# COMPUTING & ICT—Year 09 Knowledge Organiser: Image Manipulation (Spring 1)

## Summary

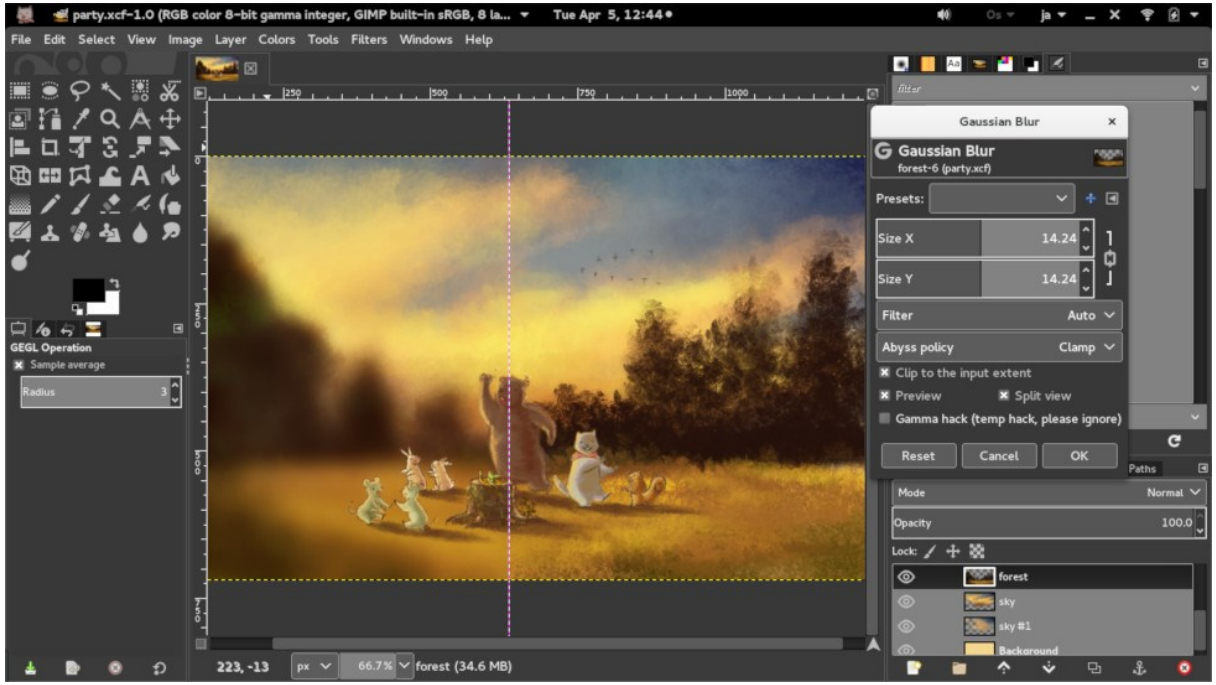
In this unit, students will learn about **image manipulation (image editing).** They will be using a free piece of software called GIMP 2.10. This software has similar features to the industry standard which is Photoshop .

The image manipulation skills are basic, but effective in producing students original edited work. Some of the skills include: removal of the image background, rotating an image, cropping and image, recolouring an image, resizing and image and combining two images into one.

Students will be given a book cover topic, where size requirements and title/author information is given, together with the details of a client and a choice of their own target audience. Once this is established, student will collect images from the internet and manipulate these images using their acquired skills and understanding.

Once the images have been manipulated (altered), then the book cover can be created.

## GIMP Software screenshot image




## Key Vocabulary

| | |
|---|---|
| **Client** | A client is a person or organisation who engages the professional advice or services of another with special knowledge of skills. |
| **internet** | The internet is a global computer network providing a variety of information and communication facilities, consisting of interconnected networks |
| **GIMP 2.10** | GIMP 2.10 is a cross-platform image editor available for GNU/Linux, macOS, Windows and more operating systems. It is free software |
| **Photograph Manipulation** | Photograph manipulation involves the transformation or alteration of a photograph using various methods and techniques to achieve desired results. |
| **Target Audience** | A target audience refers to the specific group of consumers most likely to want to use or buy your product or service. |
| **Topic** | The topic is the subject or theme of the work to complete. In this case: the book |

## Free software GIMP 2.10

GIMP