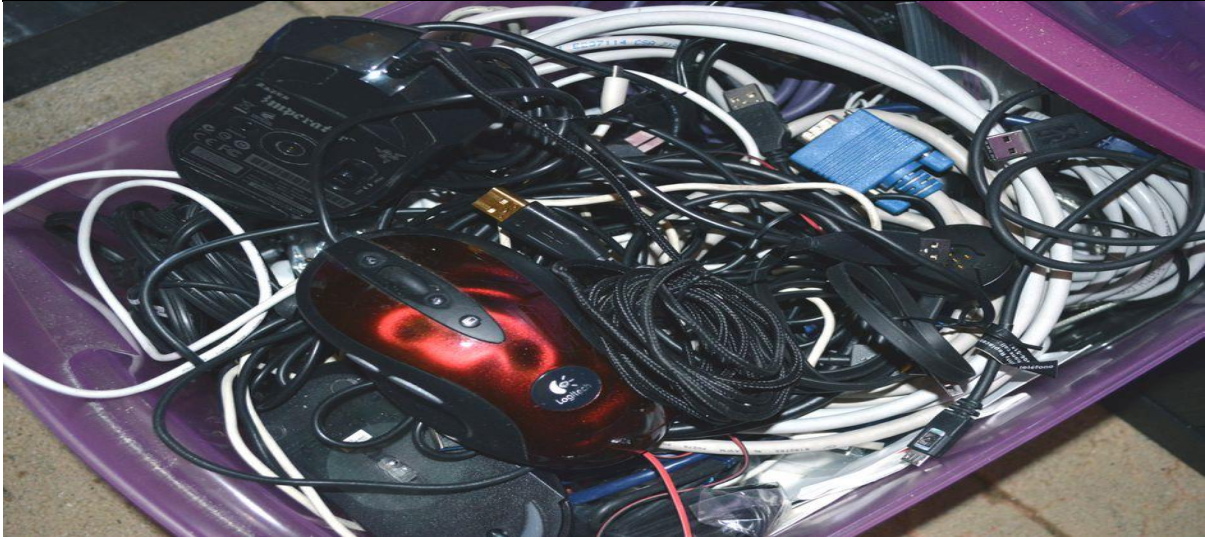


Name

IB Geography - The International Flow of Consumer Waste



Have you got a box or a drawer that looks like this at home? If so, what type of electrical items are in there and why you keep them.

TECHNOLOGY RECYCLING HAS NEVER BEEN EASIER WITH DELL RECONNECT



1. Gather your unwanted computer electronics



2. Drop off at Goodwill, where they will be recycled or refurbished



3. Keep e-waste out of landfills and help create jobs

Watch the first video on [ibgeographypods](http://ibgeographypods.org) and study the image on the previous page. Outline the DELL Reconnect scheme.

Name

Watch the first 5:15 'The Story of Electronics' video on [ibgeographypods](https://www.ibgeographypods.org). Take notes on the concept of '**designed for the dump**' and '**planned obsolescence**'.

- | | |
|---|---|
| ▶ iPhone: June 29, 2007 | ▶ iPhone 8 & 8 Plus: September 22, 2017 |
| ▶ iPhone 3G: July 11, 2008 | ▶ iPhone X: November 3, 2017 |
| ▶ iPhone 3GS: June 19, 2009 | ▶ iPhone XS, XS Max: September 21, 2018 |
| ▶ iPhone 4: June 24, 2010 | ▶ iPhone XR: October 26, 2018 |
| ▶ iPhone 4S: October 14, 2011 | ▶ iPhone 11, Pro, Pro Max: September 20, 2019 |
| ▶ iPhone 5: September 21, 2012 | ▶ iPhone 12, Mini, Pro, Pro Max: November 13, 2020 |
| ▶ iPhone 5S & 5C: September 20, 2013 | ▶ iPhone 13, Mini, Pro, Pro Max: September 24, 2021 |
| ▶ iPhone 6 & 6 Plus: September 19, 2014 | ▶ iPhone SE 3 (2022): March 18, 2022 |
| ▶ iPhone 6S & 6S Plus: September 19, 2015 | ▶ iPhone 14, Pro, Pro Max: September 16, 2022 |
| ▶ iPhone SE: March 31, 2016 | ▶ iPhone 14 Plus: October 6, 2022 |
| ▶ iPhone 7 & 7 Plus: September 16, 2016 | ▶ iPhone 15, Plus, Pro, Pro Max: September 22, 2023 |

Study the image above carefully ([and this infographic](#)), including the release dates. These are old iPhones, but the sequence shows the year-on-year product upgrades. To what extent can a smart phone be considered to be designed for 'planned obsolescence'?

Name



Describe and explain the global flows of e-waste from users to where it is often disposed of.

Make a list of the main reasons why HICs are exporting e-waste to MICs and LICs. Which key powers may be involved here?

Name

Spend 10 minutes researching the [Basel Action Network \(Power\)](#). Outline their main aims and objectives including the main damaging **processes** that they are aiming to end.

Now, watch the second video on ibgeographypods by 'The Circuit'.

What are the common misconceptions by the public regarding where their e-waste ends up?

Where did most of the tracked devices end up? Write some notes about 'The New Territories' and what role it plays in the decommissioning of e-waste. Outline any hazardous materials and key powers that are mentioned / implicated in this process.

Name



Using the two embedded Google Streetview images on ibgeographypods, describe three obvious impacts of the disposal of international waste on the environment in Agbogbloshie. [Here is a link](#) to the Google map to match the image above.

- 1
- 2
- 3

Using the drone video and BBC video on ibgeographypods, describe the socio-economic costs of e-waste disposal on communities in Agbogbloshie.

Paper 2 - Infographic Question Example



United Nations	Good points	Criticisms
General design		
Layout		
Readability		
Data		
Calculate the value per MT of raw materials in e-waste?		

Name

Calculate the % of total e-waste that is properly recycled.	
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