

Name(s)Cecilia Beckerbauer Period 4

Date 9/14/2020

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|  | **Worksheet - File Formats Rapid Research** |  |

## Rapid Research

You and a partner will do some rapid research and reporting on some of the most common file formats that are out there. Use the web as your research tool.

**TIPs:**

* When you visit a web page do a text search on the page for **“compress”**
* In most browsers the keystroke Ctrl+F (Windows) or ⌘+F (Mac) will get you there.

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| File format name | What type of information or data is it? | Compression? uncompressed, lossy, lossless | How does it work?  (just a few brief words about the theory behind the encoding or compression) |
| BMP  (bitmap) | Visual | Uncompressed | Contains all original information |
| JPEG  (or JPG) | Visual | Lossy | Some of the image data gets discarded |
| WAV | Audio | Uncompressed | Contain all original information |
| PNG | Visual | Uncompressed | Contain all original information |
| MP3 | Audio | Lossy | Discard some information from the original source, uses a different bit rate |
| GIF | Visual | Lossless | Looks for more efficient ways for repetitive data |
| ZIP | Archive File | Lossless | Stores repetitive data as one not many allowing more space and smaller files. |

**Question:** What other file type(s) have you heard of? Which one would you like to know the most about?

.doc, .pdf pdf is the one i would like to know the most about.