

Nuclear Energy

Quotations

"We should not just consume hydrocarbon fuel but use it to develop nuclear energy, hydro power and renewable energy sources."

- Vladimir Putin

"If our nation wants to reduce global warming, air pollution and energy instability, we should invest only in the best energy options. Nuclear energy isn't one of them."

- Mark Z. Jacobson

Questions

- How does a nuclear power station work? Is it safe?
- What are eight positive and negative aspects of this form of energy?
- Should all countries be allowed to use nuclear energy?
- As a result of disasters like Fukushima, should governments shut down investment in nuclear energy?
- Would you like to see nuclear powered car, trains and planes?
- Would you like your home to use "mini" reactors?
- Can nuclear energy reduce carbon emissions?
- How do environmentalists feel about nuclear energy?
- What is plutonium and uranium? Which is used for energy?
- If you could have free electricity, would you live incredibly close to a nuclear power station?
- What is the most common for of power generation in our country?
- What are the alternatives to nuclear energy?
- Could nuclear technology provide a path into other energy breakthroughs?
- The UK is building the most expensive nuclear power station at Hinkley Point. The estimated cost is £50 billion, in what ways can the government reduce the cost to the taxpayer?

Presentation

Imagine you work for a nuclear power station or company which builds reactors. Your company will build a reactor very close to a town. Create a presentation for a town

hall meeting in order to persuade the local people to allow your reactor to be built.