

## SEAI Junior Cycle Resources

This document sets out the **Home Economics** learning outcomes for each of the activities in the section **Heat Energy**.

<b>Heat Energy and Temperature</b>	
<b>Heat Transfer by Conduction</b>	<p><b>1.3</b> apply a range of cooking principles and techniques in the preparation of healthy individual and family meals incorporating budgetary considerations</p> <p><b>1.7</b> use available technology for food planning and preparation</p>
<b>Heat Transfer by Convection</b>	<p><b>1.3</b> apply a range of cooking principles and techniques in the preparation of healthy individual and family meals incorporating budgetary considerations</p> <p><b>1.7</b> use available technology for food planning and preparation</p>
<b>Heat Transfer by Radiation</b>	<p><b>1.3</b> apply a range of cooking principles and techniques in the preparation of healthy individual and family meals incorporating budgetary considerations</p> <p><b>1.7</b> use available technology for food planning and preparation</p>
<b>Solar Energy</b>	
<b>Retaining Heat Energy</b>	<p><b>2.4</b> discuss the requirements of a safe and nurturing home environment</p> <p><b>2.7</b> identify how individuals, families and households can contribute to sustainable and responsible living</p> <p><b>2.8</b> describe sustainable everyday practices in the home to include energy efficiency, waste management and water conservation</p> <p><b>2.9</b> explore the influence of technology on the management of personal, family and household resources</p>