

Lesson Plan

Date	
Period	
Class	
Lesson	Lesson 3 – Information, reliability, accuracy and bias

<p>Context of the lesson Where this fits into the “Big Picture”</p>	<p>In this unit student learn to assess the validity of information. They will be able to identify biased and inaccurate information and avoid that which they deem to be unreliable. Students learn techniques to help them search for information more effectively. Students are asked to select a contentious issue and to gather information from various sources in order to make an unbiased presentation to others. They consider the usefulness, provenance, reliability, status and bias of the information they collect and use.</p>	
<p>MLO for this lesson. What will pupils know/understand by the end of the lesson</p>	<p><i>Know:</i> The Boolean operators which can be used when searching for information</p> <p><i>Understand:</i> The basics of how a search engine works</p> <p><i>Be able to:</i> Use Boolean operators in order to refine a search</p>	
<p>Teacher input/Activities. What the pupils should undertake with approximate timings.</p>	<p>Greet and settle students. Take register and collect in homework whilst students are working on the starter activity.</p> <p><u>Starter activity.</u> Hand out a copy of ‘lesson 3 starter’ to students. They should complete this quietly.</p> <p><u>Teacher led discussion</u> Ask students if they wanted to find information from the Internet what would they use. Answer – search engine. Ask students if they know exactly how a search engine works. Mention the terms: database, key words, tags. Explain that because there are billions of web pages, when they search for information about a specific topic they usually get hundreds of thousands of results and not all of them are relevant. Explain that they are going to learn how to search for information more effectively.</p> <p><u>Student task</u> Students should log onto their computers Hand out a copy of ‘effective searching.doc’ Ask students to work individually through the tasks.</p> <p><u>Introduction to the project</u> Explain to students that over the last couple of weeks they have been learning how to search effectively for information and how to look at a website and judge whether the information contained on it are fact or opinion. They now need to use all of these skills to help them produce their project. Explain that they will be working in pairs and will need to choose a contentious issue – one that people have very strong opinions about.</p> <p>Either allocate students into pairs or allow them to choose their partner. Display ‘project ideas.ppt’ on the board Ask the pairs to choose a topic that they want to investigate for their project. Go round the class and find out what people are doing.</p>	<p>7.5 mins</p> <p>5 mins</p> <p>10 mins</p> <p>7.5 mins.</p>

	<p><u>Information about the project</u> Show students how to access the 'project task instructions' from the teach-ict.com website</p> <p>Explain to students that there is a lot of work to do and they must decide how much they feel able to complete in the time available. Those aiming for the highest marks (levels 6, 7) should be looking at completing everything to a high standard. Those who feel a level 4 – 5 is more appropriate for them should choose their tasks carefully. Explain that the minimum they should aim for is a presentation about their topic which is accurate and unbiased.</p> <p><u>Paired task</u> Students should access the project task instructions for themselves and begin to plan how they are going to approach their project.</p>	10 mins
		10 mins
Review/Summary At least 5 minutes before end.	Ask students what keywords and Boolean operators they would use to find relevant information about a couple of topics e.g. A specific Disney film, Harry Potter and a particular actor. Try out various search terms on the board to find the one which provides the best results.	5 mins
Extension work	No extension work is required as students have plenty of work once they begin working from their task sheet.	
Homework	Students should spend thirty minutes working on their project	
Materials required	Lesson 3 starter Lesson 3 starter answers Effective searching Project ideas.ppt Project task instructions website from teach-ict.com	

You may:

- Guide teachers or students to access this resource from the teach-ict.com site
- Print out enough copies to use during the lesson

You may not:

- Save this resource to a school network or VLE
- Adapt or build on this work

A subscription will enable you to access an editable version and save it on your protected network or VLE