



Tree Talk

Target Grades: 1st, 2nd, 4th

The students will investigate and understand the role trees play in a system as a living thing with multiple functional parts, as well as the reproductive systems and other function each part of the tree contains.

Format & Requirements

Teachers may borrow this capsule for week, including all of the activities, books, and teacher guides.

Activities & Resources

- Activities include
- Every Tree for Itself
 - Leaf Rubbing
 - Examples of products from trees
- Books:
- "A Fruit is a Suitcase for Seeds"
 - "The Great Kapok Tree"
 - "Tell Me, Tree"
 - "The Lorax"
 - "Why Do Leaves Change Color?"
 - "Once There Was a Tree"
 - "A Tree for All Seasons"
 - "A Walk in the Deciduous Forest"
 - DK Eye Know--- "Tree"
- Teacher Guides: Trees are Terrific, Tree Homes, Urban Forest Activity Book
- CDs: Billy B "Sings about Tress" (this CD contains fun songs about sprouts, seeds, tree parts, photosynthesis and decomposition)
- Other Resources:
 How a Pencil is Made Kit
 How a Tree Grows Lot

Standards of Learning	<p>1.4 The student will investigate and understand that plants have basic life needs and functional parts and can be classified according to certain characteristics. Key concepts include</p> <ul style="list-style-type: none"> a) Plants need nutrients, air, water, light, and a place to grow; b) Basic parts of plants; and c) Plants can be classified based on a variety of characteristics. <p>2.4 The student will investigate and understand that plants and animals undergo a series of orderly changes as they mature and grow. Key concepts include</p> <ul style="list-style-type: none"> b) Plant life cycles. <p>2.8 The student will investigate and understand that plants produce oxygen and food, are a source of useful products, and provide benefits in nature. Key concepts include</p> <ul style="list-style-type: none"> a) Important plant products are identified and classified; b) The availability of plant products affects the development of a geographic area; c) Plants provide oxygen, homes, and food for many animals; and d) Plants can help reduce erosion. <p>4.4 The student will investigate and understand basic plant anatomy and life processes. Key concepts include</p> <ul style="list-style-type: none"> a) The structures of typical plants and the function of each structure; b) Processes and structures involved with plant reproduction; c) Photosynthesis; and d) Adaptations allow plants to satisfy life needs and respond to the environment.
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