

EYFS Scheme of Learning: Computing

EYFS – Photography

Procedural Knowledge	Tinkering • Investigate through play • Ask questions why and how? • Share their learning both teachers and children.
	Creating • Create new projects • Invest care in their work • Think about how it might be improved • Purposefully using the technology

Lesson 1	
Learning Objective	To be able to look at photos and identify features.
Declarative Knowledge	• To know how to use the photo slideshows in Mini Mash.
Key Vocabulary	Camera, photos, mini mash.

Lesson 2	
Learning Objective	To be able to take photos using a device.
Declarative Knowledge	• To know how to take pictures using iPads.
Key Vocabulary	Photo, iPad, take photo, camera.

Lesson 3	
Learning Objective	To be able to use the webcam in Mini Mash.
Declarative Knowledge	• To know how to use the Mashcams in Mini Mash to add selfie images.
Key Vocabulary	Photo, mini mash, selfie, camera.

Lesson 4	
Learning Objective	To be able to open photos in Purple Mash.
Declarative Knowledge	To know how to open photos in Purple Mash.
Key Vocabulary	Photo, purple mash, open.

Lesson 5	
Learning Objective	To be able to use own photos in work on a digital device.
Declarative Knowledge	To know how to take photos of places around the school.
Key Vocabulary	Photo, digital, digital device.

EYFS - Technology Around Us

Procedural Knowledge	Tinkering Investigate through play
	Persevering - Develop patience - Develop independence
	Collaborating - Develop turn taking - Sharing resources

Lesson 1

Learning Objective	To know the technology used in the home.
Declarative Knowledge	To know what technology is used at home.
Key Vocabulary	Toy microwave, oven, hob, timer, music players, tv, cameras, clocks, magnifying mirror, scales, DIY tools, phones.

Lesson 2

Learning Objective	To be able to identify how technology is used outdoors.
Declarative Knowledge	To know how technology is used outdoors.
Key Vocabulary	Traffic lights, walkie talkies, toy petrol pump, metal detectors, torches, construction site tools, magnifying glass, binoculars, cameras.

Lesson 3

Learning Objective	To be able to identify technology used in the wider world.
Declarative Knowledge	To know that different technology exists.
Key Vocabulary	Toy shopping till, calculator, phone, barcode reader, QR codes, toy vehicles, spacecraft, doctors set.

EYFS – Hardware

Procedural Knowledge	Tinkering • Ask questions why and how? • Share their learning both teachers and children.
	Collaborating • Develop turn taking. • Sharing resources.

Lesson 1

Learning Objective	To be able to identify electrical safety as important.
Declarative Knowledge	• To know why I need to take care with electronic devices and their plugs and wires.
Key Vocabulary	Wires, plugs, safe, hazard.

Lesson 2

Learning Objective	To know safe ways to transport portable devices.
Declarative Knowledge	• To know how to carry a device to a different location.
Key Vocabulary	Safe, walking, moving, transport, portable, wires, devices.

Lesson 3

Learning Objective	To be able to relate being gentle and sharing to the use of devices.
Declarative Knowledge	• To know how to use devices with care.
Key Vocabulary	Care, careful, safe, gentle, sharing.

Lesson 4

Learning Objective	To be able to understand what technology is.
Declarative Knowledge	• To know the technology used around me.
Key Vocabulary	Technology, iPads, phones, tablets, computers, laptops.

Lesson 5

Learning Objective	To be able to identify the main parts of a computer.
Declarative Knowledge	• To know the parts of a computer and what they are for.
Key Vocabulary	Computer, parts, screen, mouse, keyboard, tower, internet cable.