

# TECHNOLOGY



## Solar energy

### HOW TO CREATE YOUR ELEMENTS

#### STORAGE

The storytelling elements (story and image) can easily be stored in a large paper envelope.

#### CRAFT THE ELEMENTS

##### Storytelling elements

Print the annexe "Learn about solar energy\_storytelling" in A4 format in colour.

##### Creation of the solar oven

- A. Take a fairly deep cardboard box.
- B. Attach 4 "solar panels" pieces of cardboard covered with aluminium foil.
- C. Add a fastening system (string on each panel to tie them together) so that the panels stand on their own and can be tilted according to the position of the sun.
- D. Place a black plate at the bottom of the cardboard box.
- E. Place plastic film on top of the black plate.
- F. Place the food you want to melt or cook inside the black plate.

#### POTENTIAL ISSUES

Remind your pupils of the safety instructions throughout the construction process, and make sure that no pupil places their hand in the centre of the plate.



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