

**SOLAR POWER - KEY**

**1. How can you create an oven using solar power?**

Just get a metal box and put some mirrors and a pot inside! The mirrors focus the sunlight onto the pot to cook the food.

**2. What temperature can reach this makeshift oven?**

The temperature can go to at least 200°C.

**3. What is the most common use of solar energy at the moment?**

Heating water

**4. What is one of the uses of the small lights which collect the sun's energy during the day?**

At night they can illuminate your garden.

**5. What are the main uses photovoltaic cells?**

They can be used on parking meters, emergency telephones, calculators and to operate satellites in space.

**6. What is the biggest inconvenient of using photovoltaic cells?**

They are very expensive

**7. Using only the sun to power their vehicles, how many km do the winners do in under a week crossing Australia?**

They usually do 3,000 km

**8. Which European country has the largest number of solar panels on houses?**

Greece

**9. How do you have to build your house in order to use the sun's energy?**

To make your house face south