

Adeyfield School: Foundation Subjects

Year 9 Geography: Key Stage 3

LOWER LEVEL: Levels N - 3

Week commencing: 23rd January, 2012

Due in: w/c 6th February, 2012

Extended Learning Project:

WORLD ISSUES: POLLUTION



Name: _____

Form: _____

You should keep this booklet safe in your homework project folder.

You should attempt all the tasks. This work represents about 10 to 15 hours of study over a period of three weeks.

The work can be word processed or hand written. You can cut out some of the tasks, such as diagrams and charts, in order to include them in your project work. Remember to ask your Geography teacher if there is anything that you don't understand.

Your work should be handed to your GEOGRAPHY teacher after 3 weeks

WORLD ISSUES

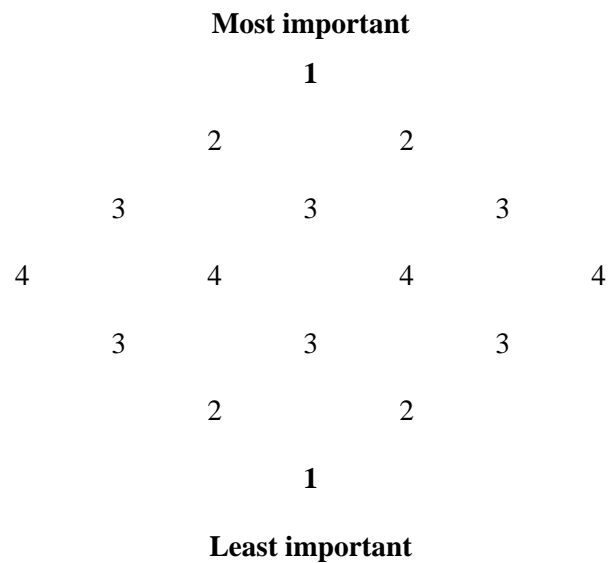
Section 1

What are world issues?

World issues affect the lives of people across the world and may only be solved by international cooperation.

Thinning of the ozone layer.	Rainforest destruction.	Global warming.	Malnutrition.
Water supply.	Crop failure and famine.	Loss of habitats.	Soil erosion.
Waste management.	Energy for the future.	Loss of endangered species.	Disease.
Inner-city decay.	Pollution.	Rapid population growth.	Third World debt.

- 1) Read and cut out the statements above. Sort the cards into an order of importance using the diamond arrangement opposite
- 2) Explain your choices for the **most** important and the **least** important issue
- 3) Design a poster about the issue that you think is the most important

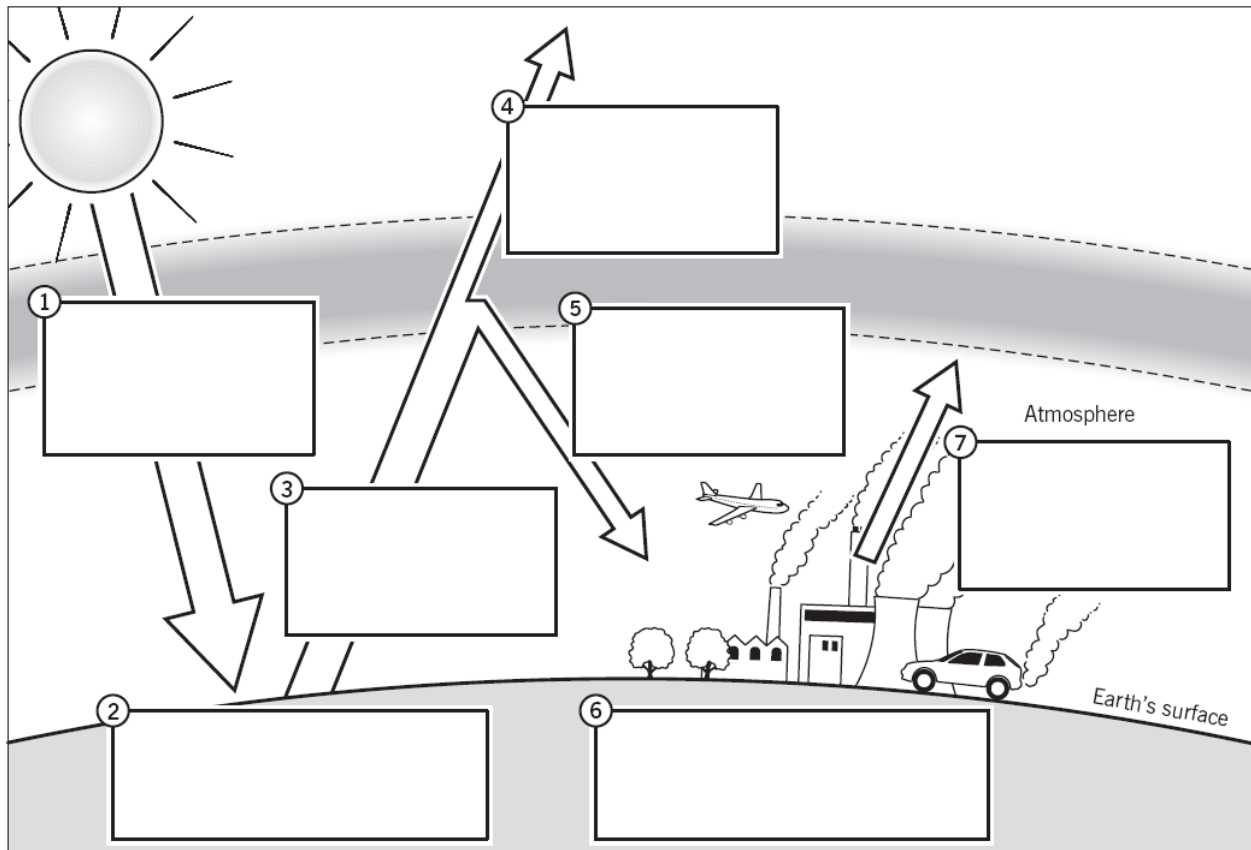


Section 2

What is Global Warming?

Most scientists believe that the burning of fossil fuels has caused an increase in the world's average temperature. This is called **Global Warming**.

Task 4: Complete the boxes on the diagram using the 7 labels below



Some heat escapes into space.

Heat is reflected from the earth back into the atmosphere.

The sun warms the earth's surface during the day.

The sun's rays pass through the atmosphere to the earth's surface.

So the atmosphere gets warmed up.

Thermal power stations burn fossil fuels and removing forests increases the level of carbon dioxide.

The earth loses heat at night. Carbon dioxide and other gases in the atmosphere trap some heat.

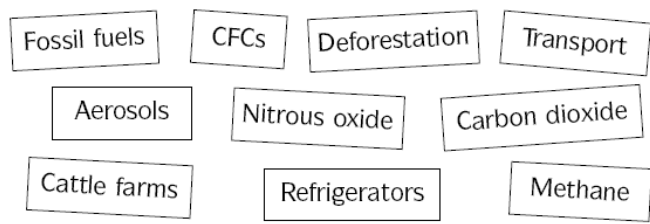
The diagram above shows how many scientists believe that global warming is caused.

What other causes can you find?

Section 3

Are you to blame?

Use the storyboard below to produce a cartoon strip highlighting how the general public are contributing to global warming. Each cartoon needs to be accompanied by a written explanation of how each action is increasing global warming.



Text

Cartoon

Choose 3 of the items from the cartoon strip above.

EITHER:

WRITE a poem about the damage that these actions are doing to our planet and how we can stop it.

OR Explain what can be done to stop the damage

Extended Learning Project: Assessment

Pupil Self-Assessment:

What did you enjoy the most and why? _____

What do you think you have learnt? _____

What did you find difficult and why? _____

(The section below will be completed by your teacher)

Teacher Assessment:

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Your Target:

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