

Lesson 2: Going Fishing

Objectives:

Students pretend to go ice fishing for Northern Pike. As they catch fish they count and compare sizes of their catch. Students safely play with magnetic fishing rod, take turns, learn to identify Northern Pike, and compare lengths of fish by using terms: smaller, bigger, longer, shorter.

Essential Questions:

What is a pike? When do we catch pike?



Alaska Native Values:

A subsistence lifestyle, respectful of and sustained by the natural world, learning by doing, observing and listening, Stewardship of the animals, land, sky and waters

Standards:

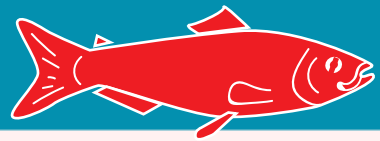
- L10. Follows directions.
- L14. Recalls people, places, objects and experiences and makes connections.
- L21: Demonstrate eye hand coordination in different tasks.
- M3. Describes and compares measurable attributes.
- M4. Counts orally, counts objects, and names numerals.

Promoting Culture Self Assessment

- I select props for the dramatic play area that are culturally diverse including those that reflect Alaska Native culture
- I ensure that the toys and play accessories that depict people are representative of the various cultural and ethnic groups both within my community and society in general.
- I encourage and provide opportunities and experiences for children that support Alaska Native Culture.

Whole Group	Whole Group	Math/Science Center
Materials: Pike Lures (5 in kit) Magnetic fishing rod (in kit) Bucket filled with water or overturned box with hole	Materials Pike	Materials: Pike Commerical boat Other floatable items
Activity: See below activity.	Activity: Ask a community member to share how they process a pike. If they have one they caught the students would love to see how it is cut up. You can also see what pike have been eating when the fish is being processed. While community member is cutting up the fish ask them to share what they know about the different parts of the fish. Where are the lungs? The heart? Intestines? Have students make connections between their body parts and the fish.	Activity: Use class commercial boat (from fishing kit) or another item you can pretend to be a boat. Play sink or float. Add fish to the boat until it tips over. Small plastic cube blocks or other things that will float to the boat. Have students count them as they add more things onto the boat.

Activity



Engage: Whole Group Activity: Going Fishing (time 15-20 min)

Set up fishing center. Start by asking students to share their experiences of fishing. It is important that students practice using the rod like a real fishing rod. Care should be taught to be aware so that when they do go fishing they don't hurt themselves or others.

Ask students *"When we fish we use hooks that look like food to fish so the fish will grab on to the hook and get caught. We want fish to get caught on the hook but we don't want to get caught! So how can we be safe when we are fishing so we don't get caught with a hook?"*

It is also important they are taught to take care of the fishing rod so line isn't left out for others to get caught up in and to preserve the life of the rod. Show students how to unravel and ravel line back up on the rod. Let them practice. Go over rules:

1. Like a real fishing rod that has a hook at the end this end can also hurt if you're not careful. Don't swing the line around (you can demonstrate what not to do)
2. This fishing rod is our class tool so we have to be careful to treat it right. This is how you take the line out (demonstrate how to unravel the line to go fishing). And this is how you put it back when you are finished (demonstrate putting the fishing line back).

Explore: Touch, Agturu, Agtur, Vandaniilchit

Show students how to fish and catch all the fish. When all fish are caught demonstrate how to lay fish in order from smallest to biggest. Then show how when finished you ravel line back up to let someone else take a turn fishing.

Set up as a center and have students play fishing during center time. Observe to see if students can catch fish, sort by smallest to biggest (or vice-versa) and ravel rod line to put away.

Explain: Talking, Niugtuk, Qalarte, Qenax

"We can use measuring sticks to tell us the length of each pike or we can set them right next to each other to compare which one is bigger and which one is smaller."

Evaluation

Emerging:

The student plays ice fishing with the fishing rod and pike but needs reminding of rules.

Developing:

The student can fish and consistently follows the rules for fishing.

Proficient:

The student follows rules and can count all of the fish caught.

Advanced:

The student follows rules, can count all fish, and sorts fish. A time or experience they (or someone they know) went fishing.