**Green House Menace**

**Menu Text-**

Tundra

Ocean

British Country Side

Rain Forest

**Rain Forest | Mobile Phone Comic Strip | Production Green House Gas Chain-**

**1.** Mining takes place in the forest which releases carbon as oil drilling rigs and mines are constructed, installed and run to extract raw materials which are mainly native to rainforests.

**2.** The raw materials are then transported to factories in China, Taiwan, Japan or Korea releasing carbon in the process.

**3.** In theses factory's raw materials are made into usable phone parts, releasing carbon as electricity is generated in the process.

**4.** The mobile phones are then packaged releasing more carbon.

**5.** During transportation of the phones to the phone shop further carbon is released.

**6.** In the Phone shop electricity powers lights, computers, heating, water and many more resources produce excess amounts of carbon.

**7.** Carbon is also released as customers travel to the phone shop.

**8.** Once the phone is purchased and plugged in to charge additional carbon is excelled.

**9.**More carbon is released as more resources are mined if the phone is not recycled creating a cycle.

**Rainforest Comic Strip | Images | Shows 3 things that could be done -**

what can be done:

Recycle old Mobile Phones

Take Better care of the Phone

Reconsider upgrading if the phone works ok

**British Countryside |Beef Comic strip |Production Greenhouse Gas Chain-**

**1.** trees and plants are cut down to make space for cows and to grow their feed thus releasing Greenhouse Gases.

**2.** Carbon is also releasedfrompesticides that are put on cow feed to stop them being damaged by pests. Even the production of pesticides produces greenhouse gases.

**3.** Carbon and nitrous oxide are released fromfertilisers that are used to help cow feed grow.

**4.** when electricity pumps water from rivers/reservoirs/streams etc. to provide drink for the cows and to water their feed in the fields more carbon is released.

**5.** Carbon is also released when farm vehicles and machinery are used on the farm and fields.

**6.** Methane is also released when grazingcows pass wind**.**

**7.** During transportation of livestock to slay, carbon is released when.

**8** Electricity powers such as fridges, lights, computers, water and m more resources found in a slaughter house release carbon.

**9.** From the production of the materials used to package the beef carbon is released.

**10.** When beef is transported to the shops and restaurants carbon is released. Sometimes it is flown over from a different country!

**11.** Carbon is released as electricity powers fridges, lights, computers, heating, water and many more resources in the shops and restaurants.

**12.** Additionalcarbon released as customers travel to the shops and restaurants.

**13.** Methane is released as beef and packaging decomposes in landfill.

**Countryside Comic Strip | Images | Shows 3 things that could be done -**

What can be done:

eat less beef (skip eating beef for one day a week)

throw beef and any other food if possible in a special waste bin

When ordering food pick an alternative meat instead of beef (or a vegetarian option)

**Ocean | Plastic Bottle comic strip |production Green House gas chain-**

**1.** As drilling rigs are constructed, installed and run carbon is released.

**2.** Carbon is also further released as oil is transported via pipes/ships to treatment plants.

**3.** Electricity is then required to clean the oil releasing more carbon.

**4.** As oil is transported via pipes/ships/rail/tankers to manufacturers additonal Carbon is released.

**5.** Further carbon is released when electricity is generated to form the oil into plastic bottles and lids.

**6**. The empty bottles are then transported to a bottling plant generating more carbon.

**7.** machinery then fills the empty bottles with drink releasing more carbon!

**8.** Carbon is also released during packaging.

**9.** After Packaging more carbon is released as plastic bottles are transported to shops and restaurants.

**10.** Electrical powers like fridges, lights, computers, heating, water and many more resources in the shops and restaurants cause more carbons to be released.

**11.**MoreoverCarbon is released as customers travel to the shops and restaurants.

**12.** Methane is also released as plastic bottle decomposes in landfill.

**Ocean | Plastic Bottle comic strip |Images | Shows 3 things that could be done -**

what can be done:

Reuse a bottle instead of buying a new one

Recycle Plastic Bottles

Ask for tap water when eating out

**Tundra |Arctic | Electronics left on standby comic strip | production Greenhouse Gas Chain-**

**1.** Natural gas drilling rigs are constructed, installed and run in the Tundra, which releases carbon.

**2.** natural gas is then transported via pipes/ships/tankers to treatment plants releasing more carbon.

**3.** Carbon is also released as electricity is required to clean and dry the natural gas.

**4.** Natural gas is usually odorised so people can smell it and be alerted to a gas leak, though this causes the release of carbon.

**5.** As natural gas is transported via pipes/ships/tankers to power stations in the UK further carbon is excelled.

**6.** The natural gas is then burned in power stations to drive turbines, which then produces electricity but also releases carbon in the process.

**7.** Additionally carbon is released as electricity is needed for pylons/power lines to carry electricity.

**8.** 15kg of carbon waster per year by leaving TV on standby.

**Tundra | Arctic | Electronics left on standby comic strip |Images | Shows 3 things that could be done -**

what can be done:

Switch off electronics of standby when not in use

Switch of lights when not in use

Unplug Mobile phone charger from wall

**Pledges by Habitat:**

**Text (on pledges screen)**

**1.** Write School name

**Countryside**

1. I will try to skip eating beef (and better yet, meat!) for one day a week (you could follow @meatfreemonday).
2. If I have access to a special food waste bin, I will throw beef (and any other food waste) in it.
3. When ordering food, I will pick an alternative meat (or better yet, a vegetarian option) instead of beef .

**Ocean**

1. I will use a reusable bottle instead of buying single use plastic bottles.
2. I will recycle any plastic bottles I use.
3. If I want water when eating out, I will ask for tap water instead of getting it in a plastic bottle.

**Arctic Tundra**

1. I will switch electronics off of standby when I am not using them.
2. I will switch light switches off when I am not using them .
3. I will unplug my mobile phone charger from the wall.

**Rainforest**

1. I will reconsider upgrading my phone every year/two years if it still works okay.
2. I will take care of my phone to make it last as long as possible.
3. I will recycle my phone instead of throwing it in landfill.

**Interesting Fact (One per Habitat) | Shown in game screen once button is pressed on bottom of the screen**

**British Countryside**

**1.**Nitrous oxide is 300 times more harmful to the environment than carbon.

**Ocean**

**1.** Methane is23 times more harmful to the environment than carbon.

**Rain Forest**

**1.** 80% of the carbon footprint of a phone happened before it’s turned on for the first time!

**Tundra**

**1.** 9-16% of the electricity consumed in homes is used to power appliances when they are in standby mode.