













Quick View

There are 4 parts to this lesson:

1	Introduction: Designing a web site	 
2	Site structure	  
3	Planning the site content	    
4	Plenary: Lesson review showing examples of planning	 
	Homework: Preparing text for the web site	

Delivery

1. Introduction: Designing a web site

Some of the points about the design of web sites will have been covered in lesson 1.

Pupils will be asked to follow a suggested design for their web site although the elements, navigation and content will be their decision. Some pupils may benefit from more direction at this stage whilst others should be given greater freedom.

Explain that this lesson will require them to:

- Plan the structure of their site
- List the resources necessary to build it

Show pupils the language cards **language3** for this lesson.

2. Site structure

Although pupils may be following a suggested structure it is important that they understand how this is done.

There is a **handout3a** to help pupils understand the task.

Show pupils the presentation about site structure, there are **notes3a** to accompany it.

Group activity

Show **presentation3a** on a large screen

Individual

Pupils access this from **activity 3 / start**

3. Planning the site content

Pupils now need to plan their own web site structure and list the resources that they will require to build it. This may include:

- Navigation buttons / images - taken from the Internet or created themselves
- Images, photographs, animations
- Text
- Sound
- Other web pages that they wish to link to

Explain that during activity 5, 6 and 7 they will be shown the skills to create their site and these will include special effects e.g. the use of Javascript. They will be able to adapt their pages at a later date should they wish to.

Give out **worksheet3b** - this explains the task in more detail.

There is also a **handout3b** - web design tips

4. Plenary: Lesson review showing examples of planning

Use this time to share examples of pupils' work especially if it contains elements that are different to the rest of the class.

Develop this by:

- Pointing out any common mistakes or problems
- Discussing elements that may not work with the school system due to administrator access rights
- Reminding pupils about Internet copyright

Homework:

Hand out **homework3**.

The homework asks pupils to prepare the text that their web site may need. This may either be in paper format or electronic, allowing copy and paste at a later date.

You may feel it appropriate to provide the homework sheet in electronic format for those pupils with computer access at home. Consideration should then be given to:

- How they would return the work and the style - electronic or printed
- Virus protection
- Authenticity of the work

Objectives

Finding Information, Developing Ideas & Communicating

Pupils should be able to:

- Recognise how the content and style of information can influence the message it gives and that data can be distorted and misused.
- Save files in appropriate formats and create a hierarchical folder structure.
- Identify the key elements of a problem and represent components in a plan.
- Plan communication projects and select the appropriate communication (type, length, media) for the intended audience (considering audience needs and expectations), purpose and environment.
- Draft, refine and structure their work using a combination of ICT tools to convey meaning more effectively.

Pupils should be taught to:

- Understand the need to plan a web site.
- Know how to create a schematic view of a web site.
- Plan the resources required and know where to find them.
- Use a sound naming convention for their pages

Preparation

Have you:

- Identified the key elements of this lesson.
- Copied any worksheets or homework sheets.
- Understood the school ICT policy in the areas that may affect this lesson.
- Thought about the seating arrangements for any large group demonstration.
- Checked that the whiteboard or large screen has been set up.
- Prepared any work that teaching assistants may require.
- Practised the skills required that need demonstrating.
- Prepared any key word displays.

Required IT skills for this lesson: Demonstrations are available in the unit

Using a large screen / whiteboard

Using Microsoft PowerPoint to show a presentation

Differentiation & Extension

Consider the following for some pupils:

- Examples of web site structures that would be suitable for this unit.
- Suitable schematic views for this unit.
- Wall display describing suitable formats for web resources, e.g. the difference between GIFs and JPEGs.
- If available some pupils may wish to use the computer to create their web site plan either using drawing tools within Microsoft Word or by using a dedicated mapping program.

The following resources are available to pupils. Printable versions are available by accessing the 'all resources' within each lesson. These may be useful for reinforcement, extension or general support:

- 2 Wordsets with audio support
- 2 Wordsearch activities
- 2 Interactive crosswords

Homework & Language

Homework:

Hand out **homework3**.

The homework asks pupils to prepare the text that their web site may need. This may either be in paper format or electronic, allowing copy and paste at a later date.

You may feel it appropriate to provide the homework sheet in electronic format for those pupils with computer access at home. Consideration should then be given to:

- How they would return the work and the style - electronic or printed
- Virus protection
- Authenticity of the work

Language for learning:

structure

hierarchy

case sensitive

Resources

For this lesson:

You will need:

- Large screen display or whiteboard
- Access for pupils to **Unit 8.2 > Activity 3**
- Paper, software to allow onscreen planning / design, e.g. mind mapping software

Teacher Resources:

These are accessed by opening the **Teacher Resources File** on the CD (or network).



By default, the teacher PowerPoint resources are linked to Microsoft 2000 files although Microsoft '97 and HTML versions are also available from within the resources folder. Pupils will access a PowerPoint Show.

Resource Description	Filename	Format
Language Cards	language3	Word PDF
Presentation on Web Site Structure	presentation3a	PowerPoint
Notes on presentation	notes3a	Word PDF
Handout on task requirements	handout3a	Word PDF
Worksheet on task and structure	worksheet3b	Word PDF
Handout on Web Design Tips	handout3b	Word PDF
Activity sheet	task3	Word PDF
Summary sheet	summary3	Word PDF
Homework sheet	homework3	Word PDF

Pupil Resources:

These are accessed by opening the **Pupil Resources File** on the CD (or network).

Resource Description	Filename	Format
Pupil activity sheet	task3	Word PDF
Summary sheet	summary3	Word PDF
Handout on task requirements	handout3a	Word PDF
Worksheet on task and structure	worksheet3b	Word PDF
Handout on Web Design Tips	handout3b	Word PDF
Homework sheet	homework3	Word PDF