NC subject: ICT  Date: |
Class/Group: KS4  Room: |
Lesson time: These activities will take more than one lesson!  Lesson in series: 1 2 3 4 5 6 7 8

Lesson plan - Parts of a computer

Planning

Learning objectives:

- To recall names for parts of a computer system
- To design a poster to demonstrate this knowledge
- To choose an appropriate application to produce a final draft of the design

Starter activities:

- Discuss names for the various parts of a computer system: mouse, keyboard, computer/CPU, monitor/screen, etc…
- Use worksheet 1 to record this work

Main activities:

- Discuss the idea of a computer network and introduce vocabulary: workstation, server, terminal, network printer. Complete w/sheet 1
- Peripherals – printer, camera, scanner, headphones – are INPUT or OUTPUT devices. Discuss what that means and identify on w/sheet 1 and then w/sheet 2.
- Removable storage – additional ideas can be added to w/sheet 3. eg: pen drives or USB data sticks. Complete w/sheet 3.
- Reinforcement activity: see crossword. Use either worksheet or online activity at www.priory.suffolk.sch.uk/activities/ict/partsofcomputer/ictnames1.html
- Design poster using w/sheet 4 to plan. Use previous w/sheets for name labels. Ensure that all labels are spelt correctly.
- When design is complete choose an appropriate application to reproduce design.

Plenary:

- Discuss appropriate applications and design ideas (using whole page, appropriate images and labels, etc)
- Discuss ways of making it even better.

Expected student performance

Most students:

- Use appropriate names for the main parts of a computer system

Some (less able) students:

- Recall and use appropriate names for the parts of a computer system and the peripheral commonly used.

Some (More able) students:

- Identify parts of a computer system and note whether an input or output device.

Teaching support:

Focus on less able to reinforce labels of parts of a computer system

Resources/ICT:

Worksheets 1-4
Access to crossword
Applications for poster

Key vocabulary:

See activities and w/sheets