

	<u>The things we use now - what's changed?</u>
Achievement Objective	<p>Nature of Technology - Characteristics of Technology - Level 2</p> <p><i>Understand that technology both reflects and changes society and the environment and increases people's capability.</i></p>
Learning Intention	I am learning...recognise and describe how technology has changed the way we do things.
Activity Instructions	<ol style="list-style-type: none"> 1. Have a broad range of images/objects that are both old and new. 2. Using these, students sort into pairs or groups 3. Using the template, teacher lead discussion initially about what it is. 4. Teacher moves discussion on to reasons why they think it was developed, and then how the object might have changed how we do things. 5. Teacher records first row. 6. Students in pairs / groups record second row about another pair of images. 7. Finally individually record own ideas.
Teacher Notes	<ul style="list-style-type: none"> • Need to source a range of like images / objects eg abacus / calculator, dust pan and shovel / vacumm cleaner. • This example used tools and machines as a way of exploring student ideas about a range of objects.

The Things We Use

	What is this used for?	Why do you think was this developed?	How has this changed how we do things?
Tool			
Machine			

Tool			
Machine			

Tool			
Machine			

The Things We Use (Now)

1. Match the objects in the pictures.
2. Talk about these objects in your group using the questions on this sheet.
3. Choose one outcome and in pairs record why you think it was made.
4. Individually complete the rest of the sheet for 2 different outcomes.

Possible Questions:

How many of these things (tools and machines) have you used before?

Some of these tools are 'hand tools' which rely on muscle power. Whose hands do you think they would have been designed for?

Some people would rather use a hand tool than a machine. Can you think why?
Does it depend on what they're doing?

Some of these machines use the same type of power. Do you know what it is?

Which machines make jobs quicker and easier?

Which make them cleaner?

Do any of the machines make jobs safer?