

# E-waste and digital sobriety

## Lesson Plan



### 1 Vocabulary on electronic devices

**Vocabulary exercise** : Drag and drop the names of these electronic devices.

<https://www.liveworksheets.com/w/fr/english-second-language-esl/7171436>

**Speaking** How many of them do you have at home ?  
Which ones do you use the most ? How much / How often ?

### 2 The environmental impact of electronic devices

**Quiz on e-waste** : <https://carrefour.netboard.me/notimetowaste/?tab=565485>

From the questions of the quiz, define the **fields / sectors that are impacted by e-waste.**

*Answer* : resources, energy consumption, data, recycling, landfill, child labour

**Speaking** : Do you know other impacts of e-waste ?

*Possible answers* : animal and human habitat for extracting metals, transport, data centres, cables in the oceans...

### 3 En route vers la sobriété numérique (ADEME)

<https://librairie.ademe.fr/consommer-autrement/5086-en-route-vers-la-sobriete-numerique-9791029718755.html>

**Reading** : learn more about the environmental impact of electronic devices.

Complete the life cycle of an electronic device (see attached document)

*Answer* :

*red arrows* : Extraction of raw materials => Production => Distribution + Transport => Use => End of life

*blue arrows* : Recycling + Reuse between Use and Production

### 4 What we can do to reduce our impact

*En route vers la sobriété numérique (ADEME)* => advice on more sustainable use (data, electricity consumption, device maintenance, reuse...)

**Speaking** : Do you know the 5 Rs ? : Refuse, Reduce, Repair, Reuse, Recycle

### 5 Final task

Create a leaflet to raise awareness on e-waste and promote digital sobriety among your schoolmates.  
The leaflet may be published in the other classes

**Instructions**

Choose 1 problem and 1 of its solutions to lessen your impact when you use electronic devices.

Present the problem (short description and/or infographic) and present the solutions

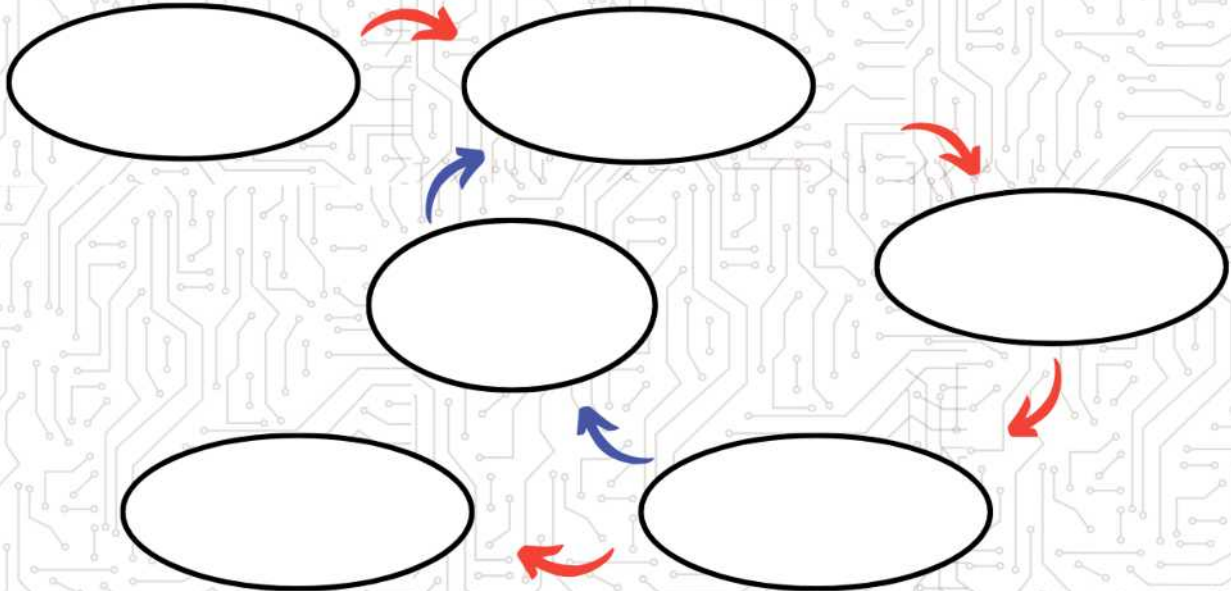
Use the "R" word(s) that correspond to your chosen solution.

Languages : in French and in English (1 leaflet each)

## LIFE CYCLE OF ELECTRONIC DEVICES

Complete the life of electronic devices with the following list.

Distribution - Extraction of raw materials - End of life - Production - Recycling - Reuse - Transport - Use



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