**2.01** **Raster Graphics Graphic Organizer**

**Directions:** Record notes about raster graphics while viewing the Raster Graphics PowerPoint.

|  |  |
| --- | --- |
| What is another term for Raster Graphics? |  |
| What is a raster graphic made of? |  |
| What happens when a raster graphic is resized? |  |
| What software is used to edit a raster graphic? |  |
| Formats: | 1.
2.
3.
4.
5.

6.  |
| Continued on next page |

**GIF – Graphics Interchange Format**

**Characteristics:**

* Standard format on web for animation
* Supports transparency
* Lossless compression
* Supports 256 colors

**Most Common Format For:**

1.
2.
3.
4.
5.
6.

**PSD – Photoshop Document**

**Characteristics:**

* Native file format for Adobe Photoshop
* Supports layers, transparency, text, and effects.
* Large file size

**Uses:**

1.

**JPEG – Joint Photographic Experts Group (also called JPG)**

**Characteristics:**

* Does not support animation • Lossy compression
* Does not support transparency • Supports 16 M colors

• High quality; larger size than GIF

**Standard Format For:**

1.
2.
3.
4.
5.



**PNG – Portable Network Graphics**

**Characteristics:**

* Does not support animation
* Supports transparency
* Lossless compression
* PNG 8 supports 256 colors; PNG 24 supports 16 Million colors

**Uses:**

1.
2.

**TIFF – Tagged Image File Format**

**Characteristics:**

* Does not support animation or transparency
* Available in compressed and un-compressed formats; compressed is advised.
* Supports 16 Million colors

**Uses:**

1.
2.
3.
4.

**PDF – Portable Document Format**

**Characteristics:**

* Open source, platform independent format that embeds fonts, images, layouts, and graphics
* Allows choice of lossy and lossless compression
* Supports 16 million colors
* Viewable with Acrobat Readers, a free program by adobe

**Most Common Format For:**

1.

2.

3.