

Where should  
I be on my  
course now?

Pages 1-5 should  
now be complete

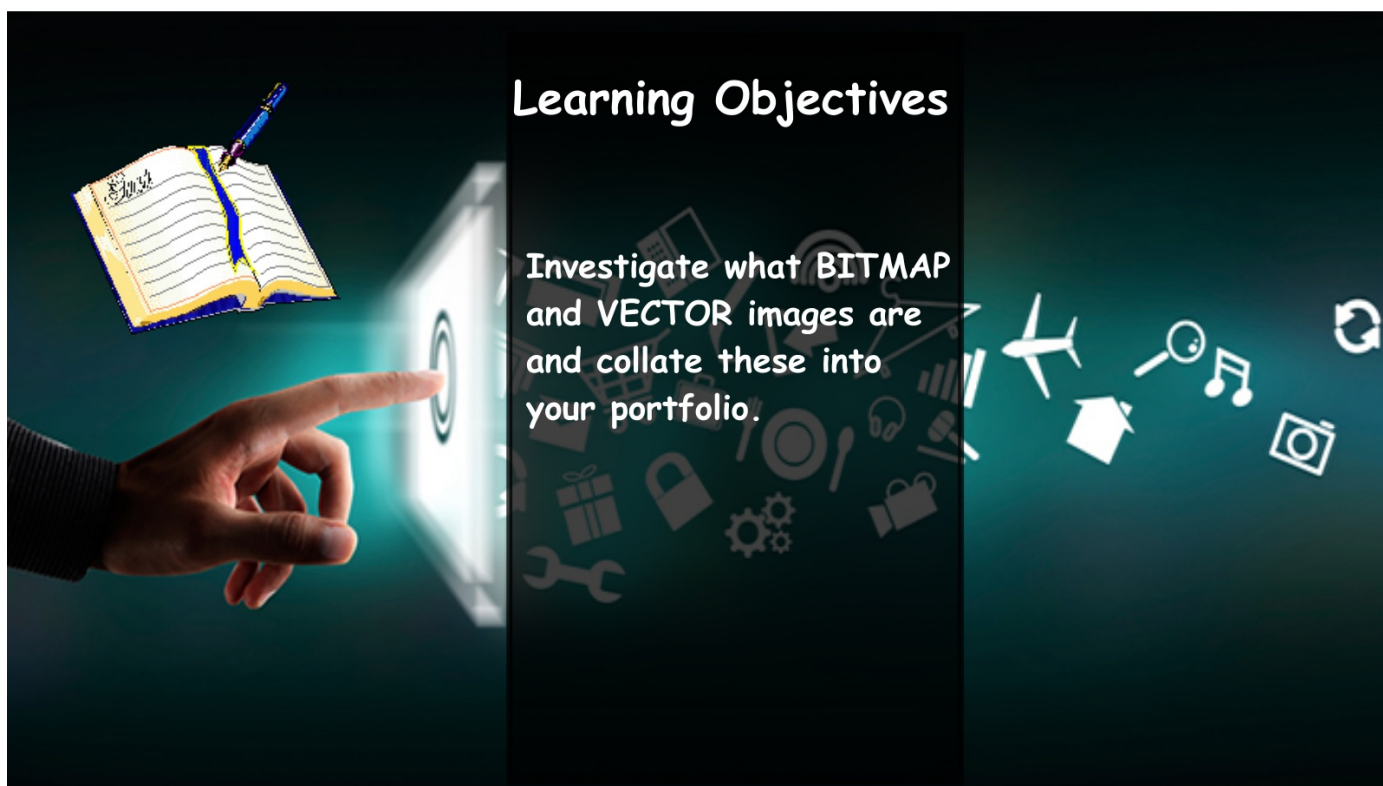
Pages 1-5 should  
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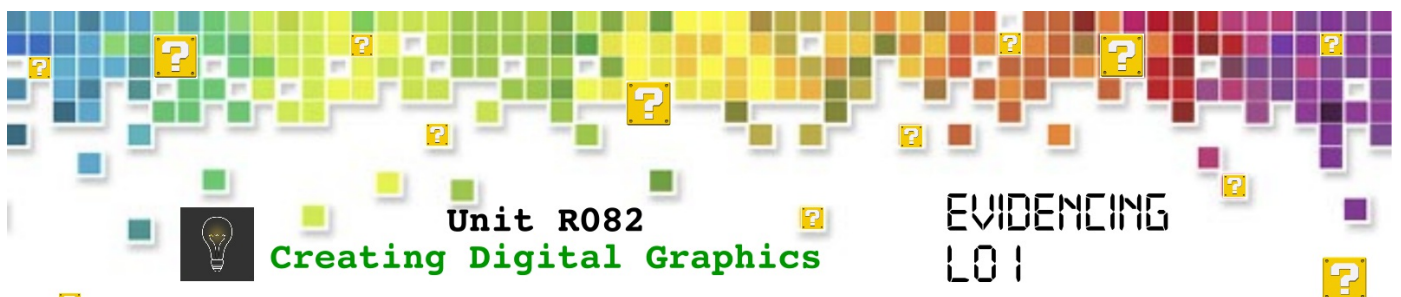
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ROB2 - CREATIVE IMEDIA  
CREATING DIGITAL GRAPHICS  
LESSON 7



## Learning Objectives

Investigate what BITMAP and VECTOR images are and collate these into your portfolio.



Unit R082

Creating Digital Graphics

EVIDENCING  
LO1

This task will be the second task to be put into either your scrapbook or a digital document such as Microsoft Word or Pages.

It must be titled correctly so you will be using the checklist to help!



IN THIS UNIT YOU WILL BE EVIDENCING FOUR AREAS:

 **LEARNING OUTCOME 1:**  
**UNDERSTAND THE PURPOSE AND PROPERTIES**  
**OF DIGITAL GRAPHICS**

**LEARNING OUTCOME 2:**  
**BE ABLE TO PLAN THE CREATION**  
**OF A DIGITAL GRAPHIC**

**LEARNING OUTCOME 3:**  
**BE ABLE TO CREATE A DIGITAL GRAPHIC**

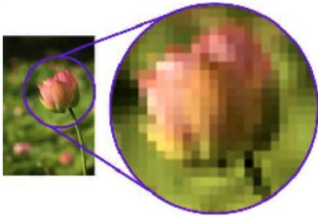
**LEARNING OUTCOME 4:**  
**BE ABLE TO REVIEW A**  
**DIGITAL GRAPHIC**



*Understanding the different formats  
will help you when you come to create  
your digital graphic later on.*



**PAGE 6 - Digital Graphics - BITMAP IMAGES**



**TITLE OF PAGE: BITMAP IMAGES**

Create a mood board that shows a series of THREE BITMAP images (the image opposite shows just one)

On one side of the page show the full image, on the other show the same image zoomed in.

You should use the graphics you have created in lesson saved as BMPs to demonstrate this.

Write at the bottom of this page  
*"The Bitmap images above were created by me using photoshop effects"*

**PAGE 7 - Digital Graphics - BITMAP IMAGES**

**TITLE OF PAGE: BITMAP IMAGES**

Firstly, on this page you should state what exactly a bitmap image is.

Referring to the images on the previous page, what happens to the images when they are zoomed in and why does this happen?

What impact could using a BITMAP image have upon a professional product like a billboard or even a very small news paper advert?

What are the advantages of using BITMAP images?

What are the disadvantages of using a BITMAP image?

Based on the advantages and disadvantages - why would the media industry use BITMAP images?

What are JPEG images? What does JPEG stand for?

Compare BITMAP to JPEG images - what's the difference?

In your opinion which is better JPEG or BITMAP?

**TASK:**

You have 1 lesson hour to do the following the task

The deadline for this is the beginning of the next lesson:

**PAGE 8 - Digital Graphics - VECTOR IMAGES**

**TITLE OF PAGE: VECTOR IMAGES**

Create a mood board that shows a series of THREE VECTOR images (the image opposite shows just one)

On one side of the page show the full image, on the other show the same image zoomed in.

Provide the internet link to the Vector image beneath each image.



**PAGE 9 - Digital Graphics - VECTOR IMAGES**

**TITLE OF PAGE: VECTOR IMAGES**

Firstly, on this page you should state what exactly a vector image is.

Referring to the images on the previous page, what happens to the images when they are zoomed in and why does this happen?

Where might you find a vector image being used, can you demonstrate the answer to this in text as well as image form?

What are the advantages of using vector images?

What are the disadvantages of using a vector image?

Based on the advantages and disadvantages - why would the media industry use vector images?

## THE MODEL - THE BITMAP MOODBOARD

PAGE 6 - Digital Graphics - BITMAP IMAGES

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*Use the checklist to help!*

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In your opinion which is better JPEG or BITMAP?

**Next you will have to answer these questions.**

**We are NOT looking for essays, one paragraph for each is required and you will need to research the answers and all them to your portfolio.**

## THE MODEL - THE VECTOR IMAGE MOODBOARD

PAGE 8 - Digital Graphics - VECTOR IMAGES	
	<b>TITLE OF PAGE: VECTOR IMAGES</b>
	Create a mood board that shows a series of <b>THREE VECTOR</b> images (the image opposite shows just one)
	On one side of the page show the full image, on the other show the same image zoomed in.  Provide the internet link to the Vector image beneath each image.



<http://www.veectors.com/vector-images/00/>





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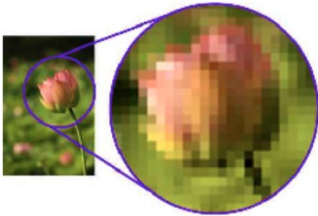
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Plenary

Show and Tell -  
demonstrate how you  
met today's learning  
objective...

## Learning Objectives

Investigate what BITMAP  
and VECTOR images are  
and collate these into  
your portfolio.



## Next Time...

You will be moving onto  
the next task in the  
Learning Objective  
Checklist 1

Get that homework  
complete!

