
2023 Aquatics Resources for 3rd & 4th Grades

Ponds and Lakes

Testing Resources:

1. Ponds & Lakes
2. Seasons of a Pond (fishing tips) – PLAY
3. Sunfish Family – PLAY (p. 1-5)
4. Yellow Perch – PLAY (All About Perch p. 3)
5. Chain Pickerel – PLAY (All About Pike p. 3)
6. PA Handsome Hoppers – PLAY (p. 1-5)
7. Fun with Frogs – Frog Sounds – YouTube: Learning the Frog Sounds of Calvert County, Maryland (disregard green tree frog) - <https://www.youtube.com/watch?v=aPIWrEl84-I>
8. Where Do They Go in Winter? – PLAY (p. 1-6)
9. A Day at the Lake - PLAY

Focus:

- Know key features of Ponds & Lakes (habitat zones, aquatic plant location/benefits)
- Understand a simple water cycle and simple food web (or energy cycle)
- Be able to identify creatures found in pond/lake by live sample, photo, drawing or mounted specimen
- Familiarize yourself with all study resources. If it is in the study resources, expect to be asked a question about it.
- Does spelling count? It might be the only way to break a tie. And is it fair to give credit to the team that spells “Phosphorus” correct and the team that spells it “Fosforus?” Tell your students to do their best with spelling.

Sample Questions:

Which amphibian has dry skin that is bumpy and warty

- a. Frogs
- b. Toads**
- c. Salamanders

Green plants convert the sun’s energy (it’s heat) into food during what process?

- a. Photosynthesis**
- b. Condensation