

COOL, CLEAR WATER

1. Introductions
2. Refer to map. Lead discussion about locations and uses of lakes in the state.
3. Show video. Discuss citizen monitoring and water clarity
4. Divide class into 3 groups, assigning an adult helper to each group. Group 1 to column 1, group 2 to column 2, group 3 to column 3.

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7. Column 3 with tea mix. This represents a lot of algae and biological material in a lake. Have students dip secchi disk. Visibility should be very poor. Demonstrate point to rest of the class using the third glass jar. Point out that in this case, there is no settling of sediment. Discuss the possible health of a lake such as this would be with this type of water quality
8. Regroup class and ask them to be seated. Review each column and its water quality. Lead class in a discussion

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5. Column 1 with clean water. Demonstrate using clean water jar. Have student dip secchi disk. Discuss the health of a lake with crystal clear water.
6. Column 2 with soil water. Have students dip secchi disk and discuss water clarity. Demonstrate using jar number 2. Shake jar to show water/sedimentation being stirred up. Use plunger on column 2. Have students dip secchi disk again. Discuss the difference between the two dippings and the health of the lake.

about getting involved in a lake monitoring program.

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9. Give each student a “Plant Chance” bookmarker. Encourage them to do the experiment at home.
10. Thank everyone for participating, compliment behavior and answer any questions the children may still have
11. Rewind video to “clip” section