











<p>Insulation </p> <p>What is an <b>insulator</b>?</p>	<p>mrbakerssciencestuff.com</p> <p>1 of 11</p>
<p>Insulation </p> <p>State examples of <b>insulation</b> used in the home?</p>	<p>mrbakerssciencestuff.com</p> <p>2 of 11</p>
<p>Insulation </p> <p>Describe <b>Loft Insulation</b> and explain how it works?</p>	<p>mrbakerssciencestuff.com</p> <p>3 of 11</p>
<p>Insulation </p> <p>Describe <b>Cavity Wall Insulation</b> and explain how it works?</p>	<p>mrbakerssciencestuff.com</p> <p>4 of 11</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>Insulation </p> <p>Describe <b>Double Glazing</b> and explain how it works?</p>	<p>mrbakerssciencestuff.com</p> <p>5 of 11</p>
<p>Insulation </p> <p>Describe <b>Draught Excluders / Door Seals</b> and explain how it works?</p>	<p>mrbakerssciencestuff.com</p> <p>6 of 11</p>
<p>Insulation </p> <p>Describe what <b>Carpet</b> and explain how it works to insulate the house?</p>	<p>mrbakerssciencestuff.com</p> <p>7 of 11</p>
<p>Insulation </p> <p>Describe why <b>Foil</b> is put <b>behind radiators</b> and explain how it works?</p>	<p>mrbakerssciencestuff.com</p> <p>8 of 11</p>

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<p>Insulation </p> <p><b>What is a U-Value?</b> Describe how they show the effectiveness of an insulator.</p>	<p>mrbakerssciencestuff.com</p> <p>9 of 11</p>
<p>Insulation </p> <p><b>What is Payback Time?</b> Describe how you calculate it and how you can compare insulators using it.</p>	<p>mrbakerssciencestuff.com</p> <p>10 of 11</p>
<p>Insulation </p> <p>The cost of carpet is £500. The annual savings from installing it are £42 on heating bills. The cost of double glazing is £3000 and the annual savings are £300 on heating bills.</p> <p><b>Which insulation would you recommend the homeowner installs first? Explain why.</b></p>	<p>mrbakerssciencestuff.com</p> <p>11 of 11</p>

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