

## Wood



### TEKS:

**K.1 Follow home and school safety procedures.** The student is expected to:

**a. demonstrate** safe practices during classroom and field investigations.

**K.5 Organisms, objects, and events have properties and patterns.** The student is expected to:

**a. describe** properties of objects and characteristics of organisms;

**b. observe** and **identify** patterns including seasons, growth, and day and night and predict what happens next; and

**c. recognize** and **copy** patterns seen in charts and graphs.

**K.6 Systems have parts and are composed of organisms and objects.** The student is expected to:

**a. sort** organisms and objects into groups according to their parts and describe how the groups are formed;

**b. record** observations about parts of plants including leaves, roots, stems, and flowers;

**d. identify** parts that, when separated from the whole, may result in the part or the whole not working, such as cars without wheels and plants without roots.

**K.7 Many types of change occur.** The student is expected to:

**a. observe, describe, and record** changes in size, mass, color, position, quantity, time, temperature, sound, and movement.

**K.8 There are differences between living organisms and nonliving objects.** The student is expected to:

**a. identify** a particular organism or object as living or nonliving; and

**b. group** organisms and objects as living or nonliving.

**K.9 Living organisms have basic needs.** The student is expected to:

**c. identify** ways that the Earth can provide resources for life.

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### Teaching Time Line

Day	Lesson Title	Thinking Map	Sessions time	Instructional Method
1	Inventory, report any missing materials		45 min. prep. time	Teacher
2	1. Introduction to Wood Samples	Circle	30 min.	Whole group
3	2. Wood Hunt		30 min.	Whole group
4	3. Wood and Water		30 min.	Center
5	4. Sink the Pine and Plywood		30 min.	Center
6	5. Sinking Investigation		30 min.	Center
7	1. Sanding Wood		30 min.	Center
8	2. Sawdust and Shavings		30 min.	Center
9	3. Making Sawdust Wood		30 min.	Center
10	4. Making Sandwich Wood		30 min.	Center
11	5. Nailing		30 min.	Center
12	6. Staining		30 min.	Center
13	7. Wood Sculptures		30 min.	Center
14-17	Review, <b>ASSESS</b> , Reteach as Needed			