

ICT: Unit 2 Information and presentation (or equivalent)

This unit is taken from www.standards.dfes.gov.uk/keystage3 and has been adapted to fit in with safety around a railway and respect for railway property.

About this unit

Pupils use a variety of search mechanisms to explore the potential of ICT-based information sources. They will research a topic and prepare a presentation for a specific audience. They will use websites and stored information.

The pupils will explore a range of types of information, such as statistics, legislation and advertising campaigns. They will make judgements about the purpose of the information and viewpoint of the organisation that produced it.

The topic will be given to the pupils - 'Safety and respect for Railways and Trains.' This should allow for different interpretations and view points. Eg. Railway enthusiasts will talk passionately about the trains while railway companies will present the value and convenience of travelling by trains. There will be the other points of view from different perspectives related to the dangers of inappropriate behaviour on trains or near a railway tracks.

This unit should take approximately 5 hours.

Objectives

Children should learn

- That information can have a range of sources that may reflect different views and may be incorrect or biased.
- To spot connections and links between how information is presented in different forms.

Resources needed

All the appropriate websites associated with railways and safety. Children can find these by using an appropriate search engine. ie. Google

Activity

Discuss the purpose of researching different websites and stored information, with the aim of producing a presentation to explain why safety and respect is important to the railway. Discuss their interpretation of 'Safety and respect for railways and trains' and what it means to them.

Discuss with the pupils what sort of information and tone would be appropriate for their presentation.

Ask the pupils to consider the range of ICT - based information sources that might be available, e.g. websites, information from other people via email, stored information.

Discuss the merits and disadvantages of different search facilities. Identify lists with pupils and what might make some sources less useful than others.

Ask the pupils to make notes on the type of information each source might provide, e.g. text, graphics, video clips and consider the limitations of each for the presentation. Using sites already bookmarked, demonstrate the methods of abstracting information and saving graphics and text rather than printing whole pages. Ensure that pupils know where they should save files so they can be used for their presentation.

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Plenary

By the end of this unit pupils should have collected together information and be able to present it to other students. It will be worth noting how many pupil's presentations target inappropriate behaviour and safety on the railways.

If this happens it will link in with PHSCE unit 15 and enable a class discussion about 'Crime and Safety Awareness' the teacher notes for this can be found at,

www.standards.dfe.gov.uk/schemes2/citizenship/cit15