

The Nuclear Power Puzzle

(Ten teams, left part)

<p><b>1. What is nuclear fission?</b></p> <p>Terms: Nucleus Neutron Nuclear Uranium Radioactivity Fission</p>	<p><b>3. How is a nuclear power plant's fuel made?</b></p> <p>Terms: Enrichment Fuel cycle U-235, U-238, plutonium</p>
<p><b>2. How do we get electricity from a nuclear power plant?</b></p> <p>Diagram:</p> <p>Terms: Reactor Fuel rod Control rod Core Generator</p>	

The Nuclear Power Puzzle

(Ten teams, middle part)

<p><b>4. What are some advantages of nuclear power?</b></p> <p>Cost Abundance Safety Pollution Waste products</p>	<p><b>5. What are some disadvantages or problems with nuclear power?</b></p> <p>Cost Abundance Safety Pollution: normal (planned, allowed) Accidental Waste products</p>
<p><b>6. What are some safety measures that are taken at nuclear power plants?</b></p> <p>Terms: Containment vessel Cooling water Redundant systems</p> <p>Have there been accidents at nuclear power plants? Examples:</p>	