

LESSON 3.- NUCLEAR POWER

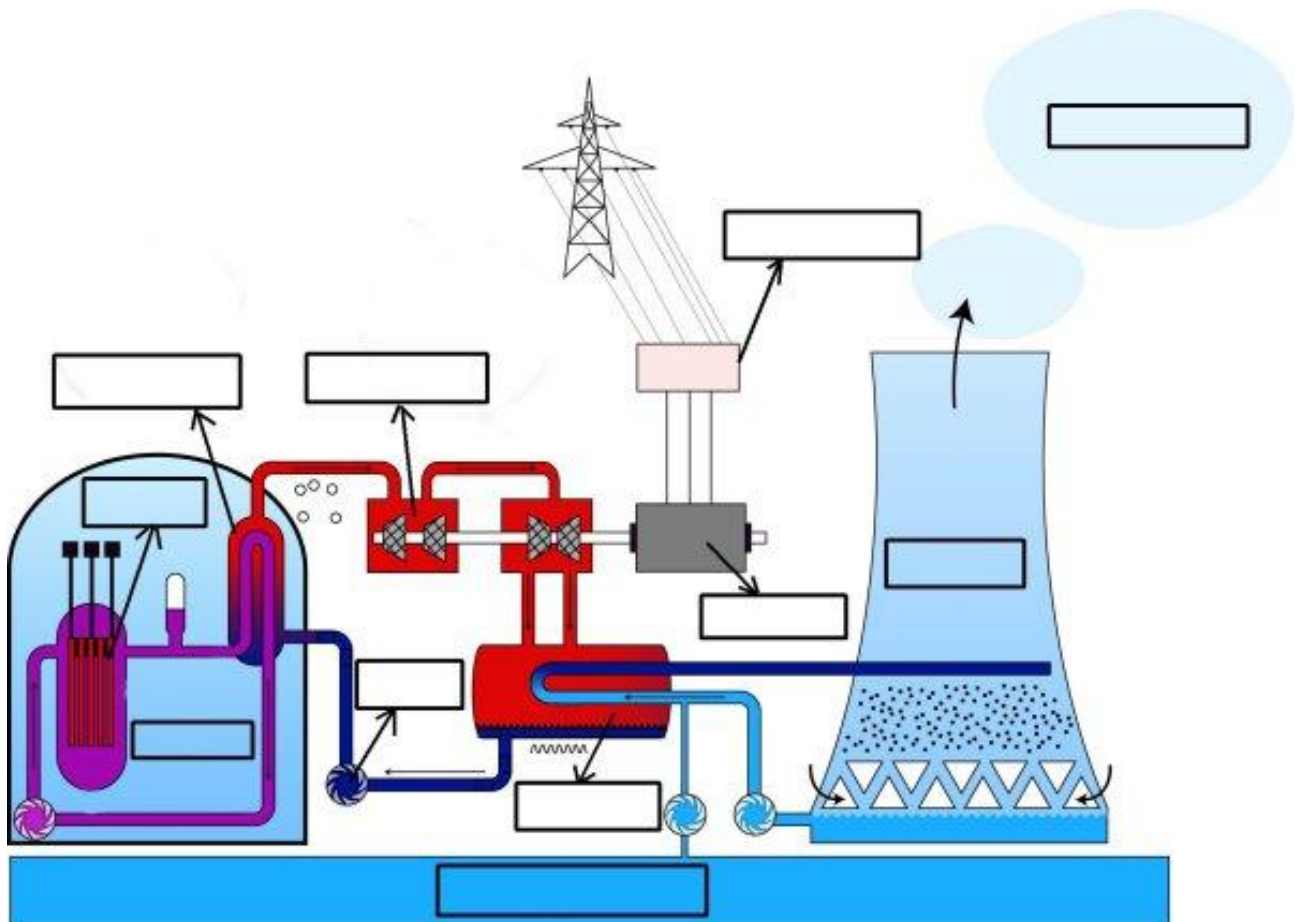
1. Go to the website about nuclear energy: <http://www.darvill.clara.net/altenerg/nuclear.htm>

Fill in the gaps with the words in the box below.

- a) Is nuclear power renewable? _____.
- b) Nuclear power stations use _____ as fuel. They need very little, compared to a "fossil" power station because there is much more _____ in nuclear fuel.
- c) The _____ reaction inside the _____ creates heat, which turns _____ into steam to drive _____, which drive generators to make electricity.
- d) _____ power stations do not create atmospheric pollution, because they do not _____ anything. However, the small amount of _____ that they do produce is very _____.

Nuclear - burn - chain - dangerous - energy - reactor - turbines - uranium - waste - water

2. Label the picture of the nuclear power station with the words in the box.



Source: Wikimedia commons

cooling tower	reactor	river	control rod
steam generator	transformer	condenser	turbine
water vapour	pump	generator	

3. Explain the process by using all the words you have in the box above:

4. Activity in pairs. Here you have some words related to nuclear energy. You have to discuss with your partner about them and write one sentence for every word.

a) pollution

b) radioactivity

c) Chernobyl

d) Greenhouse effect and global warming