



What is happening to our world?

- Our world is slowly being destroyed by humans
- Pollution is on the rise
- Some places are over-populated
- Factories give off harmful chemicals including carbon dioxide
- Areas are being bulldozed and covered by plastic greenhouses to save water, deep in the ground
- Deforestation is occurring where trees are being burnt in rainforests or cleared for cattle, soya beans, timber or to make roads



What is ocean pollution and how is it affecting our world?

- Ocean pollution is a mixture of: toxic metals, plastics, chemicals, petroleum, pesticides, fertilisers, agricultural run-off, sewage and much more.
- These substances, used and spread by humans, enter the ocean and cause harmful effects in these environments.

What is deforestation and how is it affecting our world?

- Deforestation is when humans cut down or burn down large areas of forests to make space for farmland, plantations, or to use the trees as fuel.
- Trees take in carbon dioxide and gives off oxygen which is needed by humans to live.

What are droughts and how are they affecting our world?

- Droughts happen when there is not enough rain for a long period of time.
- It's not like a dry spell - there is so little precipitation (rain, snow, sleet or any kind of moisture) that a whole region starts to dry out .
- This impacts on water resources and agriculture production, cause soil erosion, reduce carbon sequestration and overall contribute to land degradation.

What are forest fires and how are they affecting our world?

- A forest fire is a type of wildfire. Other types of wildfires are grass fires and hill fires.
- Forest fires are very big, out of control fires that take place in forests. They are most common in summer.
- As with most fires, wildfires have the potential to pollute the air, water and land. Wildfires may also contribute to climate change by releasing carbon stored in vegetation and peat soils.

What is air pollution and how is it affecting our world?

- Air pollution refers to the presence of dangerous or poisonous substances and chemicals in the air that we breathe.
- These substances can have harmful effects

Applying Past Knowledge: This learning links with the lessons you had in Autumn Term, learning about the Amazon Rainforest. This also links to last year's learning when you learnt about sustainable farming and ways to save the planet.



What can we do? What does the future hold?

PROTECTING OUR PLANET STARTS WITH YOU

<p>BIKE MORE DRIVE LESS</p> 	 <p>reduce REUSE recycle</p> <p>Cut down on what you throw away. Follow the three "R's" to conserve natural resources and landfill space.</p>	<p>choose sustainable</p>  <p>seafood</p> <p>Learn how to make smart seafood choices at www.FishWatch.gov.</p>	<p>Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.</p>  <p>PLANT A TREE</p>
 <p>EDUCATE</p> <p>When you further your own education, you can help others understand the importance and value of our natural resources.</p>	<p>CONSERVE WATER</p>  <p>The less water you use, the less runoff and wastewater that eventually end up in the ocean.</p>	 <p>-SHOP- WISELY</p> <p>Buy less plastic and bring a reusable shopping bag.</p>	 <p>Don't send chemicals into our waterways.</p> <p>Choose nontoxic chemicals in the home and office.</p>
 <p>Volunteer!</p> <p>Volunteer for cleanups in your community. You can get involved in protecting your watershed too!</p>	<p>CONSERVE WATER</p>	 <p>Long-lasting light bulbs - ARE A - BRIGHT IDEA</p> <p>Energy efficient light bulbs reduce greenhouse gas emissions. Also flip the light switch off when you leave the room!</p>	

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