**Digital Communications II – Unit 3**



|  |
| --- |
| Word Bank |
| Adobe Illustrator | Portable Network Graphics |
| Bitmap | Rasterize |
| Bmp | Red eye reduction |
| Brightness | Shape |
| Compression | Special effects |
| Feathering | Tagged image file |
| Graphics Interchange Format | Text |
| Joint Photographer Experts Group | Transparency |
| Layering | Unzip |
| Lossless | Vector |
| Lossy | Windows Metafile |
| Masking | Zip |

# Across

2. the measure of relative lightness or darkness of a color (measured as a percentage from 0% [black] to 100% [white])

5. decompressing a zipped file

6. a design element that includes geometric, natural, or abstract shapes.

7. a compressed bitmap file format (lossy) that is preferred for photographs; supports 16 million colors and is appropriate for the web; does not support transparency or animation

8. compressing files to reduce file size

9. a compression formula that reduces the file size without data loss

14. hiding part of a layer so that you can manipulate only the visible parts of the layer

17. a photo editing technique to remove the red from the eye

18. encoding data to take up less storage space and less bandwidth for transmission

19. a visual quality in which a distant image or element can be seen through a nearer one

20. the effect or impression used to produce materials that cannot be achieved by normal techniques

21. an image created by using a series of mathematically defined lines and curves rather than pixels, making the image easier to rescale; also called draw-type graphics

22. an uncompressed bitmap file format that is very large and is not appropriate for the web

23. a multimedia element consisting of alphanumeric characters

# Down

1. converting vector objects in an image to raster (bitmap) content

3. compressed bitmap file format (lossless) that supports only 256 colors and is appropriate for the web; supports transparency and animation

4. Microsoft's vector file format; most Microsoft clip art are metafiles and can be edited

9. a feature that allows you to place one image on top of another and edit each independently

10. a compression formula that reduces the file size by removing certain pixels

11. an image composed of pixels with a fixed resolution

12. special formatting style that blurs the edge of an image

13. uncompressed bitmap file format that supports 16 million colors; supports transparency, file size is very large, and is not appropriate for the web

15. compressed bitmap file format (lossless) similar to the gif format; it is not limited to 256 colors, is appropriate for the web, and supports transparency

16. vector image format created in the Adobe Illustrator

***Created by*** [***Puzzlemaker***](http://puzzlemaker.discoveryeducation.com) ***at DiscoveryEducation.com***