











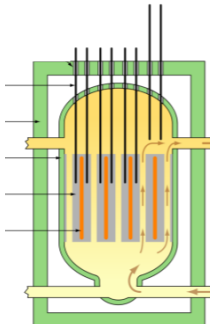
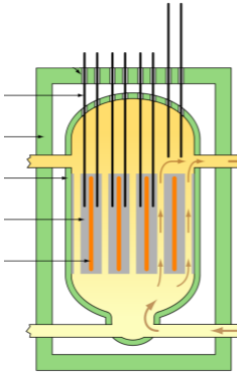
<p>Nuclear Fission</p>  <p>Describe what induced nuclear fission is and when it occurs</p>	<p>mrbakerssciencestuff.com</p> <p>1 of 12</p>
<p>Nuclear Fission</p>  <p>What is meant by spontaneous fission and why is it rarely a problem?</p>	<p>mrbakerssciencestuff.com</p> <p>2 of 12</p>
<p>Nuclear Fission</p>  <p>Draw a diagram to demonstrate what happens in Nuclear Fission.</p>	<p>mrbakerssciencestuff.com</p> <p>3 of 12</p>
<p>Nuclear Fission</p>  <p>What is the difference between naturally occurring Uranium and enriched Uranium?</p>	<p>mrbakerssciencestuff.com</p> <p>4 of 12</p>

Instructions:

- (1) Answer the questions.
- (2) Watch the clip and correct your answers.
- (3) Print out, fold over on dotted line and make into flashcards.
- (4) Use for retrieval quizzes.









<p>Nuclear Fission </p> <p>How much coal would be needed to release at least the same amount of energy as 1kg of uranium-235?</p>	<p>mrbakerssciencestuff.com</p> <p>5 of 12</p>
<p>Nuclear Fission </p> <p>Sketch a diagram of a chain reaction and describe why it occurs.</p>	<p>mrbakerssciencestuff.com</p> <p>6 of 12</p>
<p>Nuclear Fission </p> <p>What is the main difference between a coal fuelled power station and a nuclear power station?</p>	<p>mrbakerssciencestuff.com</p> <p>7 of 12</p>
<p>Nuclear Fission </p> <p>Label the parts of a Nuclear Generator.</p> 	<p>mrbakerssciencestuff.com</p>  <p>8 of 12</p>

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<p>Nuclear Fission</p>  <p>Describe what the reactor's graphite moderator does and why it is important.</p>	<p>mrbakerssciencestuff.com</p> <p>9 of 12</p>
<p>Nuclear Fission</p>  <p>Describe what the job of the control rods are inside a nuclear reactor.</p>	<p>mrbakerssciencestuff.com</p> <p>10 of 12</p>
<p>Nuclear Fission</p>  <p>When does steady-state induced fission occur?</p>	<p>mrbakerssciencestuff.com</p> <p>11 of 12</p>
<p>Nuclear Fission</p>  <p>What does the water do inside the nuclear reactor?</p>	<p>mrbakerssciencestuff.com</p> <p>12 of 12</p>

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