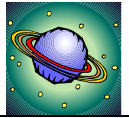


# OPPORTUNITIES FOR INTEGRATING ICT - SPACE



## Level D

	ICT STRANDS	SPECIFIC SKILLS	CURRICULAR LINKS
Creating and Presenting	<ul style="list-style-type: none"> <li>Create and edit a document using more advance text-handling features</li> <li>Create a document using a range of drawing/painting facilities</li> <li>Create a more sophisticated slide show/presentation or web pages with teacher support</li> </ul>	<ul style="list-style-type: none"> <li>Extend text handling skills:</li> <li>Use spell check and thesaurus, print preview, columns and search and replace.</li> <li>Copy and paste graphics, text and sound where appropriate from the internet or CD ROMS (take care with copyright)</li> </ul>	<p><b>Functional writing</b> - write in a variety of forms to communicate key events, facts or ideas, using appropriate organization and vocabulary</p> <p><b>Imaginative writing</b> - write imaginative pieces in various genres, using appropriate organization and vocabulary</p> <p><b>Reading for information</b> - find, select and collate information from more than one source</p> <p><b>Information Handling</b> - collect, organise, display and interpret information</p>
Searching and Researching	<ul style="list-style-type: none"> <li>Search across a range of media</li> <li>Use a search engine</li> <li>Create bookmarks</li> <li>Capture text / graphics by copying and pasting</li> </ul>	<ul style="list-style-type: none"> <li>Search across a range of media with a view to presenting the findings in a multimedia format.</li> <li>Save text and graphics captured from web pages and assemble these into simple work processed documents.</li> <li>Compare two websites of similar content for usefulness and ease of use</li> </ul>	
Collecting and Analysing	<ul style="list-style-type: none"> <li>Use database reports including searching and sorting</li> </ul>	<ul style="list-style-type: none"> <li>Define fields and report formats.</li> <li>Search and sort database</li> <li>Produce reports by selecting fields.</li> <li>Interpret the output.</li> </ul>	

**Poster:** recruitment poster for an important mission, promoting the launch of new spacecraft.

**Brochure:** detailing a particular space ship, space clothes / equipment.

**Advert:** space ship for sale, job on a different planet.

**Report:** space mission - past, present or future.

**Fact sheet:** presenting results from research about a planet.

**Story:** A Space Mission, A Journey Through Space....

**Interactive story:** use PowerPoint to create a space related storybook.

**Presentation:** as a conclusion to the topic use PowerPoint to create a slide show presenting research.

**Research:** use of CD ROMS or Internet sites as a source of research for comparison to text books, encyclopaedias etc, to collect facts about the earth, sun and planets or space exploration.

On-line activities such as LT Scotland 'Ticket to Space'

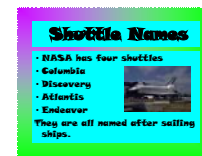
**Information Handling:** research on planets could be recorded in a Database. Information could be sorted and searched.



(Word or Publisher)



(PowerPoint)



RESOURCES:	SOFTWARE	CD ROMS	WEBSITES
	Microsoft Word Microsoft Publisher Granada Colours Microsoft Paint Microsoft PowerPoint Microsoft Front Page Granada Database	Solar System Space & the Universe  Encyclopaedia of Science I love Science Science Explorer	<ul style="list-style-type: none"> <li>* <a href="http://www.google.co.uk">www.google.co.uk</a> (search engine)</li> <li>* <a href="http://kids.msfc.nasa.gov">kids.msfc.nasa.gov</a></li> <li>* <a href="http://www.nasa.gov">www.nasa.gov</a></li> <li>* <a href="http://www.fearofphysics.com/SunMoon/sunmoon1.html">www.fearofphysics.com/SunMoon/sunmoon1.html</a></li> <li>* <a href="http://www.channel4.com/weblogic/essentials/science/physical/earth_sunmoon_bi.jsp">www.channel4.com/weblogic/essentials/science/physical/earth_sunmoon_bi.jsp</a></li> <li>* <a href="http://www.pbs.org/wgbh/nova/tothemoon/">www.pbs.org/wgbh/nova/tothemoon/</a></li> </ul>