# **Curriculum focus**

Strand: Nature of Technology, level 3

Component: Characteristics of technology, level 3

Other learning areas integrated: Literacy: summarising, writing different sentence types

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| **Indicators** | **Activities** | **Questions** |
| * describe how particular technological outcomes have changed over time and identify if this resulted in changing how people do things | Try on clothing from the past and wash clothing using a washing board. | What differences do you notice in the clothing worn in colonial days compared with clothing today?  How has the change in clothing resulted in changing how people do things? |
| * describe examples to illustrate when technology has had a positive impact on society and/or the environment * describe examples to illustrate when technology has had a negative impact on society and/or the environment. | Research changes in bicycles over time.  Read “You can’t ride that” by Joy Graham Journal, year 5, part 3, number 3, P11–13  Research an appliance of your choice from the past (e.g. washing machine ) and create a conceptual design for an appliance for the future. | What has happened to the design of bicycles over time? What happened to the design of women's clothing when they began cycling? What did people say about their new outfits? What are the positive and negative aspects of bicycles and your chosen invention on society and/or the environment? Thinking about your chosen appliance – how did the changes in your appliance over time change how people do things? What are the positive impacts of these technologies on society and/or the environment? What are the negative impacts of these technologies on society/the environment? Who might use the appliance you have designed ? What are its attributes - both physical (what does it look like?) and functional (what does it do?) ? How might your invention change how people do things? |