

TAREA 15: Current electricity

- Tienen que corregirse el ejercicio de la tarea 14 con las soluciones que incluyo aquí.
- Después, tienen que ver este vídeo sobre los circuitos eléctricos:
<https://www.youtube.com/watch?v=HOFp8bHTN30>
- Leerán la segunda parte de la página 117 del libro de Natural Science, la que corresponde a “Current electricity” (pueden escuchar el audio con las claves del libro digital que os mandamos).
- Finalmente harán el ejercicio que pongo al final de esta ficha.
- Opcionalmente, si disponéis de material en casa (entiendo que será complicado), podéis intentar hacer un pequeño circuito eléctrico como el del vídeo.

Corrección ejercicio (de la tarea 14):

1. Answer these questions about the video and the text on the book.

- What is the video about?
The video is about static electricity.
- What are the names of the three smaller particles that atoms contain?
Atoms contain electrons, protons and neutrons.
- Which of these particles can move from one object to another?
Electrons can move from one object to another.
- What does it mean that “an object if it is positively charged”?
It means that the object has lost electrons.
- What happens when an object that is positively charged touches an object that is negatively charged?
Those electrons from the negatively charged object move to the positively charged object to restore the neutral charge equilibrium.
- ¿True or false? Electric insulators (like plastic, rubber or glass) lose electrons easily. **False**
- Make a picture to represent this part of the text you have read on the book:



Ejercicio "Current electricity":

1. Answer these questions:

a. What happens in a circuit if electricity doesn't have a path to travel on?

b. Tell me an example of a power source.

c. What is "to break a circuit"?

d. Tell me three objects that have electrical circuits inside.

e. Copy the picture on page 117 that represents the electrical circuit, write the parts on it and copy the four definitions that appear next to the picture (power source, wires, switch and resistor).



