

Leading in Nature
Lesson Plan Example - Arbutus

Your Name - Dustin Dawson

Lesson Title - Arbutus menzeisii

Time Limit - 25 minute lesson maximum and 15 minutes for assessment and review of assessment – 40 minutes total.

Objectives -

Students will be able to recall the latin name of the Pacific Madrone.

Students will be able to describe the leaf characteristics and arrangement on the stem.

Students will be able to describe the unique bark, flowers and fruits of the madrone.

Students will be able to explain the climate/soil requirements for the madrone.

Students will be able to explain the Fire ecology of the madrone.

Students will be able to explain the successional role the madrone plays.

Progression -

1. Students will go through 5 stations to learn all about Arbutus. Each station will last 4 minutes.

Station 1 - Climate/soil requirements -Write out the scientific name of Pacific Madrone - Students read a poem that describes the climate and soil requirements. Each student reads the poem aloud once, then individuals write out all that they can remember. Read the poem again and fill in any missing pieces.

Station 2 - Bark, flower and fruit characteristics - Write out the scientific name of Pacific Madrone - Students describe the bark, flowers and fruit(from picture).

Station 3 - Fire ecology - Write out the scientific name of Pacific Madrone - Students will listen to and repeat a short song about the fire ecology of the madrone.

Station 4 - Leaf characteristics - Write out the scientific name of Pacific Madrone - Students write out a description of the leaf shape and arrangement on the stem.

Station 5 - Successional role - Write out the scientific name of Pacific Madrone - puzzle pieces. Each student gets a piece of a short story. Pieces are not in order and need to be put together to make sense.

2. After station review activity: Stand in a circle and throw a ball around the circle. Each time the ball changes hands, I ask a different question. (5 minutes)

3. Students take assessment. (7 minutes)

4. Clarifications and re-teaches after assessment. (8 minutes)