WATER EXPLORATION STATION GUIDE

- **Materials**
  - Print several copies of the “Lakeside Learning” document available in the “Accompanying Resources” section for the Great Salt Lake Field Trip Guide on the Great Salt Lake Institute website.
  - Clear plastic cups (transparent not translucent), enough that each student can have one.
  - Optional: If you have access to a table, portable microscopes, and a few empty petri dishes you can create a nice spot for students to examine the things they’ve found in the water.
    - Alternatively, you can bring along some magnifying glasses or jeweler’s loupes for students to take a closer look at the things they find.

- **Set-up**
  - Find a spot near the shoreline, and set out the “Lakeside Learning” documents such that they won’t blow away.
  - Ensure there are enough cups for each student to have one.
  - Set up microscopes if available, or set out magnifying glasses/jeweler’s loupes.

- **The activity**
  - This station is all about getting students exploring in the water! Remind students that Brine Shrimp and Brine Fly larvae are the most common animals in the water, but that they might find other things like algae or human litter as well.
  - Instruct students to each take a cup and go search the water. Students should scoop up samples of water and look to see if they have scooped anything interesting. When a student finds something exciting, they should bring the sample back and see if they can match what they see in their cup to one of the items on the “Lakeside Learning” sheet.
  - If available, students can use a magnifying device to take a closer look at the items in their sample.