<u>Year 9</u>

Name:

Teacher:

**Title: Climate Change Effects** 

Task 1:

Colour code the impacts into environmental, economic and social.

Environmental = the outside world including plants and animals

Economic= money and jobs

Social= people

Changes to fishing industries if fish species move to different waters

Damage to cities such as London from flooding would be extremely disruptive and expensive

Water prices could increase due to more frequent droughts, hosepipe bans could become more common

Cost of protecting places from flooding will be expensive and in some cases not practical

Governments may need to introduce new policies and taxes to combat the effects of climate change

Sea level rise as the polar ice caps continue to melt, this will lead to the loss of coastal land and increased erosion

More severe storms and longer summer droughts

Ecosystem change could mean some plant and animal species move into new areas and new (invasive) species emerge

Hotter summers could mean people spend more holidays here and not go overseas

Warmer temperatures could encourage diseases such as malaria

Warmer weather may mean farmers can grow different crops and enjoy longer growing seasons

Increasing fuel prices will mean that more people are at risk of falling into "fuel poverty"

Governments may need to invest more money in flood defences and renewable energies

Less people may die of cold related deaths due to increasing temperatures

Elderly people are more vulnerable to extreme heat, this could place a greater strain on the NHS

An increase in the number of heat-waves could lead to more events such as the 2011 riots

Task 2: Explain which is the biggest impact and why?