

# Theme 2. Energy

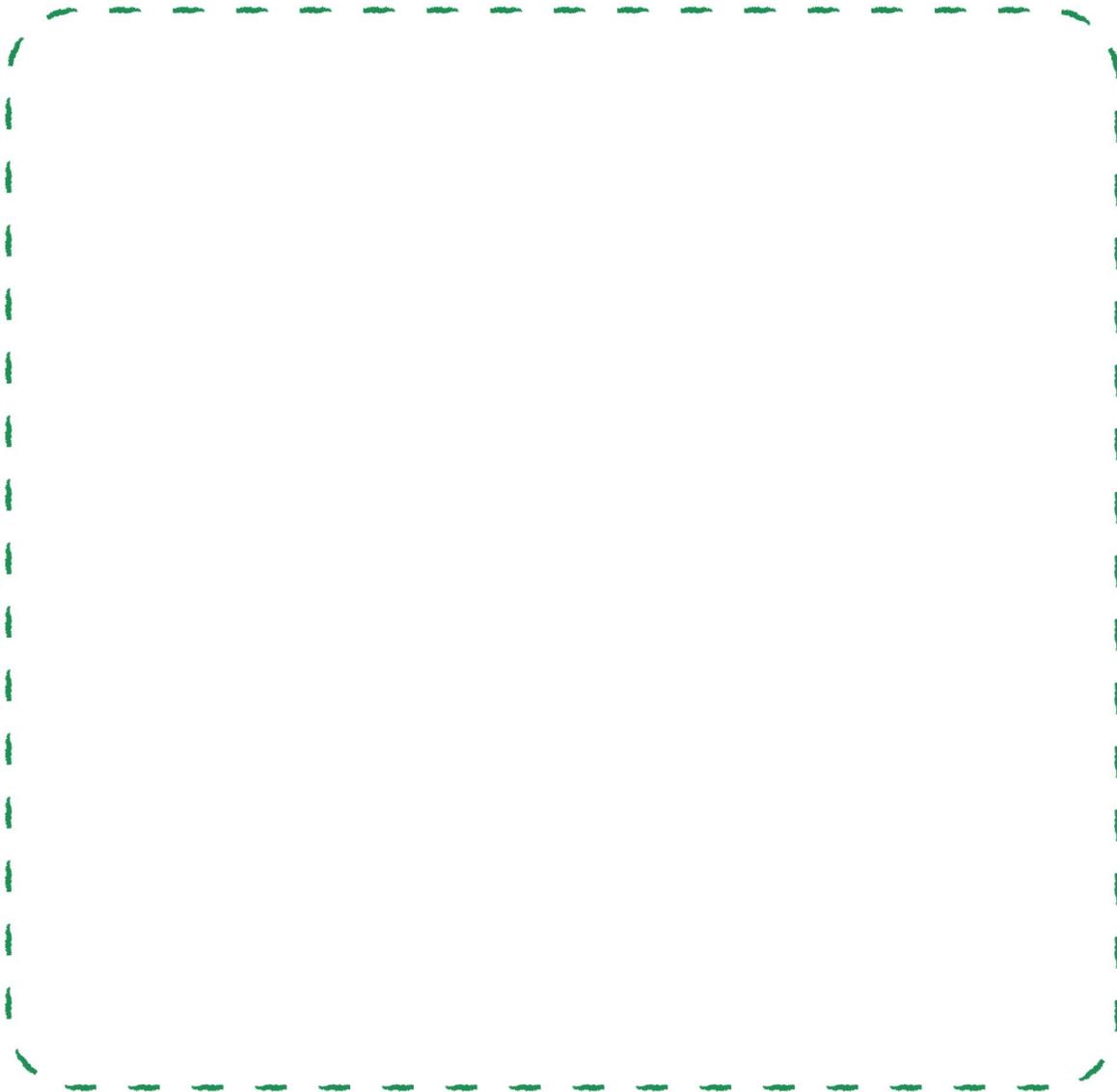
Worksheet - Ages 8-10

Name: \_\_\_\_\_

## Problem and solution

### Exercise 1

Describe energy in your own words or make a drawing.



## Exercise 2

### Which words can you use to fill the blanks?

Write the words where they belong in the text.

Choose from:

- oil
- electricity
- coal
- CO<sub>2</sub>-emissions
- fossil fuels

- a. Power stations transform energy into \_\_\_\_\_ .
- b. Two types of energy resources that are used at power stations are:  
\_\_\_\_\_ and natural gas.
- c. Another energy resource is \_\_\_\_\_ . This is used to make petrol and diesel.
- d. These three energy resources are also called \_\_\_\_\_ .
- e. One problem is that burning these fossil fuels leads to large \_\_\_\_\_ .  
Another problem is that we will run out of fossil fuels.

## Exercise 3

### True or False?

Circle the correct answer.

- a. Fossil fuels will eventually run out. true / false
- b. Solar and wind power are a solution to the energy problem. true / false
- c. Solar and wind power are renewable resources. true / false
- d. Renewable resources only have positive effects. true / false



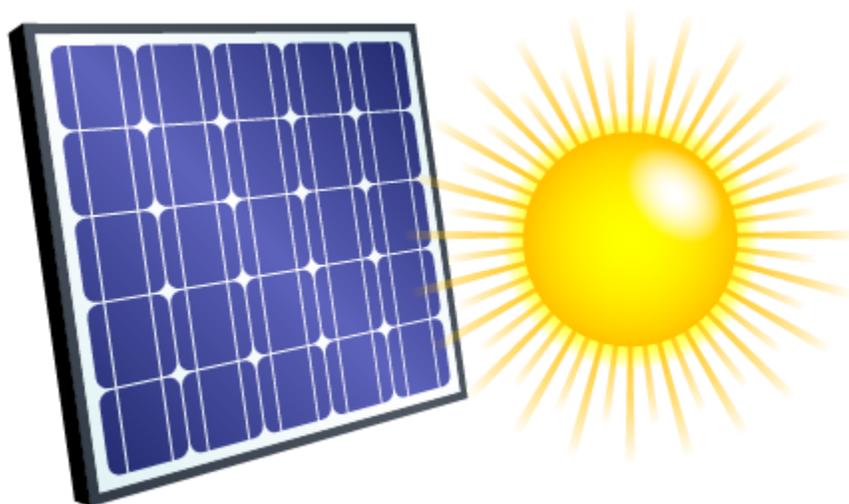
**Exercise 4**

What are some advantages of solar energy?  
And what is a disadvantage?

Choose from:

- free
- does not produce energy when cloudy
- much less CO<sub>2</sub>-emissions
- unlimited resource

Advantages	Disadvantage



### Exercise 5

What are some advantages of wind energy?  
And what are disadvantages?

Come up with your own ideas and write them in the boxes.

Advantages	Disadvantages

## What can you do?

### Exercise 6

*You have already discussed which energy-saving habits you have or are working on.*

What else can you do to help save energy?

Write two things that you can do and explain how they can help save energy.

1.

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2

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