

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 the science on the Echo Lake Ecosystem. We learned a lot. I liked it the most when we learned about R-selects and K-selects. R-select species are unlikely to go extinct because they are able to reproduce very young. When they do reproduce they have lots of babies, grow quickly, and they have a short life span. K-selects are vulnerable to go extinct.

They live a long life and grow slowly. They also reproduce later in life, and they have few off-springs. So I thought it was cool that we were K-selects. I really liked learning about that. We also learned about oligotrophic and eutrophic. Oligotrophic is a lake that has low levels of nitrogen and phosphorus. Eutrophic is a lake that has high levels of nitrogen and phosphorus. Echo lake is an oligotrophic lake, which is good for swimming, good source for drinking water, deep and cold water. That was probably the most important thing we learned all year.

Sincerely,
Sabine