



Geography

Year 8 Home Learning Booklet



Population Growth
How will it affect our planet? How might it affect us?

Name _____

Tutor Group _____

Teacher _____

Given out Monday 2 March Hand in Monday 9 March

Parent/Carer Comment

Staff Comment

Target

Introduction – please read me!

Welcome to your Home Learning Booklet for **Geography**. This booklet is focused on population. There are 6 tasks for you to try your best to complete.



Each exercise is labelled as:

Must: All students **must try** to complete.



Should: All students **should** attempt.



Could: Students **could** try to complete.

Students must complete the self-evaluation boxes at the end of the booklet.



Task 1 (20 minutes)

The world's population from 1800 to 2020

Year	World population in billions
1800	1
1930	2
1960	3
1974	4
1987	5
1999	6
2011	7
2020	7.7

What problems are caused by population growth?

Look carefully at the chart above.

Surely population growth is a good thing? It means more friends?

Imagine the number of students in our school doubled by next Monday. What problems would that cause us? (Try to think about class sizes, the canteen, the litter & waste, water, electricity etc.).

Make a list below of the problems such a huge increase in our **school POPULATION** would cause:

	Problems caused by overpopulation (too many people in our school)
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

Task 2 (30 minutes - one hour)

Now read these statements about population.

Try to revise and memorize them off by heart for a quiz/test you will have when you are in class. **The more you remember for our quiz in class then the more HOUSE POINTS you will gain.**

1. The number of people (population) on Earth is growing fast (7.7 billion in 2020!)
2. By the year 2050, the world population will be over 9 billion.
3. In 1830 the population of our world was estimated as 1 billion.
4. By 1930 the population of the world had grown to 2 billion.
5. By 1990 the world's population was 5 billion!
6. Some places on Earth are very crowded.
7. The more people there are, the more resources we use - water, food etc.
8. Too many people in the world could mean we become too competitive for resources - it could lead to conflict.
9. The world's population is increasing in the places that can least afford it.
10. Many people say there is a connection between population growth and human suffering.
11. The environment is being severely damaged by the impact of rapidly growing populations and over-use of the Earth's natural resources.
12. Every second 5 people are born and 2 people die, a net gain of 3 people.

Helpful hints? In the quiz you might be asked questions like - what is the population now? OR How many people are born every second? OR What was the world's population in 1990? So try to test and quiz yourself by turning the 15 statements into questions.



Task 3

Design and decorate an ACROSTIC poem for overpopulation. Acrostic means you use words or lines beginning with the letters in the word - here's an example...

Hard work
Over 4 hours to do it
Make sure you do it well
Enjoy learning
Work carefully
On Monday you hand it in
Remember to try your best
Keep focused

What do the letters on the left spell?

On the next page I have drawn the word **OVERPOPULATION**.

Use any information in this booklet to make up an **Acrostic** poem with words which are to do with overpopulation - e.g. O = Over 9 billion people on Earth by 2050.

When you have finished this add some pictures which show the problems of overpopulation and colour it neatly - e.g. not enough food for everyone.

It took me a while to think of the one above so take your time to think and do it well.

OVER

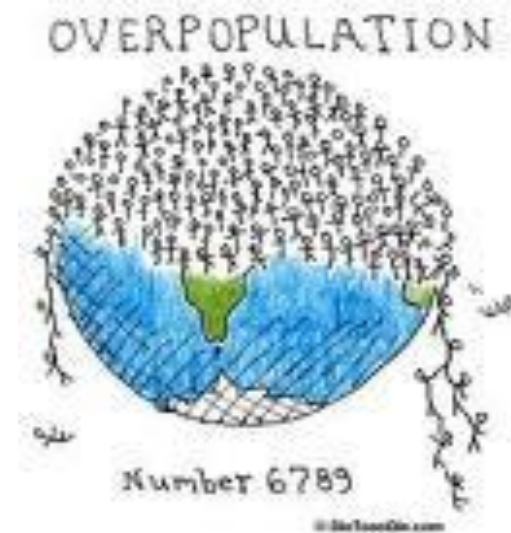
POPULATION

Task 4

Here are some pictures for you to look at to see the problems of overpopulation. Look carefully at the pictures.

Then decide an order for the 5 problems I have summarized at the end.

Decide which is the most important/worst problem with overpopulation and put it at 1, then 2nd worst and so on. Think before you do this.



How does the population rise so fast?

As you can see above, the number of humans on the Earth is rising fast. This is the story of one family ...

1750



Bo and Ella fell in love. They got married and had 4 children.

1780



All 4 of these had children of their own. **18** altogether.

1820



16 of the 18 in turn had children of their own – **76** altogether.

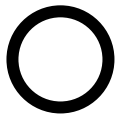
So Bo and Ella's family just kept on growing.
It has been like this all over the world, for centuries.
So it's easy to see how the population has risen so fast.

Here are the 5 problems with the overpopulation of our world...

- Not enough food for everyone.
- Causes more conflict/war.
- Not enough water.
- Too much poverty.
- Damages our environment.

Now put them in order of which you think are the most to least important and try to explain why...

order	problem	reason why
1.		
2.		
3.		
4.		
5.		



Task 5

- Use everything from this booklet for this task.
- This is **THE MOST** important task of your booklet.
- You should spend 1 hour preparing and writing this task.
- Think carefully before you write.

Write a letter to the *Secretary-General* of The United Nations explaining the problems which overpopulation could cause our world.

You could do some extra research of your own for this but you should use everything from this booklet at least.



Hello Whitstone students,

My name is **Antonio Guterres** and I am the **Secretary-General of The United Nations**. The United Nations is an international organization founded in 1945 after the Second World War by 51 countries committed to peace and security, developing friendly relations among nations and promoting progress, better living standards and human rights. There are 193 countries in the UN today. These countries meet, discuss and try to agree on how to deal with conflict and problems in our world such as overpopulation.

I am very worried about our world becoming overpopulated. Please write me a letter to explain the problems which overpopulation of our world could cause.

Please try to explain clearly and in detail so that I can pass on the information to other countries and their people to warn them of this problem.



UNITED NATIONS

You can use this writing frame to help you BUT you MUST either write it out on the next page or type your letter up and attach it for handing in.

Dear Antonio Guterres (Secretary-General of the UN),

I am writing to explain to you the problem of overpopulation in our world. The population now is _____ and by 2050 it will probably be _____. Most of the people will be from _____ countries such as _____.

Our world already has problems because our population is too high. These problems are

_____.

If the world's population continues to grow, then the biggest problem of _____ will get worse.

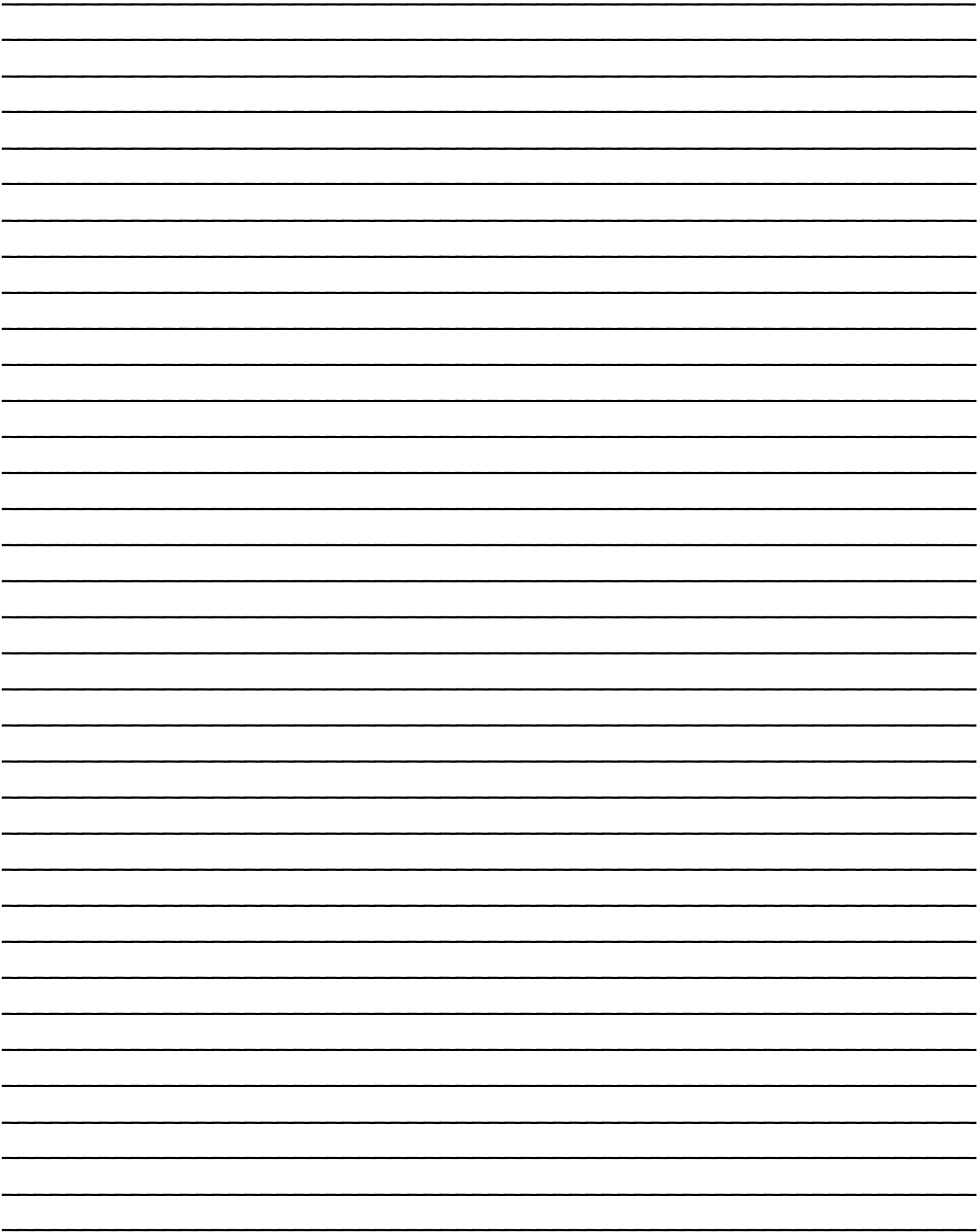
Another problem is _____.

One other example of the problems caused by overpopulation is _____.

Overpopulation will also cause...

(When you have written in enough detail and mentioned all of the problems, you should then write a conclusion about the problem - maybe say which problems you think are the worst, or even give some advice on what the UN could do to help countries with this problem.)

Overall I think



Well done for completing your Home Learning Booklet for Geography.