Computing 22-23

Computing systems and networks- technology around us

Remember when: ipad – selfie, ipad - draw	Key vocabulary
By the end of the unit children must be able to: I can explain technology as something that helps us I can locate examples of technology in the classroom I can name the main parts of a computer I know what a keyboard is and I can type my name on a computer I can identify rules to keep us safe and healthy when we are using technology in and beyond the home	Technology Computer, mouse, trackpad, keyboard, screen Computer, mouse, trackpad, double-click typing

National curriculum:
- Recognise common uses of information technology beyond school
- Use technology purposefully to create, organise, store, manipulate, and retrieve digital content
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Software/ Overview

As this is a Year 1 unit, no prior knowledge is assumed. This unit progresses students' knowledge and understanding of technology and how they interact with it in school. Learners will build their knowledge of parts of a computer and develop the basic skills needed to effectively use a computer keyboard and mouse

Title / Focus	Lesson outline
Lesson 1 Technology around us LO- To identify technology SK- I can explain technology as something that helps us I can locate examples of technology in the classroom	Learners will become familiar with the term 'technology'. They will classify what is and what is not technology in their school and/or classroom. Learners will demonstrate their understanding of how technology helps us in different ways.
Lesson 2 Using technology LO- To identify a computer and its main parts SK- I can name the main parts of a computer	Learners will get to know the main parts of a desktop or laptop computer. They will practise turning on and logging in to a computer. The learners will apply their knowledge of the different parts of a computer, to complete a mouse-based task.
Lesson 3 LO- Developing mouse skills SK- I can use a mouse to open a program I can click and drag to make objects on a screen	Learners will be building on the mouse skills they were introduced to in Lesson 2. Learners will review images of a computer to explain what each part does. They will develop an understanding that different computers use different mice, but they perform the same function. They will use the mouse to open a program and create a simple picture.
Lesson 4 LO- Using a computer keyboard SK- I know what a keyboard is and I can type my name on a computer	Learners will begin to use the computer keyboard for a purpose. They should understand that writing on a keyboard is called typing and will begin to demonstrate their ability to write their name. Learners will then save their work using the save icon and understand that this icon is used in lots of different programs.
Lesson 5 Using a computer responsibly LO- To create rules for using technology responsibly SK- I can identify rules to keep us safe and healthy when we are using technology in and beyond the home	Learners will be introduced to the concept of using computers safely, within the context of a school setting. They will explore why we have rules in school and how those rules help us, and then apply this understanding to rules needed for using computer technology safely.

Working towards	End of Unit Assessment Working at Age related expectations	Working at a greater depth