



GRAPHIC

Digital visual representations of photographs ,drawings,charts and other visual images

Used to present more attractively and effectively

TYPES OF

BITMAP GRAPHIC

Images that are made up of set of bits or pixels

Can include images that come from a , photograph or images from camera

☆Bitmaps are an image format suited for creation of:

PHOTO- IMAGES

COMPLEX DRAWINGS

IMAGES THAT REQUIRE FINE

VECTOR DRAW GRAPHIC

Consist of

Can include lines,shapes, such as rectangles,ellipses,arcs,and typeset text

☆Vector-drawn images are used in the following areas:

COMPUTER-AIDED DESIGN (CAD) PROGRAMS

GRAPHIC ARTISTS DESIGNING FOR THE MEDIA

3-D ANIMATION PROGRAMS

APPLICATIONS REQUIRING DRAWING OF GRAPHIC SHAPES

DIFFERENCES BETWEEN BITMAP AND VECTOR

	BITMAP	VECTOR
File size	Require more memory space and have a file size	Use memory space and have a smaller file size
Download duration	download through web pages	Fast download via
Quality of image	Affected when edit or resize	Do not effected (do not distort) when edit or resize

SOFTWARE

• Adobe Illustrator 

• CorelDraw 

• Vectr 

BITMAP

• Adobe Photoshop 

• Paint Shop Pro 

• GIMP 

USAGE OF GRAPHIC

Graphics are used in multimedia as:

★ Complementary
- used as background and texture

★ Main focus
- Logos, , paintings, figures and photographs

PURPOSE OF GRAPHIC

• To direct attention and add emphasis by using and icons

• To explain concept that are difficult to be described with the use of text by using diagrams , charts

• To present information more attractively such as using as background image or photo, graphical button and main object

ADVANTAGES OF GRAPHIC

• Convey information more quickly than using

• Make complex information such as instructions more simple

• Make a presentation more attractive with colorful object and background

• Enhance with some disabled groups such as autism