



CHEMIST

1



PETRI DISH

2



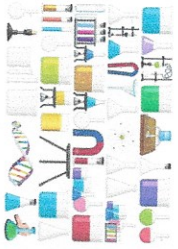
TEST TUBE

3



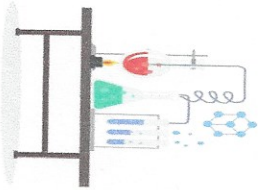
SCIENTIST

4



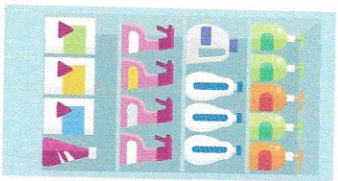
EXPERIMENT

5



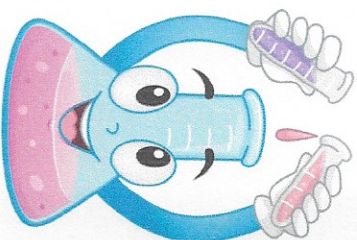
LAB

6



CHEMICALS

7



BEAKER

8

SCIENTIST

Scientists like to observe, measure and communicate.

There are biologists, geologists, and zoologists to name a few.

Like to solve problems and are curious.

TEST TUBE

Made of glass or plastic and are about the length of a finger.

Used by chemist & scientists when doing experiments.

Holds a small amount of material for use in experiments.

PETRI DISH

Shallow transparent lidded dish used for experiments.

Used to hold growth medium in which cells can be cultured.

Named after its inventor, Julius Richard Petri.

Most common item in biology labs.

Normally written in lower case.

CHEMIST

A person involved in chemical research.

Study the composition of matter and its properties.

Study on the level of molecules and their components atoms.

Chemists work in academic institutions, chemical industry and pharmaceutical industry.

BEAKER

Widemouthed, thin-walled container with a lip for pouring that is used in science laboratories.

Most made of glass.

Usually have a flat bottom.

Range in size from one millimeter to multi-liter.

Used with Bunsen burners, heat plates, stirrers, safety tongs, safety goggles, gloves and lab coats.

CHEMICALS

Compound or substance that has been purified or prepared.

Interactions of substances studied in chemistry.

Anything that occupies space is matter. Anything made of matter is made up of chemicals.

LAB

Workplace to conduct scientific research.

Room or building equipped for scientific experiments, research or teaching.

Manufacture drugs or chemicals.

Many different kinds of labs:
Bio lab

Chemistry lab
Physics lab
Research lab

EXPERIMENT

Procedure to support, refute or validate a hypothesis.

Experiments provide insight.

Experiments test existing theories.

Important to study learning in the science classroom.

Vary – personal and informal comparisons to highly controlled overseen by many scientists.