|  |  |  |
| --- | --- | --- |
| Object Name | Used for | Pictures (Not to scale) |
|  | Used to seal glass containers  (Two items) | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.21.51 PM.png Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.27.01 PM.png |
|  | Used to pick up or hold hot objects | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.25.52 PM.png |
|  | A wide-mouthed container used to transport, heat or store substances | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.32.34 PM.png |
|  | A device used to measure the mass or “mass out” an object or substance  (Two items) | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.05.35 PM.pngMacintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.05.58 PM.png |
|  | Protects the scientists and the scientists’ clothes from hazardous or hot chemicals (Two items) | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.37.02 PM.pngMacintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.28.33 PM.png |
|  | A small glass container used to view chemical reactions or to heat small amounts of a substance. | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.29.51 PM.png |
|  | Used to magnify very small objects | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.41.15 PM.pngMacintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.04.46 PM.png |
|  | Used to dispense a very small amount of a liquid, sometimes measured |  |
|  | Used to light a Bunsen Burner | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.09.00 PM.png |
|  | Protects eyes from objects getting into them | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.31.06 PM.png |
|  | Attaches to a lab stand and used to hold a lab equipment (ex. Holds a funnel) | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.10.12 PM.png |
|  | Used to measure volume very precisely | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.31.34 PM.png |
|  | Steady base and support used to hold a variety of lab equipment elevated | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.10.37 PM.png |
|  | Used to hold “specimen” or samples that you want to magnify and view  (Two parts with different names) | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.06.59 PM.png |
|  | Used to gently mix solutions | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.11.42 PM.png |
|  | Used to measure temperature | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.14.19 PM.png |
|  | Used to pour liquids into containers with small openings or to hold filter paper. | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.12.45 PM.png |
|  | Used to heat objects  (Two items) | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.34.58 PM.png Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.37.02 PM.png |
|  | Used to keep test tubes upright while cleaning or experimenting | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.16.28 PM.png |
|  | A narrow-mouthed container used to transport, heat or store substances, often used when a stopper is required | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.37.51 PM.png |
|  | Used to carry/handle test tubes, especially when heating | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.39.35 PM.png |
|  | Containers sterile water used to clean items or add water to mixtures | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.40.00 PM.png |
|  | Used to crush or grind items | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 5.39.53 PM.png |
|  | Used for measuring smaller distances/lengths. | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.44.13 PM.png |
|  | Used to hold small amounts of liquids or specimens for study or comparison. Usually numbered or lettered. | Macintosh HD:Users:kspence:Desktop:Screen shot 2013-08-26 at 6.25.09 PM.png |

How do you measure?

|  |  |  |  |
| --- | --- | --- | --- |
|  | Tools | Units | SI Base Unit |
| Mass |  |  |  |
| Volume |  |  |  |
| Distance |  |  |  |
| Temperature |  |  |  |

Accuracy-

* + Ex. You look at a stream and estimate that it is 1m to the other side. You measure the width the best you can without getting wet and find it is 1.32m. Later you find out that it actually measure 1.14m. Your estimate was more accurate that your measurement.

Precision-

* + EX. Measurements made with a ruler with cm and mm is more precise than a ruler with only cm.

Displacement-

Meniscus-