

NAME: \_\_\_\_\_ Section: \_\_\_\_\_

Purposes of video: observing, describing, interpreting, explaining

In this exercise, we will distinguish two terms (from Merriam-Webster Online)

FACT – the quality of being actual; something that has actual existence or occurrence

INTERPRETATION – the explaining or expressing the meaning of something

Some backyard mud was mixed into a bottle of water, and poured into a glass cylinder. A photograph was taken every 8 seconds, over about 2.5 hours of time. The image sequence was then assembled into a movie file. Watch the movie, notice the elapsed times, observe the cylinder for changes in the watery mixture, and follow directions below.

Video: [http://youtu.be/-V\\_UWjyAEEg](http://youtu.be/-V_UWjyAEEg)

**Part I:** Observe and describe facts. Notes to myself as the video plays

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**Part II:** Interpret the facts to explain what occurred, based on your observations. Note the fact you observed, and then use it to explain. **How does the change in appearance of the mixture explain “where the mud went”?**

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