LABORATORY EQUIPMENT

**Instructions:** There are 21 numbered pieces of laboratory equipment placed around the classroom. Match each description in the table with a piece of equipment. Write the number of the piece and its name in the appropriate boxes. To help you, there is a list of equipment names on the other side of this handout.

|  |  |  |
| --- | --- | --- |
| **Description** | What am I? | **What number am I?** |
| I am used to remove dry chemicals from the container. |  |  |
| I usually hold liquids. I come in different sizes and have rough volume markings. |  |  |
| A variety of equipment can be attached to me, so your hands can be free. |  |  |
| I convert electrical energy to heat energy for use in the lab. |  |  |
| I am used to clean certain types of glassware. |  |  |
| I am used to ***accurately*** measure volume of liquids. I come in a variety of sizes and have fine volume markings. |  |  |
| This mesh pad is used when heating liquids. Glassware can sit carefully on my fireproof surface. |  |  |
| I am made of wood, but can also be made of plastic or metal. I am used to hold a certain type of common glassware. |  |  |
| I am a special type of glassware that is used to carefully measure ***one specific*** volume. |  |  |
| I am used to grind dry chemicals into a fine powder. |  |  |
| If a large piece of glassware might be hot, I can be used to hold it safely. |  |  |
| I am made of iron and can be attached to another piece of equipment; I can be used to hold a funnel or a pad on which to place glassware |  |  |
| Eye am a piece of safety equipment. |  |  |
| If you need to add a chemical solution a little at a time, then you need me . . . |  |  |
| If a test tube is too hot or might become too hot, I can be used to hold it safely. |  |  |
| I am a special piece of equipment used as a source of intense heat. |  |  |
| Use me if you want to stir a solution safely. |  |  |
| I usually hold liquids. I come in different sizes and have rough volume markings. I can be sealed with a rubber stopper. |  |  |
| If you want to look at something under the microscope, I would be useful. |  |  |
| I am a very common piece of lab glassware. I come in different sizes and have no volume markings. Chemicals are often mixed in me. |  |  |
| I produce a spark – another piece of lab equipment could not produce heat without me. |  |  |

beaker tongs graduated cylinder

stirring rod test tube brush

hot plate heating pad

Ehrlenmeyer flask volumetric flask

Bunsen burner funnel

ring clamp flint lighter

test tube holder test tube rack

mortar and pestle safety goggles

scoopula glass slide

retort stand test tube

eye dropper beaker