

Strands: Food, health and culinary skills, Responsible family living

Elements: Individual and family empowerment, Sustainable and responsible living

Title of task

Food Sustainability

Learning Outcomes

Students should be able to...

- 1.1** identify the factors that affect personal food choices
- 1.15** Investigate the impact of their food choices from an ecological and ethical perspective
- 2.7** identify how individuals, families and households can contribute to sustainable and responsible living

Learning Intentions

We are learning to/I can...

- Discuss the factors that affect food choices
- Identify issues that affect sustainability in food
- Research how my food choices affect the environment and others
- Design a creative and convincing campaign
- Present my work to others

Task

Design an effective campaign that creates an awareness of the environment/others and encourages responsible and sustainable food choices.

Success Criteria

- SC1** Design a creative and convincing campaign that encourages peers/others to consider the environment when making food choices
- SC2** Identify relevant / accurate sources of information
- SC3** Identify relevant facts / conclusions and the impact of food choices from sustainability perspective

Teaching and Learning context

This task was given to, second year (mixed ability), students after learning about food sustainability (ethical and ecological) and a previous module on consumerism. Some resources were used that encouraged self-directed learning. Student voice was promoted whereby students chose their own topic area and student voice was promoted by peer feedback during their learning. The students were asked to design a campaign all made a presentation and many produced posters, some produced leaflets and power point presentations.

Conditions

The task will be discussed in class with work being completed in class and at home. The students will use the internet to research for the task. The students presented their campaign at the end to the class.

Sample of work 1

Food Sustainability

FOOD PACKAGING

Ireland is one of the top producers in plastic waste in Europe. It almost equals the amount the UK produces. Ireland accounts for 31% of Europe's plastic waste.

60% of all plastic waste comes from packaging.

In 2016, Ireland produced 282,148 tonnes of plastic packaging waste.

How to Reduce plastic while shopping?

- Buy loose fruit and veg
- Use one durable re-usable bag
- Leave packaging behind when possible
- Ask your butcher to wrap your purchase in paper rather than plastic

Did you know?
The "Shop and drop" initiative encourages consumers to leave packaging in shops.

Did you know?
Ireland generates a total of 61tgs of packaging waste per person each year!

Did you know?
93% of Dublin Bay prawns have ingested microplastics!

CHILD LABOUR

Did you know?
Nestle is one of the leading companies noted for its involvement in child labour.

Over 120 million children are employed between the ages of 5-17 and working as laborers that produce everyday foods.

The agricultural sector is one of the most dangerous in terms of work-related fatalities, accidents and occupational injury.

Children are at risk from falls, cuts, burns and exposure to pesticides, such as weather and temperature.

Children are made to prepare fields by ploughing, weeding, sowing, weeding, spraying, applying insecticides and sowing potatoes.

In certain ethnic groups, cattle herding is almost always done by children.

The biggest food products involving child labour are:

- Coffee
- Cocoa
- Soybeans
- Wheat
- Almonds
- Wool
- Woolly

Sourced from Global Child Labour

Did you know?
67.5% of child laborers in the agricultural sector are unpaid and made to work for free!

DEFORESTATION

Global increases for demand of commodities such as palm oil and soya beans are driving industrial scale producers to clear forests away at an alarming rate.

Forest clearing for the cause of livestock ranching is also a major contributor to deforestation.

Solutions to help end deforestation.

- Plant a tree in your backyard, local community garden or anywhere else.
- Go paperless in the workplace.
- Recycle.
- Buy local.

Take initiative to change our world.

FOOD MILES

What are food miles?
Food miles is the distance food is transported from the time of its making until it reaches the consumer.

How do they affect the planet?
Food miles are a major contributor to greenhouse gas emissions and to climate change.

83% of CO₂ emissions in the food industry are caused by food miles.

What can we do to help?

- Think before you buy - Buy local food or regional food that is in season.
- Find out about local food sources like a farmers market.
- Choose products with the least amount of packaging.
- Talk to your local greengrocer, butcher, fishmonger about the origin of the product.
- Buy what you need when you need it.

Conclusion!

Within my campaign, I focused on four main areas that are linked to food sustainability. The message of my campaign is that all areas related to the topic of food sustainability are interconnected. The goal of food sustainability cannot be achieved by focusing primarily on one small niche in the problem. Change must occur within all areas. My hope is that my campaign will inform people about what they can do themselves and how they can create change within any of the areas they can.

Did you know?
The rainforest contains more than 1/2 of the anti-cancer plants identified so far!

Did you know?
It's worth it in just a minute!

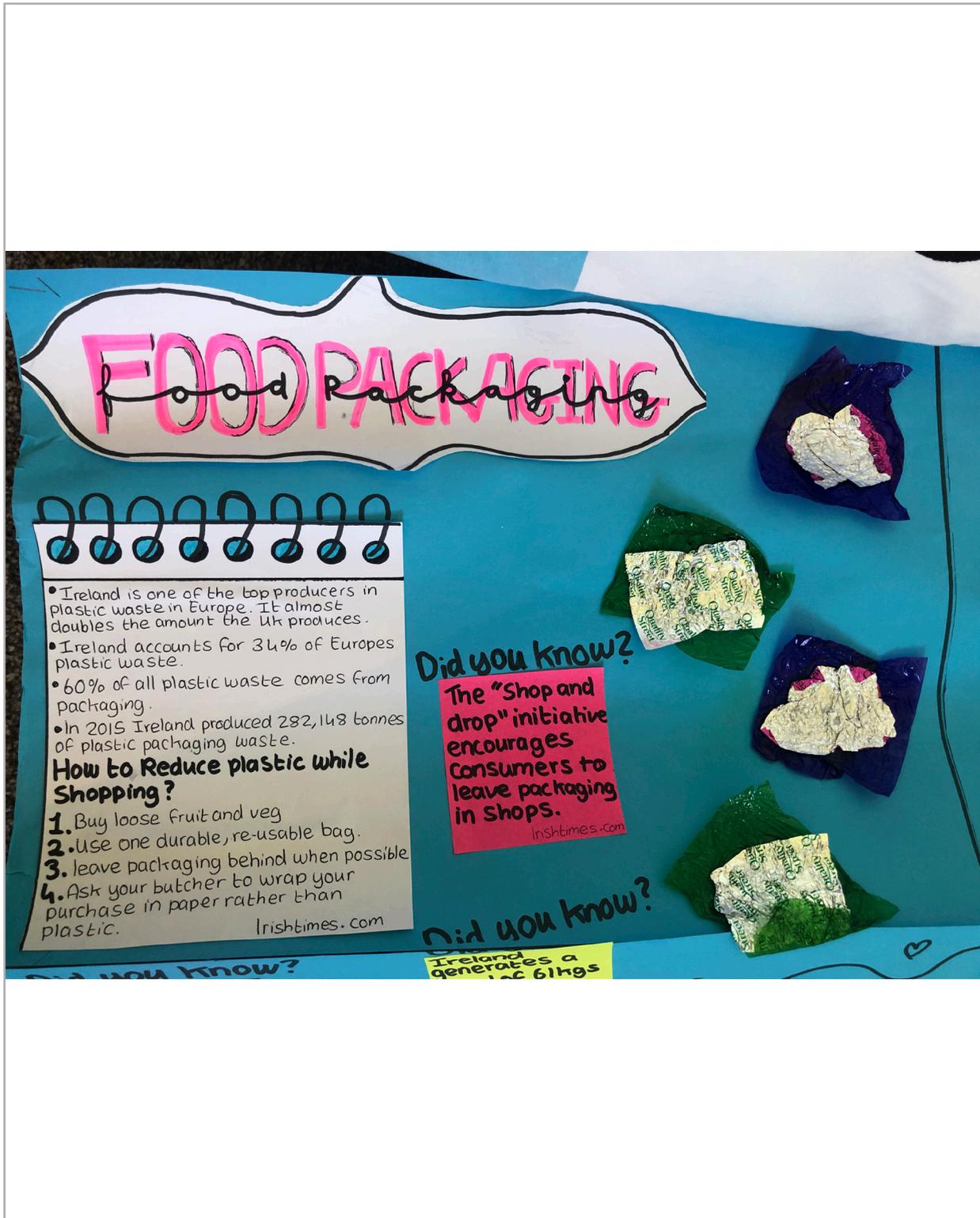
Did you know?
100g of 100% pure cocoa has 100% of your daily iron!

Did you know?
7200 tonnes of potatoes were imported to Ireland in 2017! as well as 15,000 tonnes of cabbage!

Sample of work 1



Sample of work 1



Sample of work 1

Did you know?

Nestle is one of the leading companies noted for it's involvement in child labour

Globalcitizen.org

CHILD LABOUR



- Over 129 million children worldwide between the ages of 5-17 are working as laborers that produce everyday foods
- The agricultural sector is one of the most dangerous in terms of work related fatalities, accidents and occupational disease.
- Children are at risk from falls, cuts, wounds and exposure to extreme conditions such as weather and temperature.
- Children are made to prepare fields by performing laborious tasks such as weeding, sewing, applying inorganic pesticides and spraying fertilizers.
- In certain ethnic groups, cattle herding is almost always done by children.

Sourced from onegreenplanet.org

The biggest food productions involving child labour are:

- Coffee
- Cotton
- Sugarcane
- Chocolate
- Beef
- Tea
- Dairy

Sourced from Globalcitizen.org

Did you know?

Sample of work 1



Sample of work 1

Cotton
 Sugar cane
 Chocolate
 Coffee
 Tea
 Dairy

Sourced From GlobalAction

Did you know?
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GlobalAction.org

FOOD MILES
food miles

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Sample of work 1

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onegreenplanet.org

Sample of work 1



Teacher feedback

- SC1** Fantastic creativity displayed in visual poster that clearly showcases environmental/ecological factors. Clearly presented information to convince peers/others to consider the environment when making food choices. Creativity evident through images, drawings and relevant facts to keep audience engaged. Presented information excellently.
- SC2** A very good range of accurate sources of information used in project to support in convincing others.
- SC3** Excellent use of relevant facts and conclusions linked clearly to the impact of food our choices from sustainability perspective. Excellent reference to the fact that many of the sustainable choices we make are connected. The 'what can we do' for each area summarises the areas really well.

Overall Judgement

Exceptional

