



Computing

Scheme of Work

Unit 1.9 – Technology outside School



Year Group: 1
Number of
Lessons: 2



From **2**simple



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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	Aims	Success Criteria
<u>1</u>	To walk around the local community and find examples of where technology is used.	<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>	To record examples of technology outside school.	<ul style="list-style-type: none"> • Children have recorded 4 examples of where technology is used away from school.



Lesson 1 – What Is Technology?

Aims

- To walk around the local community and find examples of where technology is used.

Success criteria

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

Resources

- Camera to take pictures.

Activities

For the lesson, you will need to define to the children what is meant by the term ‘technology’. According to the *Oxford English Dictionary*, technology is ‘the application of scientific knowledge for practical purposes, especially in industry’.

1. Share the learning objectives and success criteria with the children.
2. Ask them what is meant by the term ‘technology’. Explain to them what it is.
3. Look around the classroom. What examples of technology can they see? Examples may include:
 - calculator
 - computer
 - whiteboard/screen
 - telephone.
4. In small groups, take the children into the local community and see what examples of technology they can identify. As the children notice examples, take pictures.
5. As an extension, the children could then continue the activity at home and draw pictures of where they have found technology. ([Lesson 1 – Worksheet 1](#))



Lesson 2 – Technology outside School

Aims

- To record examples of technology outside school.

Success criteria

- Children have recorded 4 examples of where technology is used away from school.

Resources

Unless otherwise stated, all resources can be found on the [unit main page](#). From here, they can be set as 2dos by clicking on the icon. To preview resources linked to here, right-click and 'open in new tab' so you don't navigate away from 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](#).

Activities

1. Share the learning objectives and success criteria. Recap the learning from the last lesson.
2. If appropriate, ask the children to show their homework. This could be put on display prior to the lesson.
3. Show the slide show of pictures; either the one created using pictures taken by the children on their tour, or the pre-made one. Ask the children what uses of technology they can see.
4. The children complete [Lesson 2 – Worksheet 1 – Technology outside school](#).



Technology at home





Name _____

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

Name _____



I went for a walk to look at how technology is used outside school. Here are four things I saw:





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’s 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).