**DIY SECCHI DISK INSTRUCTIONS**

**Materials**

* Water-resistant paint (white and black)
* Hot glue gun
* Metric ruler

**Steps**

* Permanent marker • For each disk: o Metal washer (must fit inside the experimental bottle) o Plastic straw

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| 1. Gather a washer, a plastic straw, black and white paint, a permanent marker, a hot glue gun, and a metric ruler. | 2. Draw lines on one side of the washer to divide the circle into quarters. | 3. Paint two of the opposite quarters white. |
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| 4. Paint the other two opposite quarters black so there is a black-white-black-white pattern on the washer. | 5. Line up the bottom of the straw with the 0 cm mark and use a marker to make a mark every 0.5 cm along the straw. | 6. Use hot glue to attach the bottom of the straw to the center of the painted side of the washer. |

**CLEAR AS PHYTOPLANKTON: A TALE OF FOUR LAKES**