



Tree Needs Puzzle

Materials: Print page of tree “needs” on colored paper. Make 15-20 different color pages. One for each student. Laminate pages and cut on dotted lines to make a puzzle.

Set up:

Scatter the puzzle pieces of the 4 things plants need to grow on the ground.

Instructions:

Tree (plant) Needs

Ask students, “What are the 4 things plants need to grow?” Make sure they come up with the 4 answers of water, sunlight, carbon dioxide (air) and mineral nutrients (soil).

Explain to students they are going to receive the center of a puzzle and they need to find the 4 needs of their tree to complete their puzzle. Ask if they have a sun, are they going to pick up another sun? (No)

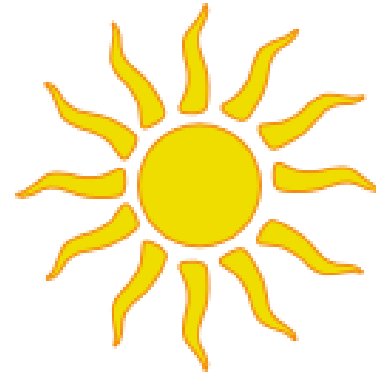
Give each student or pair of students their tree (plant) circle and have them find their needs and make their puzzle.

Have students place their puzzle pieces in 2 piles-circles and non-circles.

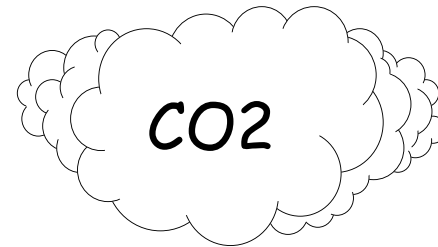
Minerals and Nutrients



Sunlight



WATER

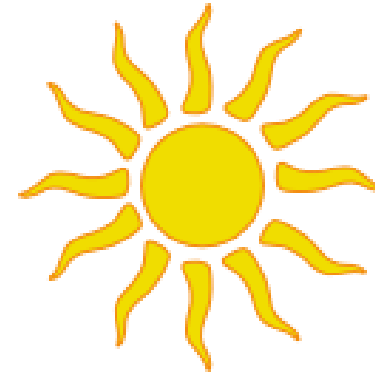


Carbon Dioxide

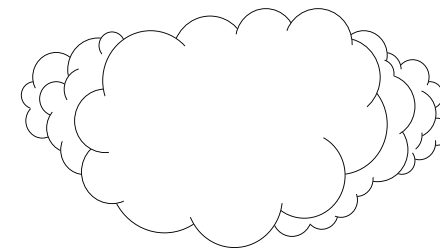
Minerals and Nutrients



Sunlight



WATER



Air