**Unit 31**

**P5 - describe factors that need to be taken into account when creating animations for the web**

**M3 - explain particular techniques that are used to minimise the file size of animations.**

Designing animations that are going to be used on web sites needs careful consideration as not all browsers behave in the same way and some do not support certain formats; browsers can be configured to exclude certain plug-ins. You also need to consider file size; speed of download and the wide range of devices that the animations might be viewed on. Animations are sometimes sent as email attachments and used in e-cards; these can be blocked by security filters or on grounds of file size.

P5 – You should consider:

* **File Size;**
* **File type; (bitmap vs vector)**
* **Explain how animations are used on web pages; special techniques (e.g. buttons with rollover effects, adverts)**
* **explain how animations are used in email attachments (or e-cards)**
* **describe at least two other factors that need to be considered when producing web animations**
* **Output device (mobile, monitor, etc)**

M3 – You should consider:

* **Quality of image;**
* **Special techniques (e.g. frame disposal, autocrop);**
* **You may also wish to discuss:**
* **Compression (sound, video, etc);**
* **File type**