

The logo for Purple Mash, featuring the word "purple" in a purple font and "mash" in a white font, both on a black background that resembles a torn piece of paper.

**purple
mash**

Computing Scheme of Work Unit 1.9 –

Technology Outside School



Contents

Introduction	3
Medium-Term Plan	3
Lesson 1 – What is Technology?.....	4
Aim	4
Success criteria	4
Resources	4
Activities	4
Lesson 2 – Technology Outside School.....	5
Aim	5
Success Criteria	5
Resources	5
Activities	5
Assessment Guidance	9

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Introduction

This unit encourages the children to consider how technology is used outside of the school environment. To help do this, the children go on a walk around their local community.

Medium-Term Plan

Lesson	Title	Success Criteria
<u>1</u>	What is Technology?	<ul style="list-style-type: none">• Children understand what is meant by 'technology'.• Children have considered types of technology used in school and out of school.
<u>2</u>	Technology outside school.	<ul style="list-style-type: none">• Children have recorded 4 examples of where technology is used away from school.

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Lesson 1 – What is Technology?

Aim

- To find and understand examples of where technology is used in the local community.

Success criteria

- Children can understand what is meant by 'technology'.
- Children have considered types of technology used in school and out of school.

Resources

Unless otherwise stated, all resources can be found on the main unit 1.9 page. From here, click on the icon to set a resource as a 2Do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you do not lose this page.

- Camera to take pictures.
- Extension: Set [Technology Around Us Writing frame](#) as a 2Do for children.
- Optional homework sheet: [Technology at Home worksheet](#); print for children.

Activities

Introduction	Display slide 2 and outline the lesson aims. Display slide 3 and outline the success criteria.
What is meant by the term 'technology'?	Using slide 4 , ask children what they understand is meant by the term 'technology'. Discuss before clicking to reveal the Oxford English Dictionary definition.
Technology in the Classroom	Using slide 5 , ask children to look around the classroom and identify examples of technology. Click to reveal ideas.
Activity 1: Technology Walk	Use slide 6 to introduce the main activity of the lesson when the children will be going on a technology walk in the local community, identifying examples of technology outside. Ask children to take photographs.
Activity 1: Technology Walk Review	After going outside, children can share the photos they took or use slide 7 to discuss examples that they might have seen.
Activity 2: Extension	Use slide 8 to introduce an optional extension task activity. (You will need to set this as a 2Do in advance).
Review Success Criteria	Review the success criteria on slide 9 . Optional homework activity sheet found in the lesson plan.

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Lesson 2 – Technology Outside School

Aim

- To record examples of technology outside school.

Success Criteria

- Children can understand what is meant by 'technology'.
- Children can record examples of where technology is used away from school.

Resources

Unless otherwise stated, all resources can be found on the main unit 1.9 page. From here, click on the icon to set a resource as a 2Do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you do not lose this page.

- Before the lesson, you may want to collate some of the images taken last lesson into a slide show using **2Publish Plus** - [Slideshow Template](#).
- Alternatively, use the ready-made slide show – [Technology Uses](#).
- [Example of Tech - Worksheet](#)

Activities

Introduction	Display slide 2 and outline the lesson aims. Display slide 3 and outline the success criteria.
What is Technology?	Using slide 4 , ask children to recall some different examples of technology discussed in the last session.
Technology at Home	Use slide 5 to discuss examples of technology at home. If the children did the homework from the last session, allow some children to share their examples of technology found in their homes.
Activity 1: Technology Slideshow	Use slide 6 to look at pictures of technology outside. You can look through the photos taken last week or watch the slideshow provided.
Activity 2: Examples of Tech Worksheet	Introduce the worksheet activity using slide 7 . Children to draw and write, if appropriate, about four examples of technology they have seen outside of school.
Activity 3: Extension	Use slide 8 to introduce an optional extension task activity.

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Review Success Criteria	Review the success criteria on slide 9 .
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Technology at Home



Name _____

Look around your home and draw four ways in which technology is used.



Name _____

Here are four examples of technology outside of school:

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Assessment Guidance

The unit overview for year 1 contains details of national curricula mapped to the Purple Mash Units. The following information is an exemplar of what a child at an expected level would be able to demonstrate when completing this unit with additional exemplars to demonstrate how this would vary for a child with emerging or exceeding achievements.

Assessment Guidance	
Emerging	With support, children understand what is meant by technology and can identify a limited number of examples both in and out of school. Children record this using (Unit 1.9 Lesson 1. Worksheet 1) & (Unit 1.9 Lesson 2. Worksheet 1).
Expected	<p>Children understand what is meant by technology and can identify a variety of examples both in and out of school. Children record this using (Unit 1.9 Lesson 1. Worksheet 1) & (Unit 1.9 Lesson 2. Worksheet 1).</p> <p>Children' discussion shows that they have a good understanding about the technological devices in use in their daily lives and how some of these facilitate communication of a variety of formats.</p> <p>Children can explain at a basic level that we should treat others politely regardless of the means of communication. Children can compare the speed and ease of technology to non-technological actions e.g., e-mail, buying an app or painting on screen.</p>
Exceeding	Children understand what is meant by technology and can identify a variety of examples both in and out of school. They can explain why a certain technology has been chosen as a solution to a specific problem. Children record this using (Unit 1.9 Lesson 1. Worksheet 1) & (Unit 1.9 Lesson 2. Worksheet 1).

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