QUESTION WORDS

PRACTICE

1. What kinds of measurements might you need to make in the laboratory? 

2. What kinds of equipment would you need for these tasks? 

3. Why are there several types of glassware marked for measuring? 

4. How might glassware be used differently? 

5. When might you need to use a thermometer in the lab? 

6. How do laboratory tools improve the observations made by a scientist? 

7. Which laboratory tools can be used to magnify small objects so they can be seen more easily? 

a) To make sure the experimental and the control groups are at the same temperature. To record the temperature at which a reaction occurs.

b) Some are used for measuring, some are used for tests or experiments. Ten test tubes are more appropriate for running several different tests on a solution than ten graduated cylinders.

c) Metric ruler, triple-beam balance, graduated cylinder, thermometer.

d) Length, mass, volume, temperature.

e) Compound microscope and hand lens.

f) Certain laboratory tools can be used to extend the range and accuracy of the scientist's senses.

g) Different sizes of glassware, such as the graduated beaker or the graduated cylinder, allow for more accurate measurements of specific volumes.

LIVEWORKSHEETS