

## ENRICHMENT: Each One Teach One

**Objectives and Summary:** We have all heard the axiom, “You learn something best when you teach it to others.” In this activity, students will participate in a hike during which they will become teachers of their peers, as well as being active learners themselves. This is a fun and engaging way of helping students become active participants in an educational hike; Leapfrog learning is another way to describe this lesson.

### Materials

- One set of “Each One Teach One Cards” from your teacher tool box. There are 2 versions: Forests, and Critters. Or, you could use your Plant Drama cards instead.

**Location and Duration:** On the trail, about 30-40 minutes.

**HS Leader Role:** High School leaders send students to station 1 when prompted/as needed (see below) and play games or facilitate reflection with students who are waiting to start down the path. Leaders may also walk up and down the trail to monitor engagement and to assist students with reading the information on the cards.

### Procedure

**Introduction:** Using cones, leaves, or pieces of wood to represent the group, give a visual demonstration of how the activity will work. Explain that the pile of cones, for example, represents the group now standing where you are. Use one cone to represent yourself. Explain the following:

**Lesson/Activity:** Tell students that you are going to find something in the forest community that is important or interesting that you would like them to know about. Once you find that spot you will stop there. The first stop will become Station #1. Station #1 should be close enough to the group to call for additional students, when ready. In 1-2 minutes, the leader (who stays with the group) will send two students down the trail to find Station #1. You will teach those students about that plant (or other subject). They should read the card associated with this station and retain 2-3 facts about the plant to teach to the next group (they can keep the card for reference). Then you will continue down the trail—leaving the students at Station #1 to become the teachers at that spot. In another minute, the leader will send two more students down the trail. These two students will stop at Station #1, learn from the first students, and then continue down the trail to you where they will be given a teaching spot, Station #2. Every minute or two, another 2 students are sent down the trail from the waiting group. They proceed through all of the previous stations, and eventually progress to the front of the line and become teachers for the next station. This continues until the whole group is spread along the trail and all the learning cards are in use.

When all the students are spread along the trail and all the cards are in use, the teacher returns to Station #1 and then sends those students down the line to learn from Station #2, #3, #4, and so on. Once the Station #1 students finish learning from all the other stations, they will pass the last Station and form a new gathering spot on the other end of the trail – opposite the starting point. The teacher or leader



bringing up the end of the line sends the Station #2 students to learn and this process continues until all students have learned from all other students and the whole group gathers at the new gathering spot.

**Note:** *A common mistake in this lesson is that the leader or teacher bringing up the rear directs the group to “snowball”, i.e., sends the station 1 students to the station 2 students, and after the instruction, sends both station 1 and 2 to station 3. This is incorrect, and will result in the final station only having one opportunity to teach their lesson, instead of several opportunities for repetition as the earlier groups will have had. Instead, the correct method would be to send station 1 students to station 3, after they have finished at station 2. Wait with station 2 students, and send them to station 3 after station 1 students have moved onto station 4. Repeat this method until the end. This is a subtle mistake that makes a big difference!*

**Conclusion:** At the end of the hike, give students a “pop quiz” by giving them clues from each station and asking what they remember from it.

**Variations:** Divide your students into pairs or small groups. Give each pair/group one card and have them present the information on the card in the form of a skit, song, dance, commercial etc. to the rest of your class (see Plant Dramas lesson plan).

**Notes:**



*Waskowitz Outdoor School is a magical journey of discovery exploring the diversity of people and nature, while providing a safe, high quality, affordable residential experience for the students of the greater Puget Sound area.*