Lossy vs Lossless Compression Guided Notes

1. Why would we want to compress a file?

2. What is lossy compression?

3. What is lossless compression?

4. Why would someone choose to use a lossy compression algorithm knowing that some of the original data will be destroyed?

5. Complete the following chart. Place the following filetypes into the correct category.

PNG JPEG FLAC GIF MP3 MP4 AAC WAV

TYPE OF DATA	LOSSY	LOSSLESS
Image		
Audio		

6. Would you want a text file to be compressed using a lossy or lossless compression algorithm?