Extension Education in Forest Products in The Experimental Forest of National Taiwan University

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The Experimental Forest with 32,782 ha is located in the mountains of central Taiwan.

According to topography and manageability, the Experimental Forest is divided into 6 Tracts.
Missions

Education
Research
Forest management
Environmental conservation
Reasons:
- Depletion the wood resource
- Raising of forest conservation issues

Solutions:
- Appropriate utilization of forest products
- Sustainable, and high value-added.
- Combination of environmental education with the recreation industry
Four Extension Education in Forest Products

- Do-it-yourself wood working
- Utilization of bamboo charcoal
- Hand made paper
- Extraction of essential oil
1. Do-it-yourself wood working(1)
Explanation & Demonstration
1. Do-it-yourself wood working(2)
Assemble
1. Do-it-yourself wood working(3)
Sanding & Painting
1. Do-it-yourself wood working(4)
Final work
2. Utilization of bamboo charcoal (1)
Carbonized raw bamboo cup
2. Utilization of bamboo charcoal(2)
Explanation
2. Utilization of bamboo charcoal (3)
Affix coloring tissue paper
2. Utilization of bamboo charcoal (4)

Final work
3. Hand made paper(1)
Paper Formation
3. Hand made paper(2)  
Peeling paper mat & Dehydration
3. Hand made paper (3)
Drying by furnace
3. Hand made paper(4)
Drying in air & Final work
4. Extraction of essential oil(1) Facility
4. Extraction of essential oil (2)
Explanation
4. Extraction of essential oil (3)
Extraction from leaves
4. Extraction of essential oil (4) Add essential oil to soap
4. Extraction of essential oil(5)
Final work - aromatic soap
Propagation of conservation concepts & forest policies

- Utilization of plantation wood
- Carbon sequestration
- Reduction of carbon dioxide emissions
- Appropriate utilization of bamboo
- Medical utilization of wood extracts.
Conclusion

- Establish well known reputation
- People learned update information of forestry
- Understand the efforts of forest authorities
- Increasing the revenues of recreational area.
Thank you for your attention.