

Mangawhai Beach School
Water Quality Group
Possible equipment of interest

21 November 2014

Dear Parents /Caregivers

Your child participates in the water testing group run on a Thursday morning at MBS. Some of the students have expressed a wish to have some equipment "at home" to undertake their own examinations so I have set out below the equipment that might be of interest to you.

A small amount of the equipment we have been using for testing the water and examining the small water "beasties" has been borrowed from the Northern Regional Council, but much I have purchased from EBay (mostly from China / Hong Kong).

Prices vary a bit and fluctuate with currency, so I have added a little bit more to each; if they are actually cheaper I will refund any difference.

USB 2 MP 50-500X Digital Microscope

Cost ~\$30.00

Plugs into computer, look directly at sample, plus stake photos and videos.

Sample video of one of the aquatic insects the children "caught"

<https://www.youtube.com/watch?v=Blqovmny-1M>

Digital pocket pH meter

Cost ~\$12.00

Digital pocket TDS / salt meter

Cost ~\$20.00

Might be a good challenge to ask your child what the different instruments do!

Please send any request back with the kids by 25 November (so I can order ASAP and hopefully delivery mid-December) – or contact me at johndickie05@gmail.com or ring 431 4873.

Payment on delivery.

Regards
John