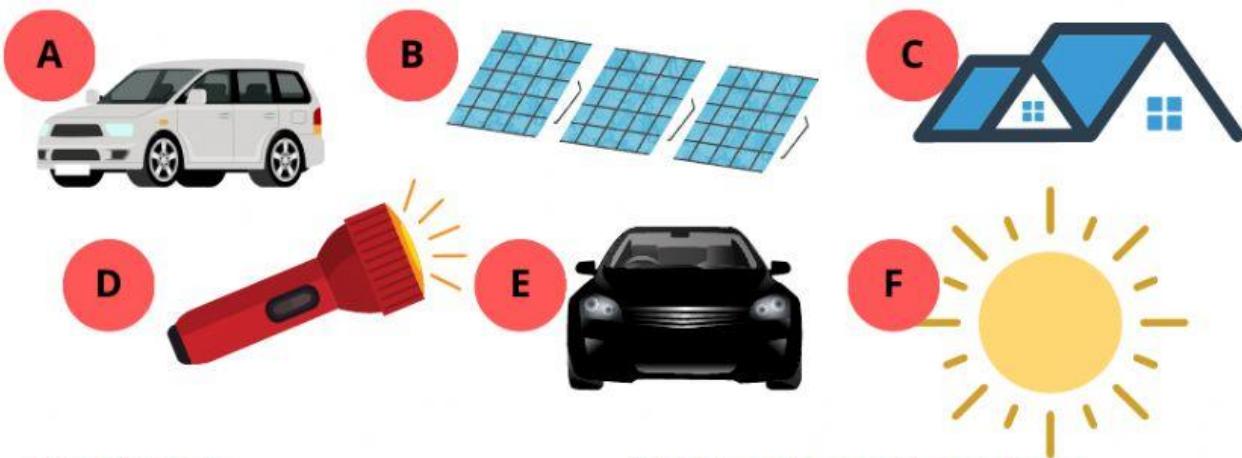


# LIGHT ENERGY



## 1. MATCH THE WORDS WITH THE PICTURES



flashlight \_\_

natural light source \_\_

solar panel \_\_

light coloured surface \_\_

dark surface \_\_

roof \_\_

## 2. READ THE TEXT. THEN, MATCH THE SENTENCES HALVES

**Light is a form of energy** and it makes heat. You can feel the heat of the sunlight on your skin. Look at these cars. Light colored surfaces reflect light well. The paint on the white car reflects light well. This means it doesn't get too hot inside.

**Dark surfaces** don't reflect light very well. The paint on the black car doesn't reflect light well. It absorbs more light than white paint. This means the black car can get very hot inside.

**Solar panels** use light energy to make electricity. We see solar panels on the roofs of buildings such as schools or offices, but also on other things like watches, flashlights, and chargers. Solar panels need to absorb light energy. We want them to get hot, like the black car!

- **Careful! There's an extra option. Then, write the sentences in your binder.**

1. Light is a type
2. Light makes
3. The objects that reflect light well are
4. Dark surfaces
5. Solar panels
6. We can find solar panels
7. Solar panels need

- a. absorb more light.
- b. of energy.
- c. on roofs, watches, flashlights and chargers.
- d. heat.
- e. produce electricity.
- f. to absorb the light.
- g. light colored.
- h. dark colored.

### 3. MAKE A CHART ON YOUR BINDER. WHICH SURFACES REFLECT LIGHT WELL?

aluminium foil  
black paper  
desk  
jumper  
light colored paper  
wooden door

materials that absorb light	materials that reflect light