













Quick View

There are 3 parts to this lesson:

1	Introduction: Suitable resources for the web	  
2	Creating & collecting resources for the web site	      
3	Plenary: Lesson review	 
	Homework: Web safe colours	

Delivery

1. Introduction: Suitable resources for the web

Pupils should understand that not all resources are suitable for use on web sites.

- Video clips and sound files are large and can take a long time to download.
- Some graphic formats are larger than others.
- Some graphics only need to be in a lower resolution.
- Some resources require 'browser plug-ins' to work.

Give out **handout4a** - this summarises the points above.

Show pupils the language cards **language4** for this lesson.

2. Creating & collecting resources for the web site

Prior to collecting the resources, pupils should create the necessary folder structure that they designed last lesson.

You may wish to provide an electronic means for pupils to record resources & information which could be shared digitally during the plenary session. This could be placed in a shared area for this unit of work or pupils could e mail resources / links to a central area.

Remind pupils about consistent and appropriate file / folder names.

Pupil should now use the Internet and other methods, e.g. scanners and digital cameras, to collect the necessary resources.

IMPORTANT

- Remind pupils that they should keep to their prepared list
- Save the resources in the correct area of their web site structure
- Rename the resources to something meaningful

Some resources may need adapting, e.g. editing the way an image looks or resaving it in a different format.

Some pupils may prefer to create their own resources from scratch using a suitable graphics program.

3. Plenary: Lesson review

Some pupils may need this time to complete the activity, otherwise use it to review what they have learnt, in particular:

- Suitable resources for the web
- Graphic formats

Ask a pupil to act as scribe for any interesting web sites that pupils have used to collect resources.

Homework:

Give out **homework4** this asks pupils to complete the hexadecimal code for web safe colours.

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 & Evaluating

Pupils should be able to:

- Use information from primary or secondary sources and know when to choose the different types.
- Select information from a range of sources and assess the potential value of the information for a task.
- Save files in appropriate formats and create a hierarchical folder structure.
- Automate simple processes by harnessing software tools; recognise where automation tools, such as filtering, can be used to improve safety when using the internet.
- Reflect on the work of others to help plan and amend their communications and understand how effective presentations or publications address specific audience needs and expectations.
- Modify and develop text, images, tables and sounds from several sources within the structure of a piece of work.
- Extract, combine and modify relevant information for a specific purpose, and structure and sequence this to meet audience needs.
- Use a range of ICT tools efficiently to refine the presentation of information for a specific purpose.
- Select appropriate methods of exchanging digital information and recognise that the format affects the method of exchange.
- Use digital communications for the sharing and collaborative development of ideas for a variety of purposes.
- Work in a safe and responsible way when communicating with others.
- Gather and use feedback to inform future work.

Pupils should be taught to:

- Identify various types of graphic formats.
- Understand which type of graphic is most suitable for a particular application.
- Search for resources using a range of sources.
- Adapt existing graphics to suit their own needs (copyright permitting).

Preparation

Have you:

- Identified the key elements of this lesson
- 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 extra work to be used for differentiation
- Prepared any work that teaching assistants may require
- Checked that pupils have access to suitable graphics editing software
- Practised the skills required that need demonstrating
- Prepared any key word displays

Required IT skills for this lesson:

Using a large screen / whiteboard

Using the Internet to gather resources, text images, etc

Editing graphics using appropriate graphics software

Differentiation & Extension

Consider the following for some pupils:

- A collection of suitable resources available on the school system
- Handouts showing how to make simple changes to existing graphics using the school graphics software
- Wall display showing where each resource should be placed within the web site structure
- Opportunities for pupils to create their own resources, e.g. sound files and video.
- Help to convert / compress large files for use on the web

The following resources are available to pupils. Printable versions can be accessed in the 'all resources' within each lesson and are useful for reinforcement, extension or general support.

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

Homework & Language

Homework:

Give out **homework4** - this asks pupils to complete the hexadecimal code for web safe colours.

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:

search engine
graphics

URL
animation

download
background

Resources

For this lesson:

You will need

- Large screen display or whiteboard
- Access for pupils to **Unit 7.5 > Activity 4**
- Headphones / speakers
- Internet access
- In-house resources, cds, etc.

Teacher Resources:

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

Resource Description	Filename	Format
Language Cards	language4	Word PDF
Handout on gathering suitable resources	handout4a	Word PDF
Activity Sheet	task4	Word PDF
Summary sheet	summary4	Word PDF
Homework sheet	homework4	Word PDF
Activity answer sheet	act4answers	Word PDF

Pupil Resources:

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

Resource Description	Filename	Format
Handout on gathering suitable resources	handout4a	Word PDF
Activity Sheet	task4	Word PDF
Summary sheet	summary4	Word PDF
Homework sheet	homework4	Word PDF