

Amgueddfa Cymru - National Museum Wales



# Introducing the Global Citizenship Mini Challenge

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museum  
amgueddfa  
generaethol  
caerdydd  
Cardiff

**ISSUE:** LIVING SUSTAINABLY  
**FOCUS:** THE IMPACT OF HUMAN  
ACTIVITY ON THE ENVIRONMENT

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## What is the Mini Challenge?

- Challenges are designed to test your Essential Employability Skills
- This Challenge will focus on
  - **Problem Solving and Critical Thinking**
  - **Creativity and Innovation**

# What is the Mini Challenge?

Amgueddfa Cymru has challenged you to explore the issue of **Living Sustainably**

**Sustainable living** means living a lifestyle that uses as few resources as possible and causes the least amount of environmental damage for future generations to deal with



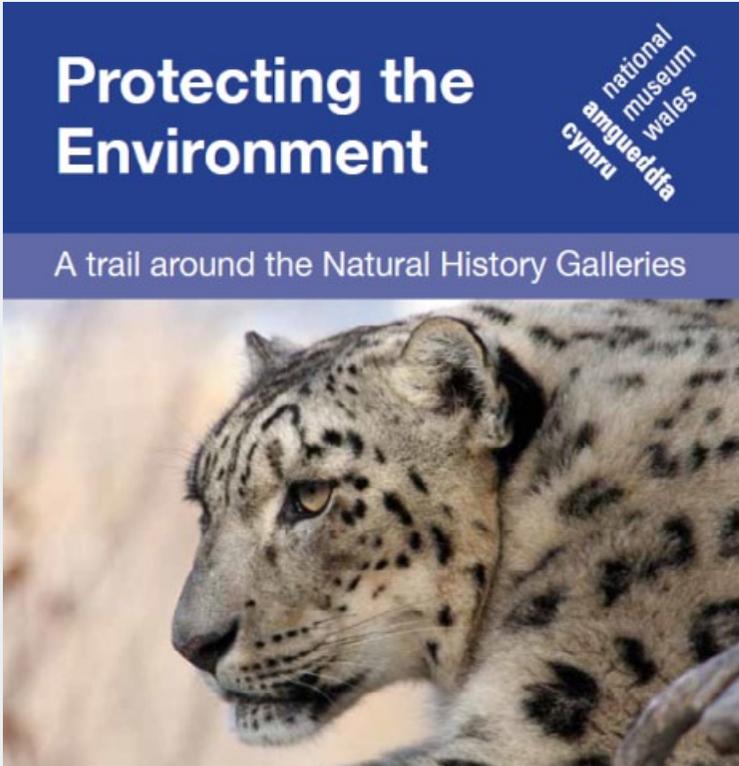
# What is the Mini Challenge?

- You will need to choose an aspect of this issue for your Global Citizenship Challenge
- A visit to National Museum Cardiff will help you to choose what to focus on and provide you with resources to support your research into this issue past and present



# What is the Mini Challenge?

You are then challenged to develop a **Personal Standpoint** on this issue and a pack of resources for an activity to **Raise Awareness** of this issue among younger learners at your school.



**Protecting the Environment**

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A trail around the Natural History Galleries

**Biodiversity & Human Impacts**

Gather evidence and take photographs to help understand some of the major issues affecting biodiversity today.

Discuss ideas with your classmates and make choices on how you can help.

**You can visit the galleries in any order.**

Yn ddiogel gan Lywodraeth Cymru Sponsored by Welsh Government

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# Understanding Living Sustainably

- National Museum Cardiff has exciting galleries, resources and workshops to help you prepare for the challenge, and in preparation you can explore the impact of human activity on nature and the environment



# Understanding Living Sustainably



BOB JONES

- One major impact from industry is pollution, a major threat to nature and the environment. Unsightly litter on beaches can kill wildlife and damage health
- Pollution in the sea can come from sewage and waste agricultural and industrial chemicals
- Plastic is one of the biggest dangers. Wildlife can consume it and they can also get tangled up in it

# Understanding Living Sustainably



- The leatherback turtle on display at National Museum Cardiff was washed ashore on Harlech beach, Gwynedd, in 1988
- Sadly, the turtle had drowned after being trapped by fishing lines. It was approximately 100 years old when it died
- The turtle attracted worldwide attention as it was the largest and heaviest turtle ever recorded, measuring almost 3m (9ft) in length and weighing 914 kilos (2,016 pounds)

# Understanding Living Sustainably



GETTY IMAGES NEWS MATT CARDY

- In Wales the Industrial Revolution and development of industry since has been a major cause of air pollution
- Long-term exposure to air pollution can lead to chronic respiratory disease, lung cancer and other diseases. The World Health Organization says that about half of the world's urban population is exposed to pollution at least 2.5 times higher than it recommends

# Understanding Living Sustainably

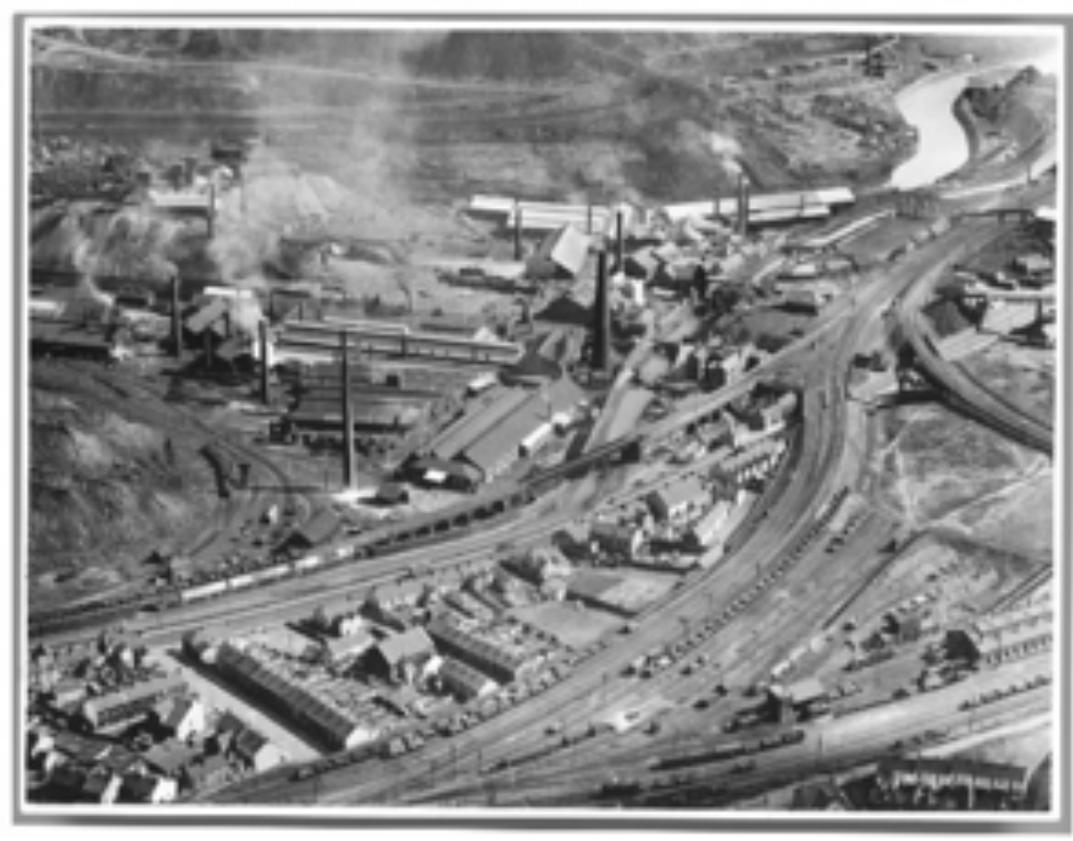


**View of Margam House, Glamorgan, Looking South, c.1700**  
**Attributed to Thomas Smith (fl. 1680s-1719)**  
**Amgueddfa Cymru**  
**Purchased with the assistance of the Heritage Lottery Fund**  
**and the Art Fund, 2012**

- You can visit the art galleries at National Museum Cardiff to study the impact of industrial development on the Welsh landscape. You can see how these changes have been depicted through artworks
- Before the Industrial Revolution Wales was a rural and agricultural country. On the left is a painting of Margam House, Glamorgan, in about 1700, before the Industrial Revolution

*If you are visiting National Museum Cardiff to see specific works please check with the museum beforehand to make sure they will be on display.*

# Understanding Living Sustainably



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- There are photographs on the People's Collection Wales website that illustrate the impact of industrial development on the environment in Wales
- The photograph on the left shows the impact of the Industrial Revolution and the building of copper works in Swansea in the 19th century

# Understanding Living Sustainably



- Artworks in the Museum collection such as this one, painted by Lionel Walden in 1897, illustrates how industry caused pollution in the city in the 19th and 20th centuries

**Steel Works, Cardiff at Night**  
**Lionel Walden**  
**(1893-97)**

# What do you have to do for the Mini Challenge?

1. Carry out research on an aspect of the issue of **Living Sustainably** and produce a **Personal Standpoint** of your views on this global issue, e.g. Leatherback Turtles: why are they so endangered?
2. Develop a **Raising Awareness Activity** for use with Year 7 learners.  
Produce a **Raising Awareness Pack** illustrating your ideas
3. Complete a **Personal Reflection**

# TASK 1 Your Personal Standpoint

- Find information about the issue from a range of sources
- Find information on the political, economic, social, technological, legal and environmental aspects (PESTLE)
- State your personal views about the issue of living sustainably, commenting on the reliability of sources you refer to

# Comment on the Reliability of Your Sources

<b>How useful is the source?</b>	What information can you get from this source? Is this information detailed or limited in any way?
<b>What reasons are there to believe the source?</b>	What makes this a believable and reliable source? Is it, for example, an official government document, first-hand evidence of an eye-witness or in agreement with other reliable sources?
<b>Are there any reasons to doubt the source?</b>	Could the source or parts of it be unreliable e.g. be inaccurate, lies, biased or exaggerated?

# Comment on the Political, Economic, Social, Technological, Legal and Environmental aspects

<b>POLITICAL</b>	The views and actions of governments and politicians
<b>ECONOMIC</b>	Importance of sustainable development to the economy
<b>SOCIAL</b>	Impact and importance of living sustainably on communities
<b>TECHNOLOGICAL</b>	The use of technology and its impact on living sustainably
<b>LEGAL</b>	Laws relating to sustainable development
<b>ENVIRONMENTAL</b>	The importance of sustainability to the environment

## TASK 2 **Raising Awareness**

- Create a pack of resources for an activity to **Raise Awareness** of an aspect of the issue of Living Sustainably among younger learners at your school
- Be creative and innovative. You could consider presentations, leaflets, campaigns, websites, blogs, poems, songs, posters or, better still, come up with your own original ideas



## TASK 3 Your Personal Reflection

- Record and review your **personal role** and contribution
- Reflect on your **personal effectiveness**, including in your own role and as a team member
- If you worked as a team, record and review the way you developed and used your **personal and team-working skills**
- Be sure to include **Creativity and Innovation** and **Critical Thinking and Problem Solving**

# How will you be judged?

- How well you work as an individual or together as a team
- Your Critical Thinking and Problem Solving and Creativity and Innovation
- The quality of your **Personal Standpoint, Raising Awareness activity** and **Pack**

To help with answering your brief you can:



1. Visit National Museum Cardiff
2. Prepare for the Mini Challenge using the Amgueddfa Cymru **Living Sustainably Source Pack and Activities**