**Volume of Regularly and Irregularly Shaped Objects**

**Observation Checklist Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Goal: Students should be able to determine the volume of regularly and irregularly shaped objects using the displacement method.

Y = yes, always or most of the time

N = no, not evident or inaccurate

S = sometimes, evident at times

Leave blank if not observed

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Student Name / Group # | Student is reading the water level at eye level. | Student is reading the water level at the bottom of the meniscus. | Student is able to explain that the volume of an object is the difference in the water level before and after the object is placed into the water. | Student is able to explain how s/he knows1 mL is equivalent to1 cm3. | Student understands the difference between the units: mL for water level and cm3 for volume. |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |
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|  | Y N S | Y N S | Y N S | Y N S | Y N S |
|  | Y N S | Y N S | Y N S | Y N S | Y N S |