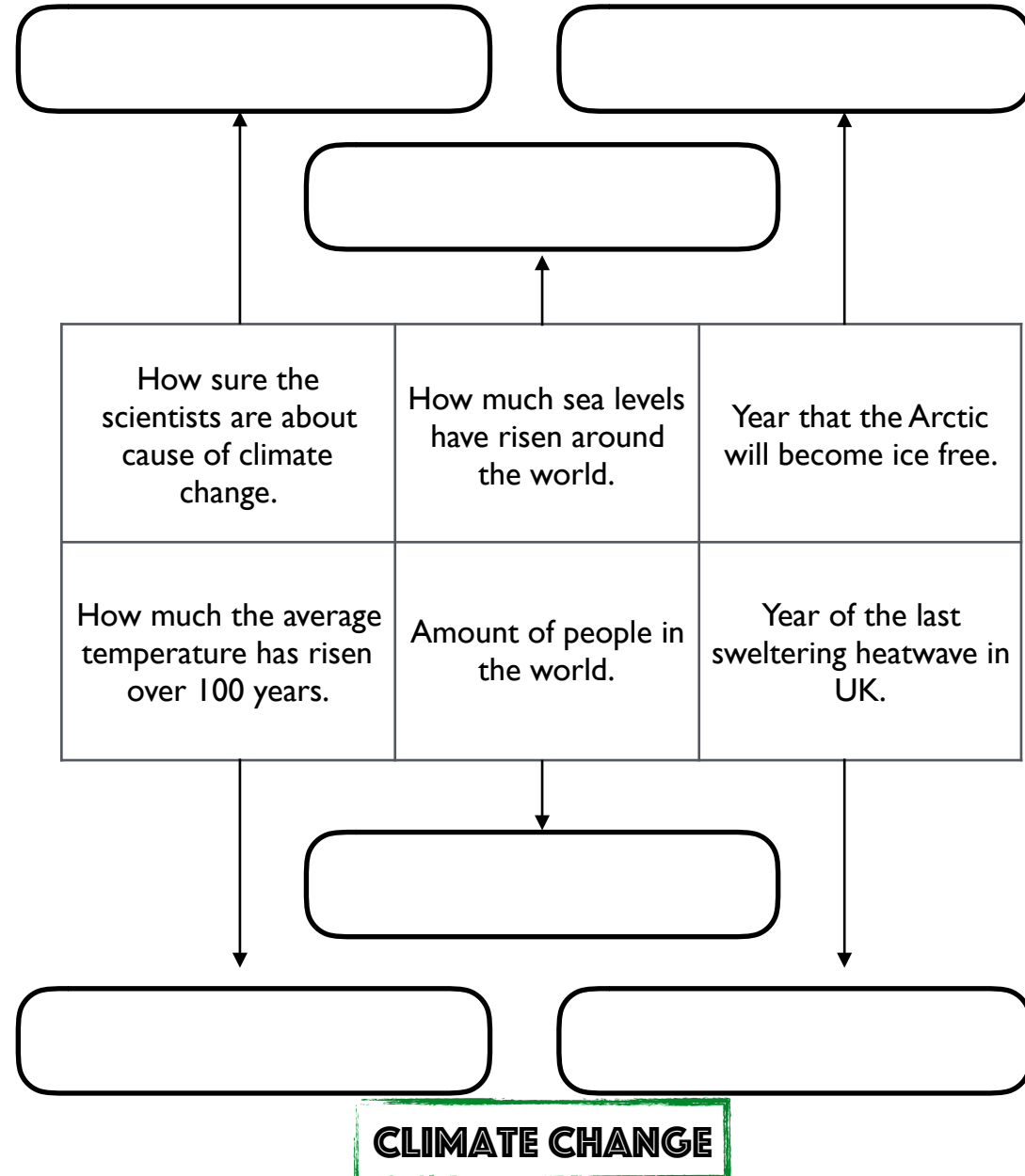
During the 20th century, sea levels rose around the world by about 20cm. This is double that of the previous century. The size and thickness of the arctic sea ice has decreased in the last few decades. Many cities and towns close to the ocean or bodies of water may be at risk in future generations should sea levels continue to rise.

CLIMATE CHANGE

LABEL

Labelling often focuses on organisational features and requires a pupil to re-present the information.

Label the table below with the correct number.



TRUE OR FALSE

True or false questions rely on a pupils ability to decide whether a statement is correct or not. To do this they need to be able to locate evidence accurately.

**Decide if the statement is True or False.
Put a tick in the correct box.**

STATEMENT	TRUE	FALSE
Climate change is likely to escalate this century		
The number of extreme weather events have decreased.		
Climate change helps polar bears find their prey.		
The thickness of the Arctic ice has increased.		
Cities are investing in renewable energy.		

CLIMATE CHANGE



Ninja Tip:
Skim and Scan to locate information efficiently!

Effects.

Climate change is very likely to continue to escalate through this century and beyond unless harmful emissions are brought under control quickly. Temperatures will continue to rise, although it may not be easily noticeable from year to year as human generated warmth is superimposed onto a naturally varying climate. It is likely that any global warming will be gradual and subtle. Plant growth may change with warmer temperatures; it may take longer to grow more crops. Worldwide, there may be more droughts or heatwaves with extreme weather becoming increasingly common. The Arctic is likely to become ice free in summer by 2050. This will have significant implications for animals such as polar bears that depend on glaciers and ice caps to use as shelves from which to dive into the ocean to hunt for prey.

What Can Be Done?

Governments around the world are pledging to reduce their emissions by 2020 to slow down the effects of climate change. Cities and countries across the world are investing in renewable energy rather than burning fossil fuels, some of these include wind turbines and marine energy. There are 7 billion people in the world, a number which is rapidly increasing, and that means an enormous amount of energy is needed to sustain them. It may take 7 billion people to change their habits and mind sets to halt the effects climate change has on our planet. Many people now make informed choices for a better future, including moving closer to work or school to reduce the emissions from transport; doing more with less such as turning off electrical devices not in use and having smaller families.

CLIMATE CHANGE

MATCHING

Matching is an essential retrieval skill. Matching is where associated information is identified!

**Draw a line to the information that is linked in the text.
Remember to look back at the text to find the answer.**

Most warming
occurred during

the last century

Sea levels rose in

the last 40 years

A heatwave in
the UK

2018

Governments
pledge to cut
emissions by

this century and
beyond

Climate change
to escalate

2020

CLIMATE CHANGE



Ninja Tip:
Skim and Scan to
locate information
efficiently!

UNDERLINE / HIGHLIGHT

Underline/Highlight is usually a word or phrase and can be linked to a pupil's understanding of meaning.

Effects.

Climate change is very likely to continue to escalate through this century and beyond unless harmful emissions are brought under control quickly. Temperatures will continue to rise, although it may not be easily noticeable from year to year as human generated warmth is superimposed onto a naturally varying climate. It is likely that any global warming will be gradual and subtle. Plant growth may change with warmer temperatures; it may take longer to grow more crops. Worldwide, there may be more droughts or heatwaves with extreme weather becoming increasingly common. The Arctic is likely to become ice free in summer by 2050. This will have significant implications for animals such as polar bears that depend on glaciers and ice caps to use as shelves from which to dive into the ocean to hunt for prey.

Underline (U) or Highlight (H) Questions.

1. U or H a word that means to increase.
2. U or H a word means one hundred years.
3. U or H a word that means to place something on top of something else.
4. U or H a word that means changing.
5. U or H a word that suggests that something will happen slowly.

CLIMATE CHANGE

FILL IN THE GAP

Requires completion of a sentence or phrase with words drawn from the text.

Retrieve the exact word from the text.

1	The Earth's climate has changed _____ its history through ice ages and periods of increased warming.
2	All of the _____ evidence suggests that the planet's climate is warming once again.
3	The planet's average temperature has risen _____ 1 degree Celsius over one hundred years.
4	Plants and animals may not be able to adapt to the environmental _____ at the same rate as the Earth is heating up.
5	Many cities and towns close to the ocean or bodies of water may be at risk in future _____ should sea levels continue to rise.
6	Climate change is very likely to continue to escalate through this century and _____ unless harmful emissions are brought under control quickly.
7	Temperatures will continue to rise, although it may not be easily noticeable from to year to year as human generated warmth is superimposed onto a _____ varying climate
8	Governments around the world are pledging to reduce their _____ by 2020 to slow down the effects of climate change.

CLIMATE CHANGE

FIND AND COPY

Requires pupils to locate information by skimming and scanning. Then locating words based on meanings or suggested synonyms.

Find and copy the words for the suggested meaning.

1	Look at the first paragraph. Find and copy a word that means the same as produced.
2	Look at 'Climate Warming.' Find and copy the word that is closest in meaning to implications.
3	Look at 'Climate Warming.' Find and copy a word that suggests very hot temperatures.
4	Look at 'Effects.' Find and copy a word that means the same as water shortages.
5	Look at 'What Can Be Done.' Find and copy a word that means the same as promised.

CLIMATE CHANGE

SEQUENCING

Sequencing requires pupils to put events/information in chronological or other specific order.

FIRST



LAST

Draw a line to identify the order in which these events occur.

1st	Sweltering summers in the UK.
2nd	The year Governments have pledged to reduce emissions by.
3rd	The Arctic will become ice free.
4th	The Pleistocene Epoch ended.
5th	Sea levels increased by 20 cm.

CLIMATE CHANGE



Ninja Tip:

Find these facts in the text! Then put numbers next to them in the order that they happen!

MULTIPLE CHOICE

Multiple choice requires pupils to choose from a range of options. They must refer back to the text to find the key information.

1. Scientists are 95% sure that climate change is due to: (Circle one answer)

extreme weather

plant growth

renewable energy

human activity

2. These have doubled since the previous century: (Circle the answer)

harmful emissions

heat waves

sea levels

average temperatures

3. It may take longer to:
(Circle one answer)

reduce emissions

grow crops

change habits

become ice free

4. Cities and countries are investing in:
(Circle the answer)

fossil fuels

electrical devices

renewable energy

smaller families

5. Worldwide, there may be more :
(Circle the answer)

crops

glaciers

ice

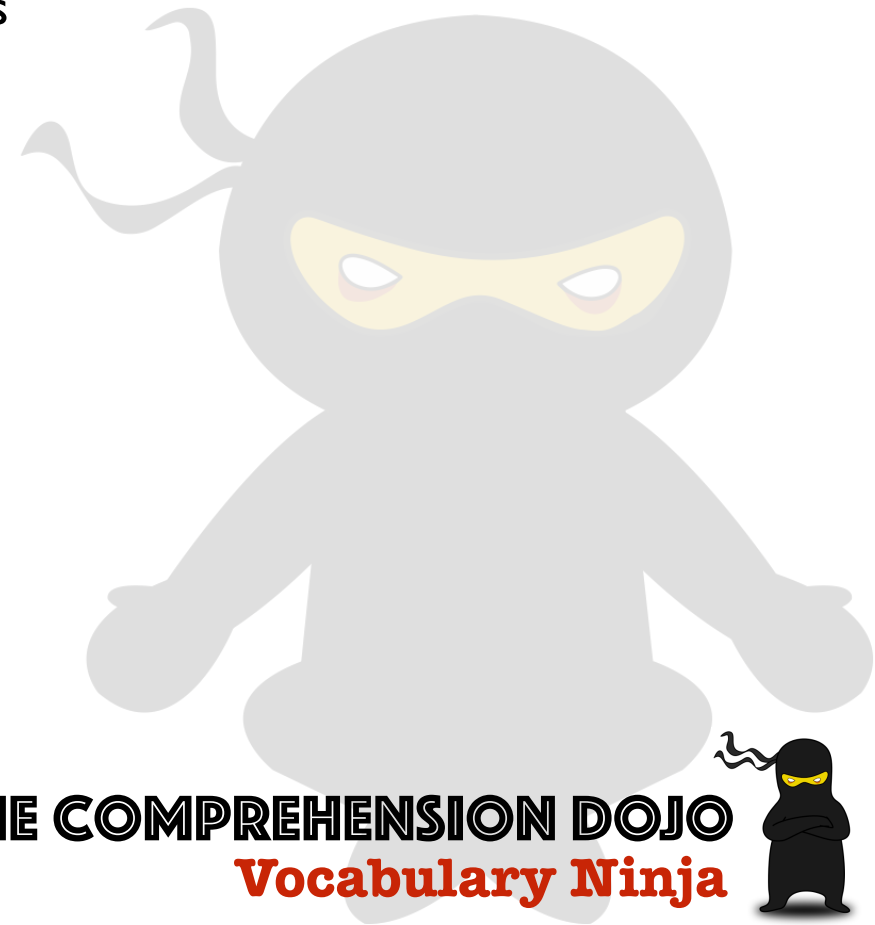
droughts

CLIMATE CHANGE

SEPARATE SHEETS

The following pages are organised so that you can print the text and specific skill sheets separately.

Please only print pages 11 to 16.



SCORE CENTRE

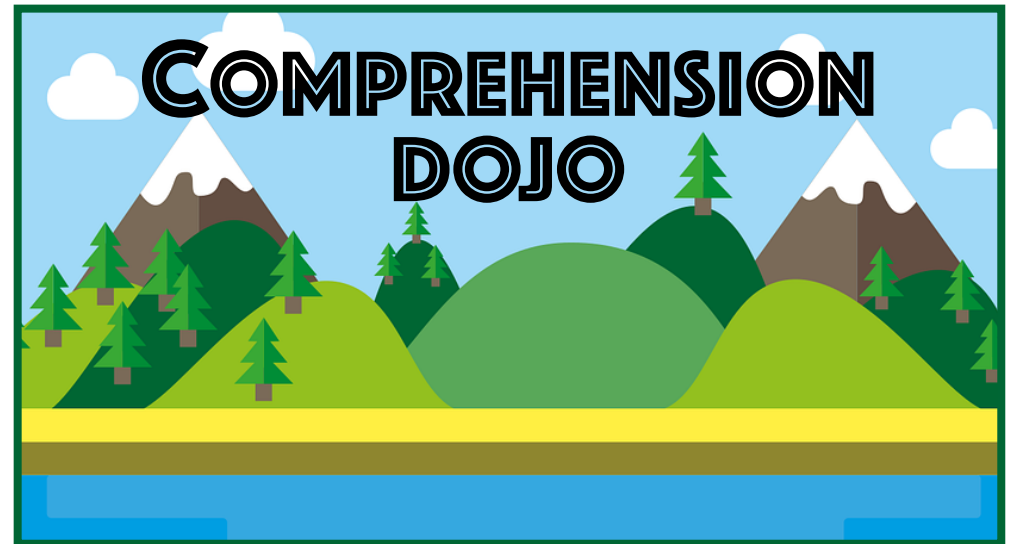
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Find and Copy	/ 5		
Sequencing	/ 5	Date:	
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GRASSHOPPER	SHINOBI	WARRIOR	SAMURAI	ASSASSIN	GRAND-MASTER
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Climate Warming.

The planet's average temperature has risen approximately 1 degree Celsius over one hundred years. Most of this global warming has occurred in the last 40 years. Summers seem to be becoming warmer and given the sweltering temperatures in the UK in the summers of 2016 and 2018, these heatwaves seem to be becoming increasingly normal. The number of extreme weather events such as storms, blizzards and heat waves have increased. Accordingly, the number of record high temperatures have increased and the number of record low temperatures have decreased. Climate warming may have disastrous ramifications for life on Earth. Plants and animals may not be able to adapt to the environmental changes at the same rate as the Earth is heating up.

Sea Levels.

During the 20th century, sea levels rose around the world by about 20cm. This is double that of the previous century. The size and thickness of the arctic sea ice has decreased in the last few decades. Many cities and towns close to the ocean or bodies of water may be at risk in future generations should sea levels continue to rise.

Effects.

Climate change is very likely to continue to escalate through this century and beyond unless harmful emissions are brought under control quickly. Temperatures will continue to rise, although it may not be easily noticeable from year to year as human generated warmth is superimposed onto a naturally varying climate. It is likely that any global warming will be gradual and subtle. Plant growth may change with warmer temperatures; it may take longer to grow more crops. Worldwide, there may be more droughts or heatwaves with extreme weather becoming increasingly common. The Arctic is likely to become ice free in summer by 2050. This will have significant implications for animals such as polar bears that depend on glaciers and ice caps to use as shelves from which to dive into the ocean to hunt for prey.

What Can Be Done?

Governments around the world are pledging to reduce their emissions by 2020 to slow down the effects of climate change. Cities and countries across the world are investing in renewable energy rather than burning fossil fuels, some of these include wind turbines and marine energy. There are 7 billion people in the world, a number which is rapidly increasing, and that means an enormous amount of energy is needed to sustain them. It may take 7 billion people to change their habits and mind sets to halt the effects climate change has on our planet. Many people now make informed choices for a better future, including moving closer to work or school to reduce the emissions from transport; doing more with less such as turning off electrical devices not in use and having smaller families.

CLIMATE CHANGE

TRUE OR FALSE

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**Decide if the statement is True or False.
Put a tick in the correct box.**

STATEMENT	TRUE	FALSE
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The number of extreme weather events have decreased.		
Climate change helps polar bears find their prey.		
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Cities are investing in renewable energy.		

CLIMATE CHANGE

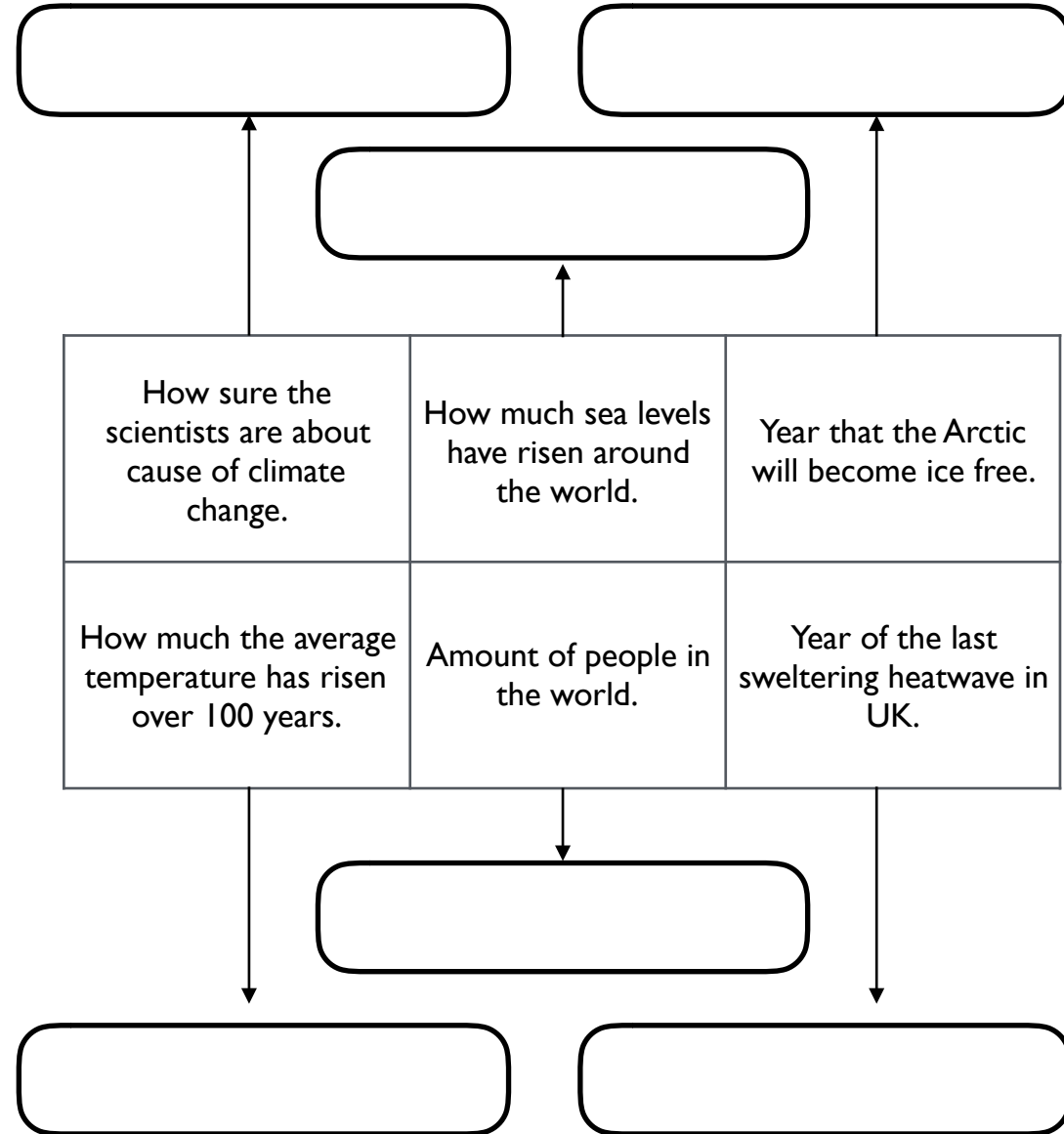


Ninja Tip:
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LABEL

Labelling often focuses on organisational features and requires a pupil to re-present the information.

Label the table below with the correct number.



CLIMATE CHANGE

MATCHING

Matching is an essential retrieval skill. Matching is where associated information is identified!

**Draw a line to the information that is linked in the text.
Remember to look back at the text to find the answer.**

Most warming occurred during	the last century
Sea levels rose in	the last 40 years
A heatwave in the UK	2018
Governments pledge to cut emissions by	this century and beyond
Climate change to escalate	2020

CLIMATE CHANGE



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UNDERLINE / HIGHLIGHT

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Underline (U) or Highlight (H) Questions.

1. U or H a word that means to increase.
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3. U or H a word that means to place something on top of something else.
4. U or H a word that means changing.
5. U or H a word that suggests that something will happen slowly.

CLIMATE CHANGE

FILL IN THE GAP

Requires completion of a sentence or phrase with words drawn from the text.

Retrieve the exact word from the text.

1	The Earth's climate has changed _____ its history through ice ages and periods of increased warming.
2	All of the _____ evidence suggests that the planet's climate is warming once again.
3	The planet's average temperature has risen _____ 1 degree Celsius over one hundred years.
4	Plants and animals may not be able to adapt to the environmental _____ at the same rate as the Earth is heating up.
5	Many cities and towns close to the ocean or bodies of water may be at risk in future _____ should sea levels continue to rise.
6	Climate change is very likely to continue to escalate through this century and _____ unless harmful emissions are brought under control quickly.
7	Temperatures will continue to rise, although it may not be easily noticeable from to year to year as human generated warmth is superimposed onto a _____ varying climate
8	Governments around the world are pledging to reduce their _____ by 2020 to slow down the effects of climate change.

CLIMATE CHANGE

FIND AND COPY

Requires pupils to locate information by skimming and scanning. Then locating words based on meanings or suggested synonyms.

Find and copy the words for the suggested meaning.

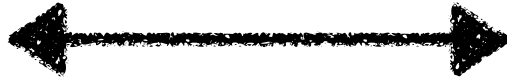
1	Look at the first paragraph. Find and copy a word that means the same as produced.
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3	Look at 'Climate Warming.' Find and copy a word that suggests very hot temperatures.
4	Look at 'Effects.' Find and copy a word that means the same as water shortages.
5	Look at 'What Can Be Done.' Find and copy a word that means the same as promised.

CLIMATE CHANGE

SEQUENCING

Sequencing requires pupils to put events/information in chronological or other specific order.

FIRST



LAST

Draw a line to identify the order in which these events occur.

1st	Sweltering summers in the UK.
2nd	The year Governments have pledged to reduce emissions by.
3rd	The Arctic will become ice free.
4th	The Pleistocene Epoch ended.
5th	Sea levels increased by 20 cm.

CLIMATE CHANGE



Ninja Tip:

Find these facts in the text! Then put numbers next to them in the order that they happen!

MULTIPLE CHOICE

Multiple choice requires pupils to choose from a range of options. They must refer back to the text to find the key information.

1. Scientists are 95% sure that climate change is due to: (Circle one answer)

extreme weather

plant growth

renewable energy

human activity

2. These have doubled since the previous century: (Circle the answer)

harmful emissions

heat waves

sea levels

average temperatures

3. It may take longer to:
(Circle one answer)

reduce emissions

grow crops

change habits

become ice free

4. Cities and countries are investing in:
(Circle the answer)

fossil fuels

electrical devices

renewable energy

smaller families

5. Worldwide, there may be more :
(Circle the answer)

crops

glaciers

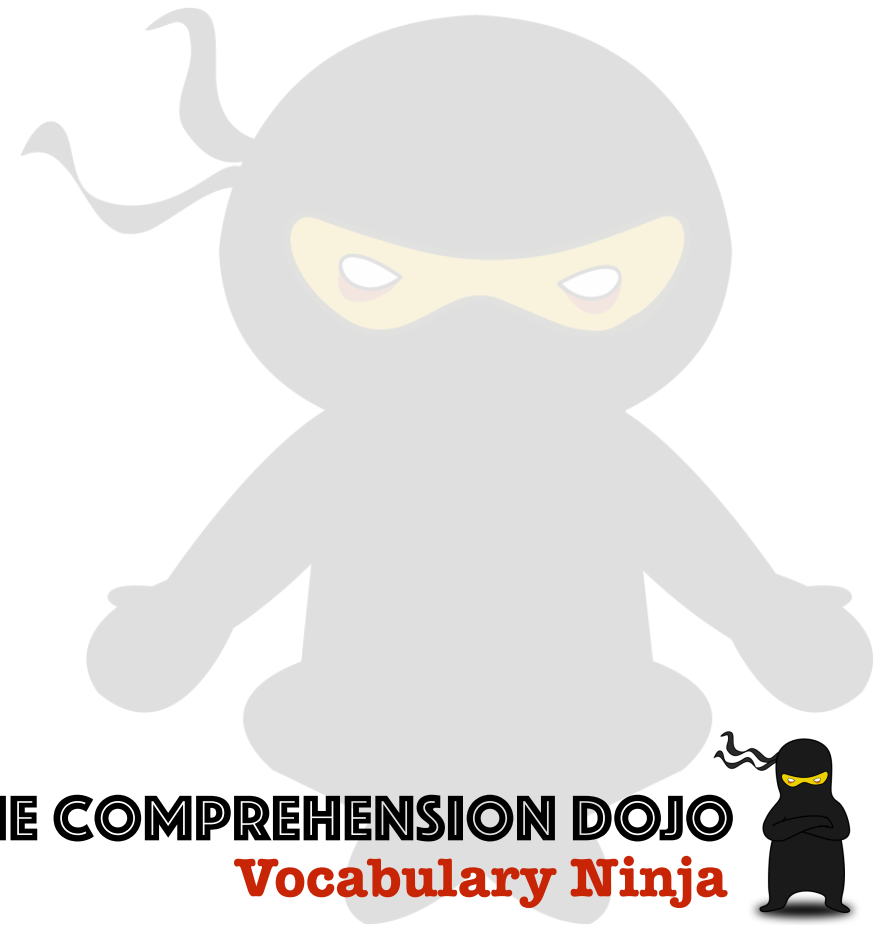
ice

droughts

CLIMATE CHANGE

ANSWERS

The following pages contain the answers for each of the comprehension question pages.



TRUE OR FALSE

True or false questions rely on a pupils ability to decide whether a statement is correct or not. To do this they need to be able to locate evidence accurately.

**Decide if the statement is True or False.
Put a tick in the correct box.**

STATEMENT	TRUE	FALSE
Climate change is likely to escalate this century	✓	
The number of extreme weather events have decreased.		✓
Climate change helps polar bears find their prey.		✓
The thickness of the Arctic ice has increased.		✓
Cities are investing in renewable energy.	✓	

CLIMATE CHANGE

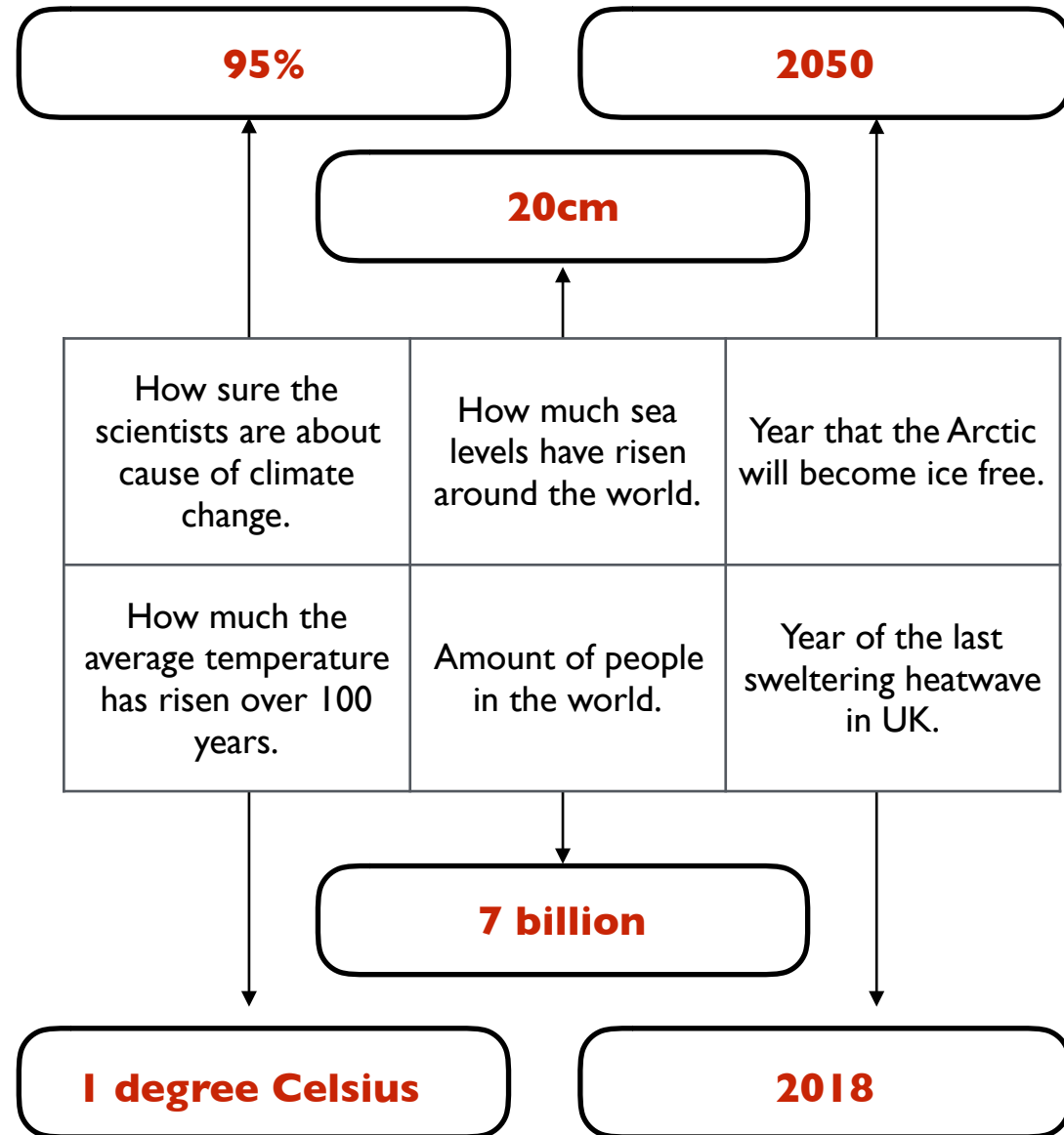


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LABEL

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Label the table below with the country.

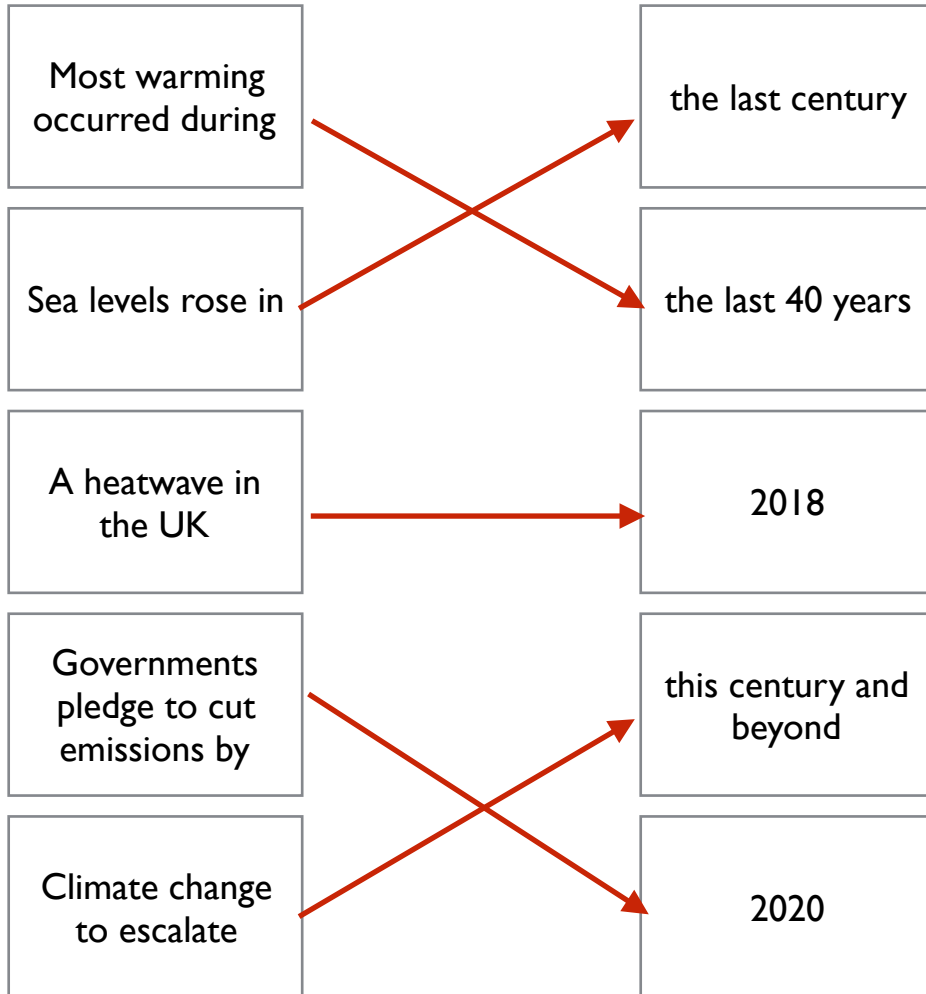


CLIMATE CHANGE

MATCHING

Matching is an essential retrieval skill. Matching is where associated information is identified!

Draw a line to the information that is linked in the text. Remember to look back at the text to find the answer.



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CLIMATE CHANGE

UNDERLINE / HIGHLIGHT

Underline/Highlight is usually a word or phrase and can be linked to a pupil's understanding of meaning.

Effects.

Climate change is very likely to continue to escalate through this century and beyond unless harmful emissions are brought under control quickly. Temperatures will continue to rise, although it may not be easily noticeable from year to year as human generated warmth is superimposed onto a naturally varying climate. It is likely that any global warming will be gradual and subtle. Plant growth may change with warmer temperatures; it may take longer to grow more crops. Worldwide, there may be more droughts or heatwaves with extreme weather becoming increasingly common. The arctic is likely to become ice free in summer by 2050. This will have significant implications for animals such as polar bears that depend on glaciers and ice caps to use as shelves from which to dive into the ocean to hunt for prey.

Underline (U) or Highlight (H) Questions.

1. U or H a word that means to increase. - escalate/rise
2. U or H a word means one hundred years. - century
3. U or H a word that means to place something on top of something else. - superimpose
4. U or H a word that means changing. - varying
5. U or H a word that suggests that something will happen slowly. - gradual

CLIMATE CHANGE

FILL IN THE GAP

Requires completion of a sentence or phrase with words drawn from the text.

Retrieve the exact word from the text.

1	The Earth's climate has changed throughout its history through ice ages and periods of increased warming.
2	All of the current evidence suggests that the planet's climate is warming once again.
3	The planet's average temperature has risen approximately 1 degree Celsius over one hundred years.
4	Plants and animals may not be able to adapt to the environmental changes at the same rate as the Earth is heating up.
5	Many cities and towns close to the ocean or bodies of water may be at risk in future generations should sea levels continue to rise.
6	Climate change is very likely to continue to escalate through this century and beyond unless harmful emissions are brought under control quickly.
7	Temperatures will continue to rise, although it may not be easily noticeable from to year to year as human generated warmth is superimposed onto a naturally varying climate.
8	Governments around the world are pledging to reduce their emissions by 2020 to slow down the effects of climate change.

CLIMATE CHANGE

FIND AND COPY

Requires pupils to locate information by skimming and scanning. Then locating words based on meanings or suggested synonyms.

Find and copy the words for the suggested meaning.

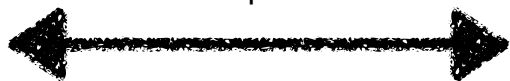
1	Look at the first paragraph. Find and copy a word that means the same as produced.
	generated
2	Look at 'Climate Warming.' Find and copy the word that is closest in meaning to implications.
	ramifications
3	Look at 'Climate Warming.' Find and copy a word that suggests very hot temperatures.
	sweltering
4	Look at Effects. Find and copy a word that means the same as water shortages.
	droughts
5	Look at 'What Can Be Done.' Find and copy a word that means the same as promised.
	pledged

CLIMATE CHANGE

SEQUENCING

Sequencing requires pupils to put events/information in chronological or other specific order.

FIRST



LAST

Draw a line to identify the order in which these events occur.

1st	Sweltering summers in the UK.
2nd	The year Governments have pledged to reduce emissions by.
3rd	The Arctic will become ice free.
4th	The Pleistocene Epoch ended.
5th	Sea levels increased by 20 cm.

(Note: Red lines connect 1st to 4th, 2nd to 5th, 3rd to 1st, 4th to 2nd, and 5th to 3rd.)

CLIMATE CHANGE



Ninja Tip:

Find these facts in the text! Then put numbers next to them in the order that they happen!

MULTIPLE CHOICE

Multiple choice requires pupils to choose from a range of options. They must refer back to the text to find the key information.

1. Scientists are 95% sure that climate change is due to: (Circle one answer)

extreme weather	plant growth	renewable energy	human activity
-----------------	--------------	------------------	----------------

2. These have doubled since the previous century: (Circle the answer)

harmful emissions	heat waves	sea levels	average temperatures
-------------------	------------	------------	----------------------

3. It may take longer to:

(Circle one answer)

reduce emissions	grow crops	change habits	become ice free
------------------	------------	---------------	-----------------

4. Cities and countries are investing in:

(Circle the answer)

fossil fuels	electrical devices	renewable energy	smaller families
--------------	--------------------	------------------	------------------

5. Worldwide, there may be more :

(Circle the answer)

crops	glaciers	ice	droughts
-------	----------	-----	----------

CLIMATE CHANGE