

Module 2C: Procurement Guide



Curriculum Materials & Setup for Hands-On-Activities & Labs

Instructor Note: This guide outlines the materials needed to execute **Module 2C (Biochar Water Purification Lab)**. Quantities are calculated for a standard class size of **30 students** working in groups of 3 to 4 (approx. 6–8 groups). Please coordinate safety protocols for handling copper sulfate solution prior to the activity.

Amazon links are provided for convenience, but you may source these items from a **supplier of your choice**.

1. Bill of Materials

Item Description	Use Case in Module	Qty Needed	Est. Cost	Link
Disposable Plastic Cups (Clear, 7 oz)	Experimental Treatment Containers	24 cups	\$9.39	View
Disposable Transfer Pipettes (7.7 mL)	Handling Contaminant Solution	1 pack	\$19.03	View
Disposable Stirring Sticks	Mixing Media	1 pack	\$10.99	View
Cupric Sulfate Test Solution (120 mL)	Simulated Contaminant	1 bottle	\$17.99	View

pH Test Strips (Range 0.0–14.0)	Measuring Water Quality	1 pack	\$8.93	View
Sticky Notes (1.5 in × 2 in, 12-Pad Pack)	Labeling Experimental Cups	1 pack	\$7.99	View
Permanent Markers (Black, Fine Tip, 12-Pack)	Data Collection/Labeling	1 pack	\$24.90	View
Total Estimated Budget:			~\$119.22	