

Pond Study set-up checklist

Several Days before: Let Sergio know you need TWO tables in the bamboo garden

Check if there will be another large tour in garden the same day and decide if pond area needs to be closed until noon.

Print enough pond study work sheets for both classes and put a full set on all the clip boards. Make sure pencils are sharpened. Leave clipboards with papers in Larabee until morning of pond study.

Print enough temperature recoding sheets for both classes (8)

Afternoon before first day: Bring all equipment down to tables.

(Get a cart or use your car to make it one trip)

Put Station signs in ground at each station. 1,2,3,4

Put table cloths on both tables.

Fill plastic tanks with pond water, fish, and plants (algae) and set out on one table. Cover with another table cloth. You may need to weight it down.

Set out scopes on second table. Fill with water and put different plants in all but two scopes. **DO NOT PUT TOPS ON THE SCOPES.** (They will fog up overnight.) Cover table with another plastic tablecloth. You may need to weight it down.

Fill bucket with pond water. Put one large thermometer in water. Place bucket in shade near Station One. Put second large thermometer which is on a pole into ground near the bucket at Station One

Put remaining supplies under a table and cover with a table cloth.

Morning of Pond Study

Put clip boards and pencils at visitors center benches

At the pond area:

Take covering table cloths off

Spread a table cloth and blanket on the path at Station One for temperature reading. Put out 5-6 kneelers on blanket.

Put a clip board, temperature papers and pencils for temperature recording at Station One

Put out 5-6 kneelers at pond near Station 3 sign.

Take 10 Frog Math frogs and child measuring stick to Station 4 sign. Put 5-6 kneelers on side of path near Japanese house.

Put fish and water into two remaining scopes. Put the covers on all the scopes. Place a small bucket of water on scopes table for refilling along with paper towels and extra pencils.

You can leave set-up assembled for next day but take fish out of scopes and take tops off scopes before covering table. Put supplies under tables and cover like for the first day. Reassemble in the morning.

Supplies for Pond Study

6 rectangular plastic fish tanks

8 Square and round scopes for magnified viewing

Two fish catching nets

28 Clip boards

18-20 Kneelers

6-8 Plastic table cloths

Paper towels

Large water bucket

Small water bucket or pitcher

Markers and pencils

10 laminated frogs

1 bamboo child measuring stick

4 signs on posts

Two large thermometers, one is taped to post

Ladybug blanket

Clipboard for temperature reading papers

Final clean-up: Return water and fish and plants to pond. Dry scopes and fish tanks. Be sure to take scopes apart to store and put paper towels between each fish tank before stacking.

Date: _____ Time : _____

Weather:

Sunny Rainy Cloudy Windy



Temperature of Water _____



Temperature of Air _____