

GRAPHIC

Digital visual representation of photograph, drawings and charts and other visual images

TYPES OF GRAPHIC

BITMAP GRAPHIC

-Images that are made up of sets of bits or pixels
-Can include _____ that come from a scanner, _____ or images from camera

VECTOR DRAW GRAPHIC

-Consists of _____
-Can include lines, shapes such as rectangle, ellipses, arch's and typeset set

DIFFERENCES BETWEEN BITMAP AND VECTOR

	BITMAP	VECTOR
File size	require more memory space and have a bigger file size	use less memory space and have a smaller file size
Download duration	slow download through web pages	fast download via plug-ins
Quality of image	Affected when edit or resize	Do not effected (do not distort) when edit or resize

Bitmap graphics

Bitmaps are an image format suited for creation of:

- Photo-realistic images
- complex _____
- Images that require fine detail

vector-drawn graphics

Vector-drawn images are used in the following areas:

- Computer-aided design (CAD) program
- _____ artists designing for the print media
- 3-D animation programs
- Applications requiring _____ of graphic shape

Purpose of GRAPHIC

- to _____ and add _____ by using pictures and icons
- to explain _____ **difficult** to be describe with the use of text by using _____
- to present information **more attractively** exp : using graphical button and main object

ADVANTAGES

- convey information more _____ than text
- make complex information more _____
- make a presentation more _____ with colourful objects and background
- enhance _____ with some disabled group such as autism

SOFTWARE

VECTOR		BITMAP	
Adobe Illustrator		Adobe Photoshop	
CorelDraw		Paint Shop Pro	
Vectr		GIMP	

USAGE OF GRAPHIC

Graphics are used in multimedia applications as:

- Complementary element used as _____ and texture
- Main focus = _____, images, paintings, _____ and photographs