

255 Center School Road
W. Charleston, VT 05872
November 14, 2017

Dear ELPA,

Last year in fourth grade we had Jason from Siskin come and do science. We did science on the Echo Lake ecosystem. We learned about oligotrophic and eutrophic lakes. Oligotrophic is when a lake has low levels of nitrogen and phosphorus. Eutrophic is the opposite of oligotrophic which means eutrophic has high levels of nitrogen and phosphorus. Echo lake is oligotrophic. We also learned about K-selects and R-selects. K-selects are animals that live a long life, grow slowly, reproduce later in life and have few off-springs. R-selects are animals that live a short life, grow quickly, have lots of babies and are able to reproduce at a young age. This information is good to know because you might need to know it later in life so you can teach other people to tell if a lake is healthy or not.

Sincerely,
Michaela