

Building Scientific Knowledge

This unit deals with the analysis of chemical data. This knowledge is acquired by observation and inference.

Put the following answers in your lab book.

*underline all titles, include dates, use blue or black ink, include in your table of contents

1. Find the following definitions in your textbook:

observation

inference

empirical knowledge

theoretical knowledge

theory

model

2. Answer questions 1-3 on page 12.

3. Briefly describe and draw:

Dalton's theory

Thomson's model

Rutherford's model