

History & the future



Middens



A person pointing at layers of shells in a midden (human rubbish dump)

History & the future



Middens

How can middens teach us about what people ate and where their food came from in the past?

How do we know what is a midden and what is just a pile of shells that occurred naturally?

How have people's diets changed in New Zealand since the time of this midden?

Image source:

<http://www.learnz.org.nz>

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What story would our waste tell?



A worker at the landfill conducting a waste audit to see what is being thrown out

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What story would our waste tell?

What might someone in 500 years think if they uncovered the Kate Valley landfill?

What would our waste tell them about what we valued, what we ate and how we spent our time?

How might a waste audit be used to change people's behaviour?

Image source:

<http://www.learnz.org.nz>

History & the future



Land use – changing use over time in the area
(Tiromoana bush)



People enjoying a walking track through Tiromoana Bush



Wide shot of Kate Valley showing different aspects of the area

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Land use – changing use over time in the area
(Tiromoana bush)

How do you think the land was originally used by Māori? How could we find out?

How did the land change to European ownership?

How do you think the land should be used in the future? What can you do to support your vision?

Image source:

<http://www.learnz.org.nz>

History & the future

Land restoration



Kate Pond 2005 prior to restoration



Kate Pond 2019 showing the effects of the environmental restoration

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Land restoration



How did humans negatively affect biodiversity in Kate Valley?

How might humans restore biodiversity in Kate Valley?

What are the benefits of restoring the native flora and fauna in Kate Valley?

How could you restore an area near your school?

Image source:

<https://transwastecanterbury.co.nz/wp-content/uploads/2019/12/Tiromoana-Bush-photo-points-2004-2018.pdf>