

Australian Curriculum - Year 6

<p><u>Achievement standard extracts</u> Students describe and predict the effect of environmental changes on individual living things. Students follow procedures to develop investigable questions and design investigations into simple cause-and-effect relationships.</p>	<p><u>Content Descriptions</u> Science Understanding – Biological sciences The growth and survival of living things are affected by physical conditions of their environment (ACSSU094) Science Understanding – Chemical Science Changes to materials can be reversible or irreversible (ACSSU095) Science as a Human Endeavour – Use and influence of science Scientific knowledge is used to solve problems and inform personal and community decisions (ACSHE100) Processing and analysing data and information Construct and use a range of representations, including tables and graphs, to represent and describe observations, patterns or relationships in data using digital technologies as appropriate (AC SIS107)</p>	<p><u>Daradgee specific elaborations</u> <i>The growth and survival of living things are affected by physical conditions of their environment</i> - observe how the DEEC farm environment affects the growth and survival of farm animals - consider the effects of physical conditions eg. excessive heat reduces egg production, incubator temperature may influence gender <i>Changes to materials can be reversible or irreversible</i> - investigate irreversible changes such as composting and worm farming - explore how reversible changes can be used to recycle materials <i>Scientific knowledge is used to solve problems and inform personal and community decisions</i> - consider how personal and community choices can influence our practices relating to sustainability <i>Construct and use a range of representations, including tables and graphs, to represent and describe observations, patterns or relationships in data using digital technologies as appropriate</i> - use digital photography to represent and describe observations</p>
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