

CREDIT LEVEL	E L E M E N T	C O	M A R K
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<p>Question 4</p> <p>(d) Ways to save energy when heating the home</p> <ul style="list-style-type: none"> ◆ Use thick/lined curtains at the window <ul style="list-style-type: none"> + to save heat loss through the windows ◆ Put draught excluders round doors and windows <ul style="list-style-type: none"> + to prevent draughts so preventing heat loss and saving energy ◆ Install double glazed windows <ul style="list-style-type: none"> + to prevent heat loss, so saving on electricity ◆ Turn down thermostat by 1 or 2 degrees/reduce the heating <ul style="list-style-type: none"> + so that the house is not so hot, thus saving energy ◆ Wear a jumper or several layers of clothing to keep warm <ul style="list-style-type: none"> + so that the house doesn't need to be heated as much, thus saving energy ◆ Keep doors and windows closed <ul style="list-style-type: none"> + to retain the heat in the room and prevent heat loss so saving energy ◆ Use a timer on your heating so that rooms are only heated when required <ul style="list-style-type: none"> + so energy isn't wasted heating empty rooms/when no-one is at home ◆ Turn down heating on rooms not being used <ul style="list-style-type: none"> + so energy isn't wasted heating empty rooms/when no-one is at home ◆ Ensure house is well insulated with loft/cavity wall insulation <ul style="list-style-type: none"> + to retain heat and save energy ◆ Use draught excluders at bottom of door (sausage dog)/door curtain <ul style="list-style-type: none"> + to save heat escaping under door/drafts entering under/round door to save energy ◆ Lay thick carpets with underlay <ul style="list-style-type: none"> + to help save heat/prevent under floor draughts so reducing heating bills ◆ Block unused fireplaces (leave vent) <ul style="list-style-type: none"> + so that heat does not escape up the chimney, so reducing heat loss and saving energy ◆ If boiler is old/more than 15 years old it will be less efficient than a modern one <ul style="list-style-type: none"> + A new boiler will be more energy efficient so could save energy <p>1 mark for each of three actions to save energy</p> <p>+ 1 mark for each of three explanations why the action saves energy</p> <p>TOTAL: 6 marks</p>	<p>KU</p>	<p>1</p>	<p>6</p>
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