

**Adeyfield School: Foundation Subjects**

# **Yr 7: Geography**

## **Extended Learning Project:**

**LOWER LEVEL: Levels N - 3**

**DUE IN week beginning 31<sup>st</sup> January 2012**

### **THE ENVIRONMENT**



**Name:** \_\_\_\_\_

**Form:** \_\_\_\_\_

**Background:**

**This project is about how people can spoil the environment.**

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

**You should do all the work in the booklet or on paper. It can be word processed or hand written. Most of the tasks can be done in the booklet.**

**Remember to ask your geography teacher if there is anything you don't understand.**

# The Environment: Our Planet at Risk?

## TASK 1: What is an pollution problem?

Below are some newspaper headlines on pollution.

Some are good stories, some are bad.

Shade 3 'bad news' headlines in RED, and 3 'good news' in GREEN



## TASK 2: What resources do we use everyday?

Make a list of all the different **resources** that you use in a typical day. Start from when you get up to when you go to bed.

We use **water** to wash your ..... and brush your .....

We use **cotton** and **wool** worn as clothes to stay warm.

We use **electricity** to make you toast and/or hot drink.

We put **petrol or diesel** in our ..... so that we can .....

We use **paper** at school to .....

We eat **food** at mealtimes to .....

**TASK 3: How do we use resources?**

**Complete the sentences on how we make electricity by using the missing words**

**Missing words: lights generator burnt cables fuels steam**

Electricity is made in a power station that usually uses fossil .....

The fuel is ..... to produce heat. This heat is used to make .....

This drives a turbine which in turn works a .....

The electricity that is produced is sent around the country by the .....

It reaches our home / school and we can use it to work the .....

**TASK 4: How does the environment get polluted?**

**Read the poem.** It is a conversation between a little girl and her mother.

**‘Mummy, Oh Mummy’**

‘Mummy, Oh Mummy, what’s this pollution  
That everyone’s talking about?’  
‘Pollution’s the mess that the country is in,  
That we’d all be far better without.  
It’s factories belching their fumes in the air,  
And the beaches all covered with tar,  
Now throw all those sweet papers into the bushes  
Before we get back into the car.’

‘Mummy, Oh Mummy, who makes this pollution,  
and why don’t they stop if it’s bad?’  
‘Cos people like that just don’t think about others,  
they don’t think at all, I might add.  
They spray all the crops and they poison the  
flowers,  
And wipe out the birds and the bees,  
Now there’s a good place we could dump that old  
mattress  
Right out of sight in the trees.’

‘Mummy, Oh Mummy, what’s going to happen  
If all the pollution goes on?’  
‘Well the world will end up like a second-hand  
junkyard,  
With all of its treasures quite gone.  
The fields will be littered with plastics and tins,  
The streams will be covered with foam,  
Now throw those two pop bottles over the hedge,  
Save us from carting them home.’

‘But Mummy, Oh Mummy, if I throw the bottles,  
Won’t that be polluting the wood?’  
‘Nonsense! That isn’t the same thing at all,  
You just shut up and be good.  
If you’re going to start getting silly ideas  
I’m taking you home right away,  
’Cos pollution is something that other folk do,  
We’re just enjoying our day.’

*Anon*

a. Write a sentence on what this poem is about

.....  
.....

b. Make a list of the different types of pollution in the poem. E.g. Factory fumes

.....  
.....

c. What should the Mum be teaching her daughter?

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**TASK 5: What are the different types of energy resources?**

Energy resources can be divided into two types: **NON-RENEWABLE** and **RENEWABLE**.

1. Use a dictionary to write definitions for both of these types of energy.
2. Draw a table like the one below and put the following energy resources under the correct heading in the table below:

Hydro-electric      Tidal energy      Oil      Solar energy      Coal  
Geothermal      Wood      Nuclear      Wind power      Wave energy

Non- renewable	Renewable
.....	.....
.....	.....
.....	.....
.....	.....
.....	.....
.....	.....
.....	.....

**TASK 6: OIL and the ENVIRONMENT**

Oil is a **non-renewable resource** that is produced by drilling underground or under the sea bed.

**Use Google to research an oil tanker disaster**, where a ship carrying a large amount of oil spilled its cargo.

**Produce a poster** of about on the effects that the disaster had on wildlife and the environment. Include information on what was done to clean up the oil spillage.



# Extended Learning Project: Assessment

## Pupil Self-Assessment:

What did you enjoy the most and why? \_\_\_\_\_

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What do you think you have learnt? \_\_\_\_\_

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What did you find difficult and why? \_\_\_\_\_

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## Teacher Assessment:

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## Your Target:

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