

Fruit, Vegetable & Crop Farming

Main idea: Research fruit, vegetable and crop farming in pairs or groups. Focus on growth cycle.

Stage	Learning Experiences	Resources and Outcomes
ES1 & Stage 1	<ul style="list-style-type: none"> View 'Watch broad beans grow' and discuss the growth of roots and their function. Have students water, label and complete interactive quiz on 'Growing Plants', an on-line interactive game. Conduct a Scientific Investigation 'Grow a Potato' to observe over 8 weeks. View 'LandLearn Images' of a variety of crops to discover what common needs and special needs each has? With class, construct simple sentences to record findings and have students illustrate the facts. Complete 'Crops Find-a-Word'. 	<p>Watch broad beans roots grow –'Landlearn' Flickr 'Growing Plants' web site</p> <p>'Grow a Potato' activity</p> <p>'LandLearn Images' Flickr</p> <p>'Crops Find-a-Word' activity</p> <p>S&T:STe-4WS/STe-8NE, ST1-4WS/ST1-10LW ENG:EN3-4A, EN1-4A</p>
Stage 2	<ul style="list-style-type: none"> Read cropping, fruit & vegetable pages in 'JFH Activity Book' and students complete activities. View 'Cotton from Field to Fabric' and discuss growth cycle. Choose a different product to explain and illustrate its growth cycle. Research the 'Canning Process' and students create a flow chart showing the canning process of a product. Discuss how and why people use this technology. 'Kondinin Workboot Series' will assist research. Teacher reads 'Think About Vegetables' then questions students to check understanding of concepts and language before answering questions. 	<p>'JFH Activity Book'</p> <p>The Aust. Cotton Story 'Cotton from Field to Fabric' web site</p> <p>'Canning Process' web site</p> <p>'Kondinin Workboot Series' web site</p> <p>'Think About Vegetables' activity</p> <p>S&T: ST2-10LW/ST2-16P ENG: EN2-4A</p>

Stage	Learning Experiences	Resources and Outcomes
Stage 3	<ul style="list-style-type: none"> View 'Paddock to Plate - Sugar Cane' and 'Harvesting Wheat' before creating a series of diagrams with labels to explain their growth cycles. Research variety of crops, fruit & vegetables and choose one product to discover the time it takes to grow from a seed to the end product (seed to table). Present this information to your class. Research controlled environments e.g. hydroponics or greenhouses. Conduct a scientific investigation on controlled environments (water, chemicals and sunlight). Choose a fast growing plant e.g. basil or bean sprouts. Publish an Information Report to demonstrate their observations, including labelled diagrams and scientific language. 	<p>'Paddock to Plate – Sugar Cane' YouTube</p> <p>'Harvesting Wheat' YouTube</p> <p>S&T: ST3-4WS/ST3-11LW ENG: EN3-2A/EN3-3A</p>