



Class N° 2: March, 25th

Unit 1: SOLAR POWER

Article: “SOLAR ENERGY” from “Intermediate Energy Infobook”

**BEFORE READING THE TEXT!**

(Antes de leer el texto)

- 1) In how many parts is the article divided?
- 2) How many pictures are included?
- 3) What do the pictures show?

**WHILE READING!**

(Mientras lees)

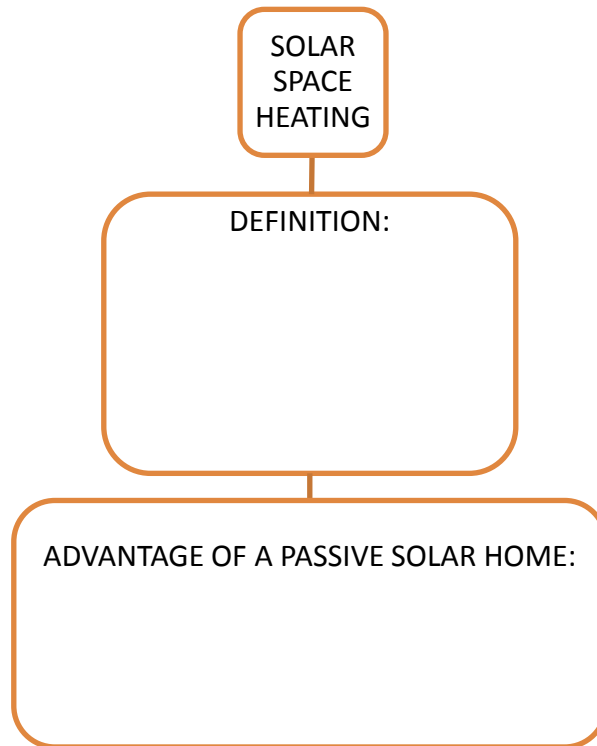
4) READ the section “*WHAT IS SOLAR ENERGY?*” and ANSWER:  
(Leer y responder)

- a- Where does solar energy come from?
- b- What is the sun made up of?
- c- What is nuclear fusion?
- d- Which is the speed of light?
- e- What is solar energy used for?

5) READ the section “*SOLAR COLLECTORS*” and decide if these ideas are TRUE or FALSE.  
(Leer y hacer Verdadero o Falso)

- a- Heating with solar energy is difficult. ....
- b- Capturing sunlight is not easy. ....
- c- The amount of solar energy received in one area depends on many conditions.  
.....
- d- A solar collector helps us to heat energy. ....
- e- When it is sunny, we can use a car as a solar collector. ....

6) READ the section “*SOLAR SPACE HEATING*” and COMPLETE the diagram.  
(Leer y completar el diagrama)



7) READ the section "*SOLAR WATER HEATING*" and PUT IN ORDER the ideas below.

(Poner en orden las siguientes ideas)

HOW DOES A SOLAR WATER HEATER WORK?

- ..... The water is heated up by the sunlight.
- ..... The faucets have hot water.
- ..... It captures the sunlight.
- ..... It is installed on a roof.
- ..... The hot water is sent through pipes.

8) READ the section "*SOLAR ELECTRICITY*" and EXPLAIN how electricity is produced in these two ways:

(Explicar cómo la electricidad es producida en estas dos formas)



PHOTOVOLTAIC ELECTRICITY



SOLAR THERMAL ELECTRICITY