

Year 5 History
Monday 22nd June 2020

Lesson 3 - Democracy

Watch the following video for another overview about democracy:
<https://www.youtube.com/watch?v=f-feDZRxJKw>



During the Tudor period, the power of the parliament decreased and the monarchy increased.

Although Henry VIII discussed things with parliament, he only used them to ratify his decisions (make them valid).

He destroyed the power of the church, took its wealth and moved the country from Catholicism to Protestantism.

In 1539, Henry had the **Statute of Proclamations** which meant that he could make any law that he wanted.

Elizabeth I Tudor was similar and bullied and controlled her parliaments. In 1576 a member of parliament (Peter Wentworth) complained about this and so she arrested him and put him in the Tower of London.

You can find out more about the Tower of London by following these links:
<https://www.funkidslive.com/learn/tower/history-of-the-tower-of-london-top-facts-about-the-tower/#>
<https://www.hrp.org.uk/tower-of-london/#gs.8mlrrw>
<https://www.hrp.org.uk/schools/learning-resources/a-short-history-of-the-tower-of-london-presentation/#gs.8mlu3v>

Activity:

Follow this link:

<https://www.bbc.co.uk/bitesize/guides/zbtg87h/revision/3>

Create an information booklet about the UK government in Tudor and Stuart times. Have a look at the following example of an information booklet to help you with the layout:

The image shows a handwritten information booklet about nuclear energy, divided into two pages. The left page is titled 'Nuclear' and 'FUELS'. It includes a 'WARNING: RADIOACTIVE!' box with a radiation symbol, a diagram of a nuclear reactor, and a diagram of nuclear fission. The right page is titled 'Reasons why...' and 'How do nuclear plants work?'. It includes a 'DID YOU KNOW...' section, a 'FACT...' section, and a diagram of a nuclear power plant. The booklet also includes a comparison table of deaths from nuclear energy in the U.S., Europe, and India.

Nuclear

FUELS

What is it?
It's a substance that is used to produce heat to power turbines! Heat is produced when nuclear fuels undergo the nuclear fission.

WARNING: RADIOACTIVE!

The main nuclear fuels are uranium and plutonium. These are radioactive metals. Unlike fossil fuels, nuclear fuels are not burnt to make energy. Instead, nuclear fission reactions in the fuels release energy.

THE WHOLE PROCESS OF...

Nuclear Fission:

incident neutron → fissionable nucleus → splitting of nucleus → incident neutrons → fission product → CHAIN REACTION

release of energy!

Advantages...

- unlike fossil fuels, nuclear fuels do not produce carbon dioxide or sulfur dioxide.
- This helps the global warming slow down.
- The U.S. saves \$12 billion dollars a year for energy costs, thanks to nuclear power!

Disadvantages...

- fossil fuels and nuclear fuels are non-renewable energy sources. If there is an accident, large amounts of radioactive material could be released into the world.
- It must be stored safely!

DID YOU KNOW...

- Enrico Fermi, an American / Italian physicist was the discoverer of nuclear energy.
- 20% of U.S.'s electricity comes from nuclear energy!
- France is the most reliant country of nuclear energy.

Reasons why...

Since the beginning of the industrial revolution, the demands for energy has increased dramatically! Today, most of these demands are met with the combustions of fossil fuels. This is starting to change peoples minds that because of the rising costs and the harmful effects on the environment caused by fossil fuels, we should look for ways to replace our dependence upon them. Nuclear energy is one of the best options because it has all of the technology required to be used on a large scale!

Is it really that dangerous?

Despite the seemingly huge impact reported by the media, there have been no deaths as a direct result of the meltdowns at either Fukushima or Three Mile Island! Even in the case of Chernobyl, the total number of deaths is quite low. In comparison, deaths due to the use of coal are over 10,000 a year in the U.S. alone, followed by 22,300 deaths per year in Europe and up to 100,000 deaths per year in India.

U.S.	10,000+ deaths
Europe	22,300 deaths
India	100,000 deaths

How do nuclear plants work?

1) First, you have the fuel, usually Uranium, which must be:

- 1) MINED... Uranium = 235
- 2) ENRICHED... ITOSCOPE
- 3) THEN, FORMED INTO PELLETS WHICH ARE PLACED IN RODS WITHIN THE REACTOR!

FACT...

DID YOU KNOW?

Proton → Pressurizer → Turbine → Electric Generator → Condenser → Steam Generator

You may choose to do a handwritten booklet or you may choose to type it up! There is a template on the website which you can use if you want to.

Do more research on the internet if you feel it will help to add more detail to your information booklet.