

Lesson Plan

Date	
Period	
Class	Year 8
Lesson	Lesson 1.

Context of the lesson Where this fits into the “Big Picture”	As part of their first lesson in year 7, students were taught about the importance of good housekeeping when it comes to file management. This lesson provides an opportunity to revisit this topic and to develop their skills further. Students are also taught a little bit about computer viruses and what precautions they need to take to avoid infection.	
MLO for this lesson. What will pupils know/understand by the end of the lesson	<p><i>Know:</i> How computer viruses are spread</p> <p><i>Understand:</i> Why it is important to update their anti-virus software at home on a regular basis</p> <p><i>Be able to:</i> To use the search facility to find a missing document</p>	
Teacher input/Activities. What the pupils should undertake with approximate timings.	<p>Greet and settle students. No starter activity this lesson. Take register</p> <p>Teacher led discussion – File Management Ask students how many remember the first lesson they had in year 7 where they were shown how to create folders and they were taught about the need for saving work sensibly. Ask students how many have actually followed this advice.</p> <p>Paired activity Get students to log on and get them to swap computers with their neighbour. Ask students to look at each others folder structure and assess whether it is sensible and logical. Ask them to look at the names of a few documents and ask them to assess whether they have sensible names. Tell students to feed back to one another on what they have discovered. Ask students to put up their hands now if they really did follow the advice about correctly organising their work.</p> <p>Individual activity Ask students to begin to create the folder structure for their year 8 subjects.</p> <p>Teacher led demonstration – Searching Explain to students that if they are having trouble locating a document, they can use the search facility. Demonstrate how to undertake a simple search using the document’s name. Demonstrate how to use the ‘advanced search’ by searching for date, drive/folder, partial name</p> <p>Individual activity Students should have a go at performing a simple search and an advanced search.</p> <p>Teacher led discussion – Viruses Explain to students that not only should they keep their work safe by naming it correctly and storing it in a logical folder structure, they should also keep their work safe from computer viruses.</p> <p>Ask students if any of them know what a computer virus actually is. Display slide 1 from ‘viruses.ppt’</p> <p>Ask students if they know what a computer virus does Display slide 2 from ‘viruses.ppt’</p>	<p>5 mins</p> <p>5 mins</p> <p>5 mins</p> <p>7.5 mins</p> <p>2.5 mins</p> <p>5 mins</p> <p>15 mins</p>

	<p>Ask students if they know how you can get a computer virus Display slides 3, 4 & 5 from 'viruses.ppt'</p> <p>Ask students if they know how they can get rid of a virus if they find they have one on their computer. Display slide 6 from 'viruses.ppt'</p> <p>Ask students how many have anti-virus software on their computers at home.</p> <p>Ask students if they know if their anti-virus software is updated at least once a week.</p> <p>Ask students if they know why anti-virus software should be updated regularly. Display slide 7 from 'viruses.ppt'</p> <p>Ask students if they know how to update their anti-virus software. Display slide 8 from 'viruses.ppt'.</p> <p>Ask students if they are going to go home and ask their parents if their anti-virus software has been updated recently.</p>	
Review/Summary At least 5 minutes before end.	In pairs students should tell each other three things that they have learned today about computer viruses. Feedback to the rest of the class.	5 mins
Extension work	Students could visit an anti-virus manufacturers website such as Norton, Macafee, Symantec and find out how to update their software.	
Homework	Design a poster which provides information about computer viruses, how to make sure you don't get one and what to do if you do get one.	
Materials required	Viruses.ppt	

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