

Australian Curriculum - Year 6

<p><u>Achievement standard extracts</u> Students describe and predict the effect of environmental changes on individual living things. They 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 Inquiry Skills - Questioning and predicting With guidance, pose clarifying questions and make predictions about scientific investigations (AC SIS232) Science as a Human Endeavour - Nature and development of science Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena and reflects historical and cultural contributions (ACSHE098) Science Inquiry Skill - 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></p> <ul style="list-style-type: none"> - investigate how changes in the habitat and water quality affects the variety and dominance of BMI's - consider the relationship of the BMI's as habitat and water quality indicators <p><i>With guidance, pose clarifying questions and make predictions about scientific investigations</i></p> <ul style="list-style-type: none"> - use findings to predict possible outcomes due to reduced water quality, loss of habitat <p><i>Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena and reflects historical and cultural contributions</i></p> <ul style="list-style-type: none"> - gather and consider evidence of the BMI's, the habitat diversity and density and how it is an indicator of stream health - explain why the quality of the physical habitat effects the growth and survival of the BMI's <p><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></p> <ul style="list-style-type: none"> - use digital photography to represent and describe observations
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