Vial Holder for Water Quality Testing

Two concerns when doing water quality testing are that vials and caps will get mixed up and that students will bump the table that the vials are on. A vial holder will reduce the possibility of either of these happening.

Build a holder to keep the vials upright and separate containers for the vial caps. The following directions describe how to use a ¾ inch board, a small piece of 2x2 and four 1 ½ in diameter bottle caps.

Color code the vials and the chemical bottles with colored tape.



Yellow for pH



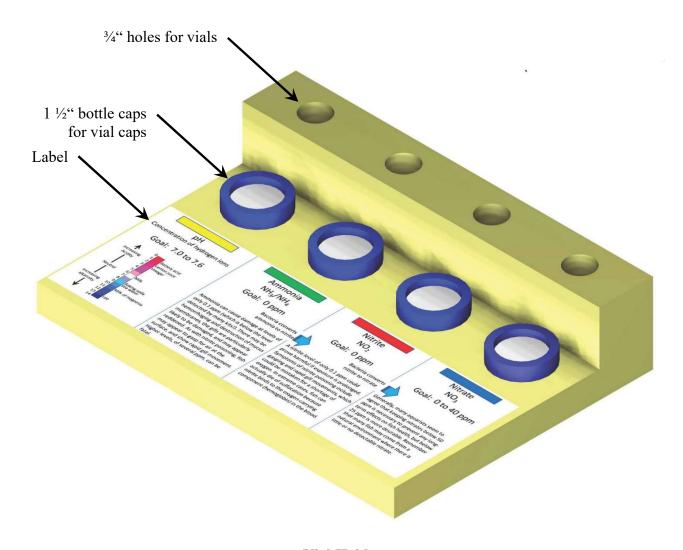
Red for Nitrite



Green for Ammonia

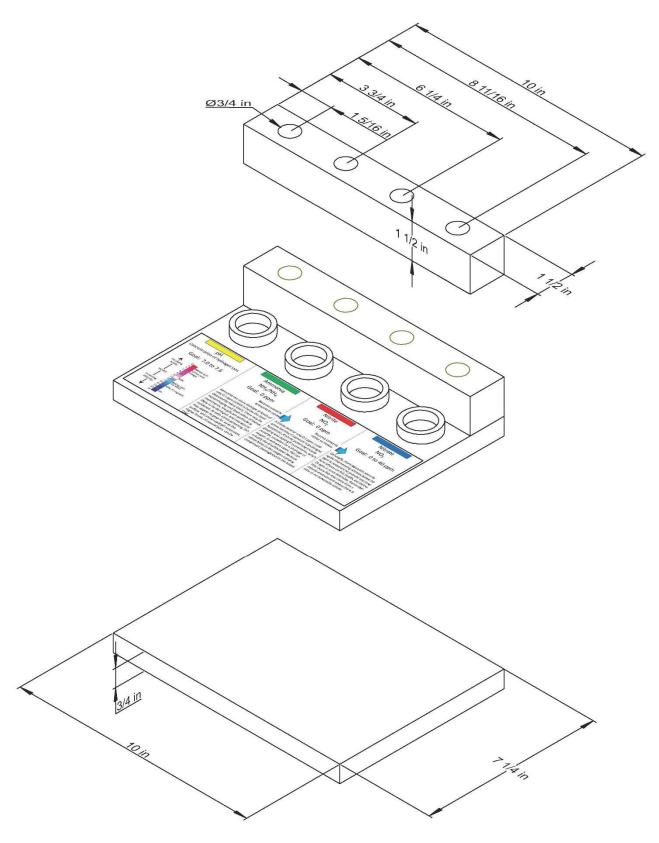


Blue for Nitrate



Vial Holder

Cut a piece of $\frac{3}{4}$ " wood (plywood) 10" x 7 $\frac{1}{4}$ ' and cut a 2x2 to 10" in length. Use four bottle caps that are 1" to 1 $\frac{1}{2}$ " in diameter (detergent bottles or something similar). Laminate the instructions. Nail the wood together and glue the caps and label to the board after painting.



Dimensions

