

MATERIALS LIST- FORESTRY WEEK 2008

"The Fire Story- An Unpredictable Truth"

NB- These kits can be borrowed from your local zone forest educators- see "Contact Us" on website.

- **Useful Samples:** Fire scarred tree cookies or a piece of burned bark or a small section of burned tree for Lesson Intro; Piece of thick bark from Douglas fir or Ponderosa pine to display for Section 4 (Intro bullets.)
- **Activity Boards:** If you wish to make your own using recycled cardboard, approx. 24" x 36", see picture for reference. **These fire boards can also be borrowed-info above.**
 1. Fire Triangle
 2. Labels: HEAT/ OXYGEN/ FUEL
 3. Pictures- copy onto cardstock/ use Velcro squares for attaching
 - flames for center of triangle
 - campfire
 - matches
 - lightning
 - cloud/wind
 - trees/branches, paper/leaves
- **Overheads-** 5 in total. See attachments below to make copies or borrow from forest educators-info at top of page.
 1. Fire Types:
 - ◆ Stand Maintenance fire- 1 pic (4.0)
 - ◆ Stand Replacement fire- 2 pics (4.0)
 2. Factors affecting fire:
 - ◆ Fuel: heavily forested area vs open forest (3.0)
 - ◆ Topography: steep forested area vs flat terrain (3.0)
 - ◆ Climate: wet vs dry Forests(3.0)
 3. Taking action against fire:
 - ◆ Action: Plane dropping fire retardant (6.0)
 - ◆ Prevention: Prescribed burn/fire guard (6.0)
- **Candle experiment:** Votive candle/ glass jar lighter
- **Teacher Resources**
 - Website & Fire book listing
 - Fire facts page
 - **Fire Poster-** to download, see Resources on Learn Forestry website, under "Forest Fire poster".