

Links to the Australian Curriculum

Table 1: Aspects of the Australian Curriculum: Digital Technologies F–2 which may be addressed depending upon the task.

<p>Digital Technologies</p> <p>Achievement standard</p>	<p>By the end of Year 2, students identify how common digital systems (hardware and software) are used to meet specific purposes. They use digital systems to represent simple patterns in data in different ways.</p> <p>Students design solutions to simple problems using a sequence of steps and decisions. They collect familiar data and display them to convey meaning. They create and organise ideas and information using information systems and share information in safe online environments.</p>		
<p>Strands</p>	<p>Digital Technologies knowledge and understanding</p> <ul style="list-style-type: none"> Representation of data <p>Digital Technologies processes and production skills</p> <ul style="list-style-type: none"> Collecting, managing and analysing data 		
<p>Content descriptions</p>	<ul style="list-style-type: none"> Recognise and explore patterns in data and represent data as pictures, symbols and diagrams (ACTDIK002) Collect, explore and sort data, and use digital systems to present the data creatively* (ACTDIP003) <p>* If digital systems are not used only part of this content description is met.</p>		
<p>Key concepts</p>	<ul style="list-style-type: none"> data collection data representation data interpretation 	<p>Key ideas</p>	<p>Thinking in Technologies</p> <ul style="list-style-type: none"> computational thinking
<p>Cross-curriculum priorities</p>	<ul style="list-style-type: none"> Sustainability[†] <p>[†] if waste-free options are explored</p>	<p>General capabilities</p>	<ul style="list-style-type: none"> Information and Communication Technology (ICT) Capability Literacy Numeracy

Safety considerations: In implementing projects with a focus on food, care must be taken with regard to food safety and specific food allergies that may result in anaphylactic reactions. Some states and territories have their own specific guidelines that should be followed. For further information see: <https://www.australiancurriculum.edu.au/resources/curriculum-connections/portfolios/food-and-wellbeing/>

In what ways could a food-related data collection activity link to other subjects?

How could data collection and representation be integrated in Health and Physical Education, Mathematics or Design and Technologies?



Figure 3: Pizza school lunch – Laptop lunches for kindergarten bento box by Melissa CC BY 2.0 Source: <https://www.flickr.com/photos/buzzymelbee/8719314950>



Figure 4: A sandwich in a plastic bag

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