# The Scientific Method

*Looking up information for a photo I took…*

**Ask a Question**

I have a photo on my thumb drive. Most people don't know when I took the photo or what kind of

device I used to take the photo.

What kind of device took the photo? What time did I take the photo?

**Background Research**

I have tools to examine the metadata. I could look up the properties, use exiftool (to look at the

EXchangable Image File), use bvi or I can open the file with a different program such as Word.

**Construct a Hypothesis**

The photo had to be a digital device since the file was digital. Even though there are technology to

convert or scan photos, I have done that with any photos recently. The photo was probably taken during

the daytime or in a place with bright lights.

If I open the phot with "WordPad," I can find out some more information.

**Test with an Experiment**

I decided to open the photo through "WordPad" to see what would appear…

I looked at the scramble of words, symbols and information scattered across the page…

Words appear such `"R____Apple_iPhone 5_____H_____H____6.0.1_2016:03:07 10:53:00"` and a few symbols and letters that couldn't be readable and even by visible through Microsoft Word.

When I saw words appeared that reminded of the word "Japan" but the meaning might be different.

The recent photo was from actually from an old iPhone 5 I purchased (it is no longer receiving a single for phone connections).

Because it is recent I am certain the 03 means "March" and 10:53 am is probably when I took the photo.

However, there was only so much information that was understandable about the photograph through word.

I would have found out more information through another tool.

**Analyze and Draw Conclusions**

I was able to find out some interesting information about my photo from opening the file through "WordPad," although most the information was difficult to understand. People with experience may guess that it was a photo taken with an iPhone5 but not know that the picture itself was of a flip-phone on table with lip balm. The information could be more readable through another tool, when available.