

Homework Tasks (Year 5):

- **GPS:** Please read 'Climate Change' on pg.2 of this file then answer – and mark – the 'Text' and 'Punctuation' questions on pg. 3 and 4. Answers can be found on pg.5. Please use these to help work out how to answer any questions you are unsure about. Your responses should be recorded in your Homework Jotter provided by school.
- **Maths:** Please complete – and mark – 'Round withing 100,000' on pg.6 of this file. Answers can be found on pg.7. Please use these to help work out how to answer any questions you are unsure about. Your responses should be recorded in your Homework Book provided by school.

***Please ensure your completed homework is handed in at school on
Wednesday 11th October.***

- **Spelling:** A spelling test on **Autumn 1 Week 4** list of words will take place next **Friday**. The list of words is available separately on the Woodpecker Class page of the school website. Please log onto Spelling Shed to support practice at home.
- **Multiplication Facts:** A test of a variety of multiplication facts will take place every **Thursday**. Please practise all facts up to 12 x 12.
- **Reading:** You are expected to do **at least 20 minutes** of independent reading at home, **every day**. *Please remember to log all new books read – both those at home and at school – in our class reading log as there are no home reading records in Woodpecker Class:*

Climate Change



You may have heard of climate change. It's a scary term. That's a good thing, because the impact of it is scary, too. The process is also called global warming, because the average temperature across the planet is rising. So, what does it mean?

Climate change is largely caused by the increase of carbon dioxide in the atmosphere. This gas is vital to life on Earth, because all plants need it to survive. However, when too much gets into the atmosphere, it prevents heat from escaping back into space. This causes the planet to heat up.

Let's look at some numbers. China, the United States and India account for 50% of all of the carbon emissions on Earth. In 2018, China produced 10 billion tons. The main problem is burning fossil fuels, such as coal, to create electricity.

Since the 1980s, the global temperature has risen by just over 1°C. That may not seem like a lot, but scientists estimate that if it rises by just 0.5°C more, it could be irreversible.

FOCUS ON - TEXT

1 Which verb form is underlined in the sentence below?

Tick one.

Since the 1980s, the global temperature has risen by just over 1°C.

- present
- past perfect
- present perfect
- past progressive

2 Tick the two sentences that contain a prepositional phrase.

- It's a scary term.
- The average temperature across the planet is rising.
- Too much carbon dioxide in the atmosphere prevents heat escaping back into space.
- The main problem is burning fossils fuels to create electricity.

3 Rewrite the underlined verbs in the simple past tense.

However, when too much gets into the atmosphere, it prevents heat from escaping back into space, this causes the planet to heat up.

4 Underline the adverb in the sentence below.

The process is also called global warming.



FOCUS ON - PUNCTUATION

1 Write the original two words for each contracted word.

without the contraction apostrophe	with the contraction apostrophe
	it's
	that's
	let's

2 Underline the parenthesis.

The main problem is burning fossil fuels, such as coal, to create electricity.

3 Insert a pair of brackets around the parenthesis in the sentence below.

Climate change is largely caused by the increase of carbon dioxide a gas vital to life in the atmosphere.

4 Insert an apostrophe into the sentence below.

50% of Earths carbon emissions are produced by China, the United States and India.

CHALLENGE

5 Tick the sentence that is punctuated correctly.

- China, the United States and India account for 50% of all carbon emissions in Earth China alone — produced 10 billion tons in 2018!
- China, the United States and India account for 50% of all carbon emissions in Earth — China alone produced 10 billion tons in 2018!
- China, the United States and India — account for 50% of all carbon emissions in Earth China alone produced 10 billion tons in 2018!



Answers - Climate Change

TEXT

1. 3rd option – present perfect
2. 2nd option – The average temperature across the planet is rising.
- 3rd option – Too much carbon dioxide in the atmosphere prevents heat escaping back into space.
3. However, when too much got into the atmosphere, it prevented heat from escaping back into space, this caused the planet to heat up.
4. The process is also called global warming.

PUNCTUATION

1. it's = it is
that's = that is
let's = let us
2. The main problem is burning fossil fuels, such as coal, to create electricity.
3. Climate change is largely caused by the increase of carbon dioxide (a gas vital to life) in the atmosphere.
4. 50 % of Earth's carbon emissions are produced by China, the United States and India.

CHALLENGE QUESTION:

2nd option

China, the United States and India account for 50% of all carbon emissions in Earth — China alone produced 10 billion tons in 2018!

Round Within 100,000

4. Circle all the numbers that will round to 600 when rounded to the nearest 100.

652

649

Five hundred
and twenty-
three

551

Six hundred
and four

Seven
hundred and
one

678



VF
HW/Ext

5. Match the numbers in the middle to their rounded values.

← To the nearest 10

To the nearest 10,000 →

sixty-eight thousand
three hundred and fifty

52,564

60,000

79,020

seventy-nine thousand
and twenty-one

50,000

63,000

68,354

seventy thousand

52,560

sixty-three thousand
and one

80,000



VF
HW/Ext

6. True or false? All of these numbers will round to 32,000 when rounded to the nearest 1,000.

32,456

31,877

32,601

thirty-two
thousand
four hundred
and eighty

thirty-one
thousand,
nine hundred
and forty-two

Explain your answer.



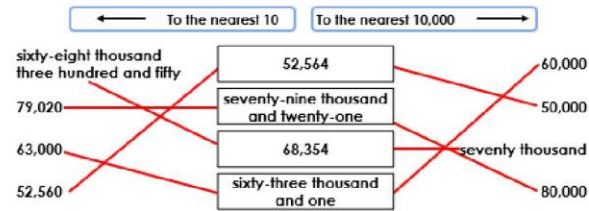
RFS
HW/Ext

Homework/Extension
Round Within 100,000

Expected

4. **649; 551; six hundred and four**

5.



6. **False because 32,601 rounds to 33,000 when rounded to the nearest 1,000.**