The Kaloko-Honokohau National Historical Park Electrical Conductivity Backpack

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The Electrical Conductivity Backpack, a gallon sized pail, and a gallon of distilled water are all you need for a field trip of up to 30 students.

The backpack contains ~$750 worth of equipment:
7 smaller packs
1 key to the well
1 well bailer
1 folder of reference materials
1 jar of Calibration solution
Extra thin stem pipettes
Extra batteries

Each small pack contains:
1 double-sided instruction card
1 Oakton ECTestr 11, with cap taped to lanyard
1 120 mL squirt bottle of distilled water
1 50 mL plastic beaker
1 thin stem pipette

At least one a semester, you should calibrate the ECTestrs.

This is simple.
1. Remove the top and bottom caps. The top cap unscrews.
2. Turn the power on.
3. Press one of the buttons in the battery compartment on the top.
4. Put the probe tip in the Calibration Standard.
5. Swirl around until the top number is stable.
6. While the probe is still in the liquid, press the Hold/ENT button.
7. Remove from the liquid.
8. To see if you did it right, put the probe back into the standard and the meter should read 1410.
9. Rinse the probe with distilled water and replace the caps.

Please reorganize and replenish the water after you borrow the pack.