Computer Skills: Switch on and Shutdown

Aim:	Success Criteria:	Resources:
Use technology safely and respectfully. Children will learn to turn on and shutdown computing equipment safely.	I can name the main components of a computer.	**Lesson Pack**
	I can explain the differences between switching and logging on and off.	Desktop computers/laptops
I can switch on and shutdown a computer.		Sticky notes
	Key/New Words: Monitor, display, keyboard, mouse, trackpad, system unit, headphones, switch.	**Preparation:** None needed

Prior Learning: Children will have learnt to use a mouse or a trackpad in lesson 1.

Learning Sequence

|		
	The Desktop Computer/The Laptop: What are the main components of a desktop computer and laptop? Show *(using real components as well as the* **Lesson Presentation***)* the children the components. *(Computer is used as a collective term for the whole set of components. The monitor, the physical unit, is distinguished from the display/screen, the part that displays the image. The system unit in a desktop is the box with the processing parts of the computer. Other names are sometimes used.)*	
	Label It: Children are given some sticky notes to label the main components of the computers they will use: monitor, display, keyboard, mouse, trackpad, system unit, headphones and switch.	
	Switch On: Demonstrate how to turn on the computers the children will use. *(With a desktop it is useful to turn the monitor on first, in case the system unit is already on.)* Point out any relevant power lights indicating something is on or off. **Log On:** Demonstrate how to log on. Ensure children use 'tab' and 'enter' when logging on so they don't move hands back and forth from mouse to keyboard. **Log Off:** Demonstrate log off. *(Depending on how the network in school is set up it may be possible to log off using 'ctrl' + 'alt' + 'del' then 'enter'. It depends on the options given after 'ctrl' + 'alt' + 'del'. For some users this process would lock the computer rather than log off.)*	
	Log On and Log Off: Children practise switching on *(once)*, logging on and logging off.	
	Shut Down: Demonstrate how to shut down and ensure children know the procedure for finishing a lesson.	
	At the End of the Lesson... Children should leave the computers as they are expected at the end of every lesson. *(It is possible to edit the lesson presentation to list the required routine).*	

Task*it*
> **Switch***it***:** Give certain children the job of switching on classroom computers.
> **Challenge***it***:** Use the   for extension activities.
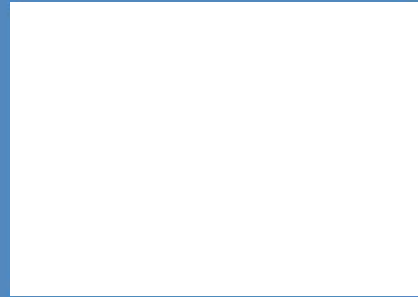
Computing

Computer Skills

Switch On and Shut Down

Aim

- I can switch on and shutdown a computer.

Success Criteria

- I can name the main components of a computer.

- I can explain the differences between switching on and off and logging on and off.

The Desktop Computer

What are the main parts of a desktop computer called?
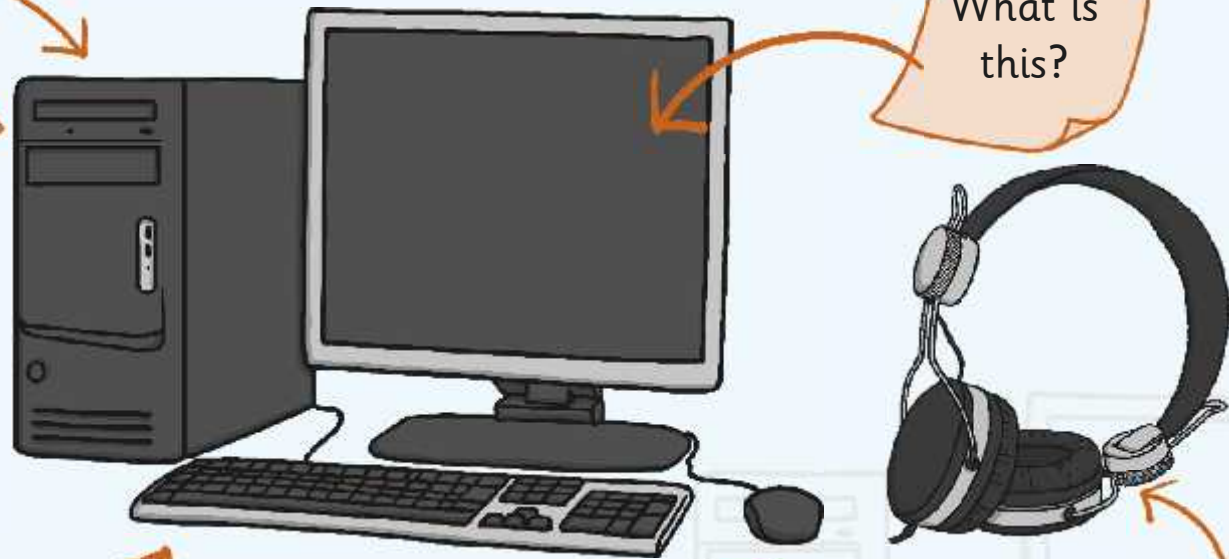
What is this?

What is this?

What is this?

What is this?

What is this?

The Desktop Computer

What are the main parts of a desktop computer called?

computer system unit

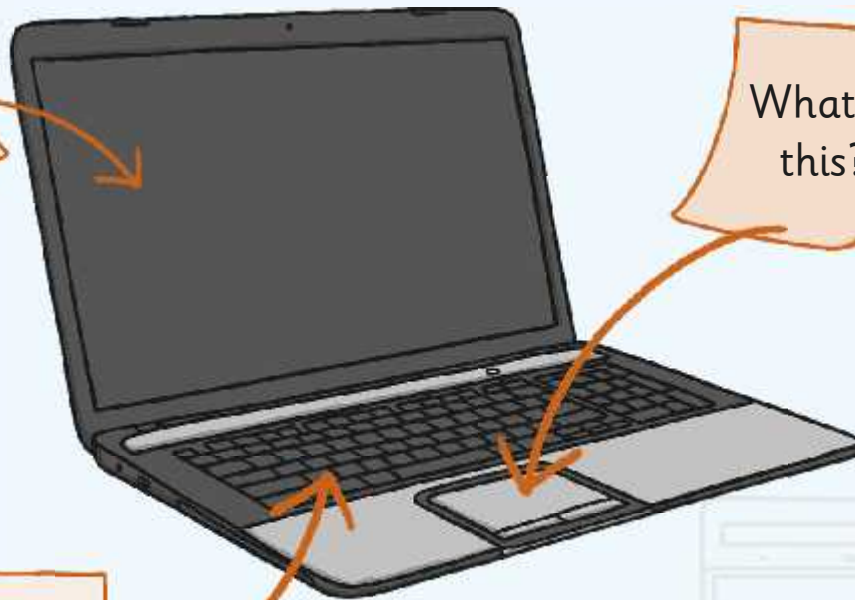monitor with display or screen

keyboard

mouse

headphones

The Laptop

What are the main parts of a laptop called?

What is this?

What is this?

What is this?
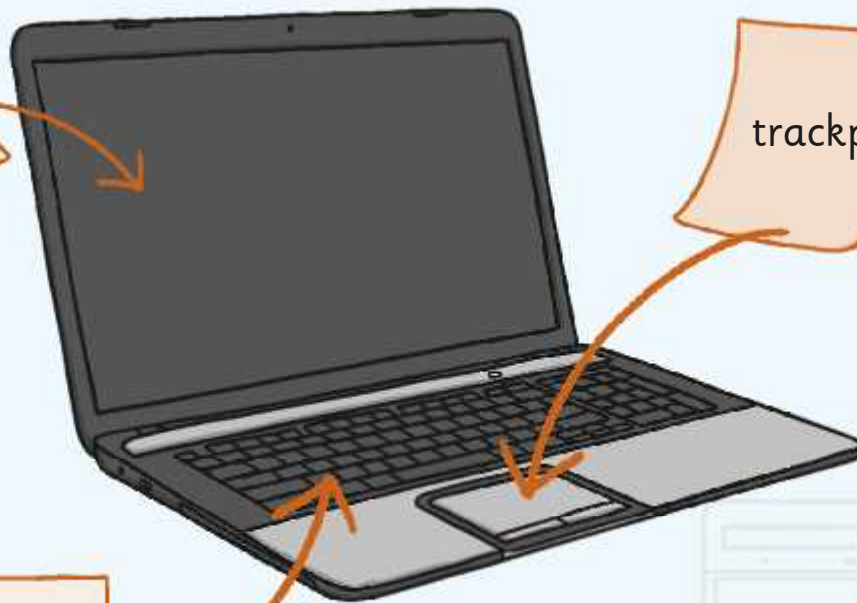
What is this?

The Laptop

What are the main parts of a laptop called?

Display
or screen

trackpad

keyboard

headphones

Label It

Using sticky notes, label the main components of your computer.
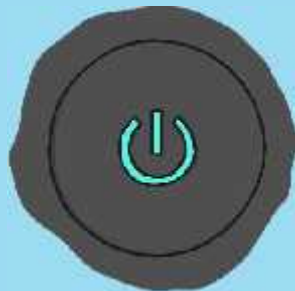
monitor

display

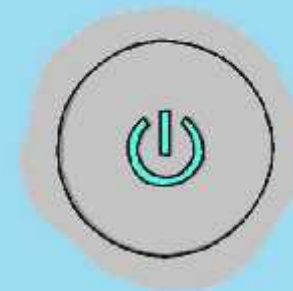keyboard

mouse

trackpad

headphones

system unit

switch

Switch On

1: Switch the monitor on first.

2: Then, switch on the computer system unit.

Log On

User Name

Password

Remember to log on without using the mouse.

Press CTRL + ALT + DELETE to log on

At this screen hold down 'ctrl' + 'alt' and 'del'.

Type user name.

User Name

Password

Press <tab>

Type password.

Owen

Password

Press <enter>

Enter
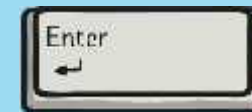
Log Off

At the end of the session log off.

XPS Viewer

Windows Fax and Scan

▶ All Programs

Search programs and files 🔍

Default Program

Help and Suppo

Shut down ▶

Switch user
Log off
Lock
Restart
Sleep
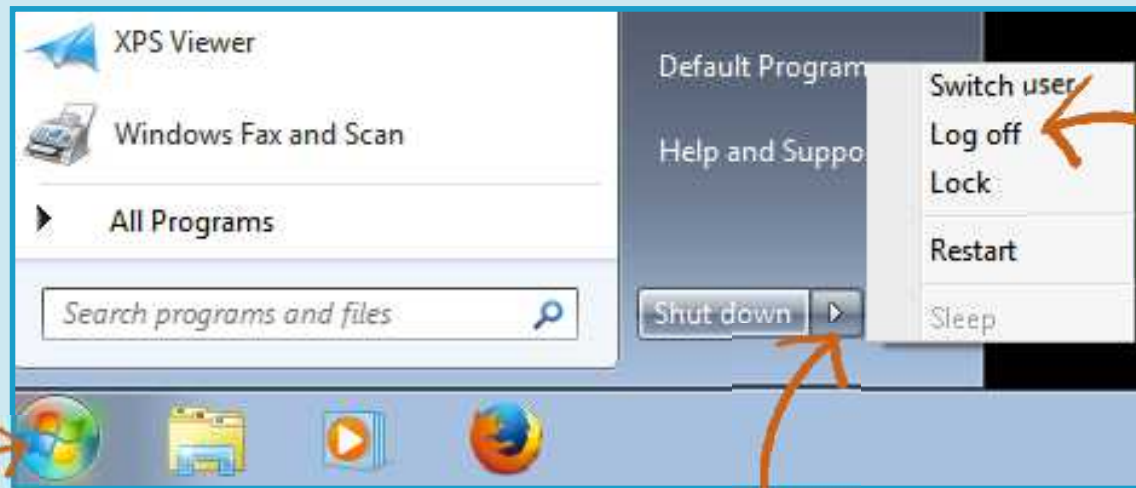
3. Click 'Log Off'.

1. Click the start button.

2. Click the arrow next to shutdown.

Logging On and Off

Switch on your computer.

Practise logging on and logging off.

User Name

Password

Ctrl   Alt   Delete
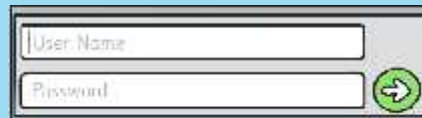
Don't use the mouse or trackpad.
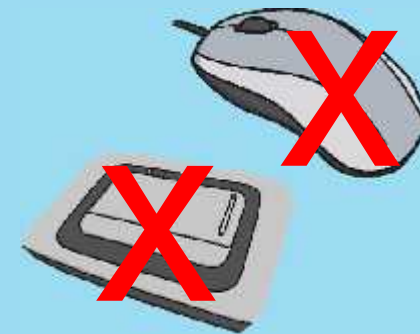
Shut Down

We almost never turn a computer off with the power button.

Search programs and files
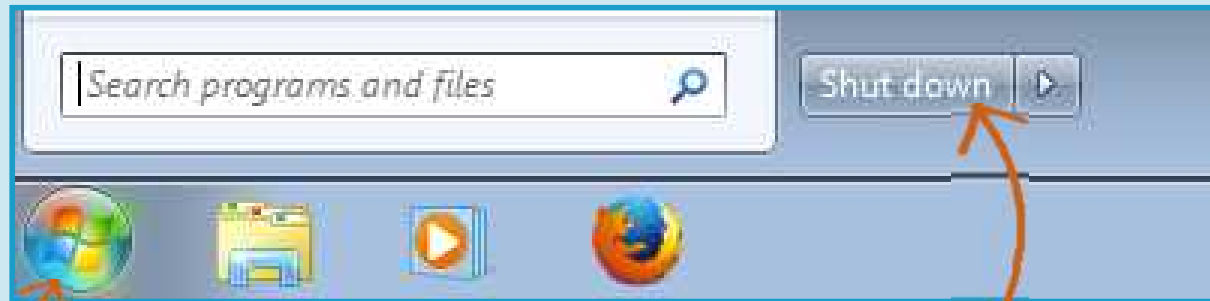
Shut down

Click the arrow
next to shutdown.

Click the start button.

At the End of a Lesson…

Aim

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User Name

Computer Skills | Switch on and Shutdown

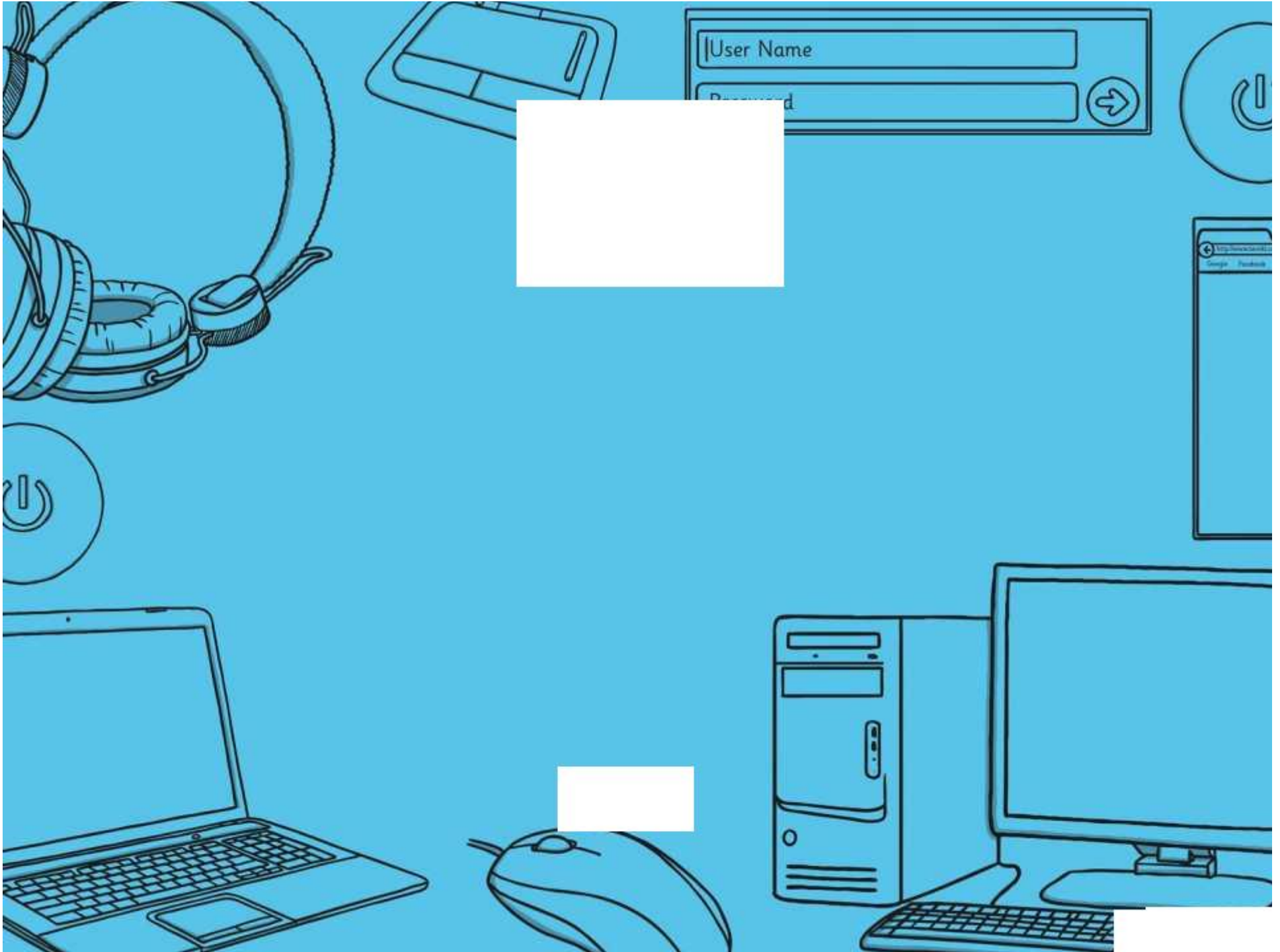|		
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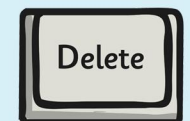Switch on and Shut down

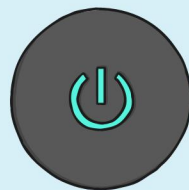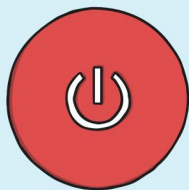Computer Skills
Switch on and Shut down

Draw a picture of your classroom computer and write down the names of the main components.

Practise logging on and off without using the mouse.

Ctrl

Delete

Find the power switches on different computer system units and monitors and draw them.

Draw a picture of your classroom computer and write down the names of the main components.
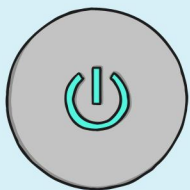
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