

Unit 6A Multimedia presentation

- I can record sound using a microphone attached to the computer.
- I can use a sound file on the computer.
- I can put a button on a multimedia page to play a sound.
- I can use a multimedia program to produce a page including text pictures and sound.

- I make a series of multimedia pages.
- I can put buttons on multimedia pages to link to other pages.
- The layout of my pages is well organized (for example any repeated buttons are in the same place on each page; the layout is clear; emphasis – colour, bold text, italics, etc. – is used sensibly).

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- When I make a set of linked multimedia pages I make sure that the information matches the audience that the pages are designed for.
- I provide a range of links on my pages so that the user has a variety of options (for example, they can explore the pages in the order that they choose; they can access a page with detailed information or one with simple information.)

The software and ICT equipment I used in this topic was:

My favourite piece of work in this topic was:

I liked it because:

The most useful thing I learned was:

Unit 6B Spreadsheet modelling

I can enter data and formulas into the right cells of a spreadsheet.

I can use the spreadsheet to find totals of a set of numbers.

I know that spreadsheets can be used to explore mathematical models and to test ideas.

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I can change formulas in a spreadsheet.

I can copy formulas into new cells.

I can produce graphs from a spreadsheet.

I can change the numbers in a spreadsheet to answer “what if...” questions.

I can make predictions and test them using a spreadsheet.

The software and ICT equipment I used in this topic was:

My favourite piece of work in this topic was:

I liked it because:

The most useful thing I learned was:

Unit 6C Control and monitoring – What happens when...?

- I can attach an input device to the control box on a computer.
- I can write simple procedures although I usually find it hard to get them to work first time and often need help to make them work properly.

- I can write simple procedures which use an input device (a sensor) to control the output devices (lights and/or buzzers).
- I can make changes to my procedures to make them work properly although I sometimes need help to make my program work.
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- I can write procedures which link together to control several output devices using two input devices.
- I can make my procedures work myself, without needing any help.
- When I am writing new procedures, I remember sequences of instructions that I have used before and I adapt these to help me write the new program quickly.
- I can talk about the ways in which my system (inputs, control program, outputs) works well and explain the weaknesses of the system.

The software and ICT equipment I used in this topic was:

My favourite piece of work in this topic was:

I liked it because:

The most useful thing I learned was:

Unit 6D Using the internet to search large databases and to interpret information

- I can search the internet to find the information that I need.
- I can use the “favourites” list and links (hyperlinks) on a web page to follow an idea on the internet and go to other relevant sites.
- I can copy text and pictures from a page on the internet and insert it into a word processor.
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- When I search the internet, I phrase my question carefully/choose my search terms (key-words) carefully so that the links I get are likely to be relevant to my enquiry.
- I can skim the list of web sites that a search engine produces, and follow the links to sites which seem most relevant to my enquiry.
- I can skim read the web pages I have chosen to check them for relevance to my enquiry.
- I can use copy and paste to help me re-present the information I have found for my chosen audience.
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- I can use advanced features of search engines (including NOT and OR operators) to narrow down my searches of the internet.
- I know that it is important to check information that I download with other internet or library resources before I use it in my own work.
- I know that information on the internet may be written to express one point of view and that it is important to check for bias before using information in my own work.

The software and ICT equipment I used in this topic was:

My favourite piece of work in this topic was:

I liked it because:

The most useful thing I learned was:
