# Activity sheet 3.39: Building skills for assessment activity

*Learning outcome C: The wider implications of digital systems*

Riverside Surgery is a doctors’ surgery with over 3,500 patients. The surgery has recently been contacted by a health insurance company that would like to contact the surgery’s patients to offer them discounted insurance.

1. Outline one privacy concern that patients might have about this development.

Patient dates of birth are stored by the surgery in the format dd/mm/yyyy. The health organisation’s database uses a dd/mm/yy format.

1. Why might this make the data unusable by the health insurance company?

1. Describe how the data could be transformed into a suitable format for the health insurance company.

1. Explain one action that the surgery must take if it is to meet legal requirements when sharing patient data.

A school has decided that it needs to reduce the amount that it spends on running its computer system.

1. State two ways in which computer settings could be altered so that the devices use less electricity.



1. State two actions that the school could take to reduce the amount of printer ink used.



1. For each of the above actions, identify one possible drawback.



1. State two actions that the school could take to extend the life of its computers.



A journalist at a local newspaper wishes to include in a story some text from an article they have recently read in a book. The same book contains a photograph that the journalist would like to use in their story. Copyright of the image and the text is owned by the book’s publisher.

1. Define plagiarism.

1. Explain what the journalist should do in order to avoid plagiarism.

1. Describe the actions the journalist would need to take in order to meet legal requirements when using the text and image.

Jenny Jones visits a website and is asked for her permission for the website to install a cookie on her computer.

1. What is a cookie?

1. Explain the difference between a first-party cookie and a third-party cookie.

1. Analyse how cookies can be used to show targeted advertisements on websites that   
   Jenny visits.