

Name \_\_\_\_\_








2-PS1-2

# Materials Testing






## Material Purpose

Book shelf to hang on wall.

### Criteria

Strength	Flexibility	Hardness	Texture	Absorbency
				
weak <input type="checkbox"/> strong <input checked="" type="checkbox"/>	flexible <input type="checkbox"/> rigid <input checked="" type="checkbox"/>	hard <input checked="" type="checkbox"/> soft <input type="checkbox"/>	smooth <input checked="" type="checkbox"/> rough <input type="checkbox"/>	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>

## Material Properties

Materials	Strength 	Flexibility 	Hardness 	Texture 	Absorbency 
Wood plank	weak <input type="checkbox"/> strong <input checked="" type="checkbox"/>	flexible <input type="checkbox"/> rigid <input checked="" type="checkbox"/>	hard <input checked="" type="checkbox"/> soft <input type="checkbox"/>	smooth <input type="checkbox"/> rough <input checked="" type="checkbox"/>	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
Paper	weak <input checked="" type="checkbox"/> strong <input type="checkbox"/>	flexible <input checked="" type="checkbox"/> rigid <input type="checkbox"/>	hard <input type="checkbox"/> soft <input checked="" type="checkbox"/>	smooth <input checked="" type="checkbox"/> rough <input type="checkbox"/>	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
Sponge	weak <input checked="" type="checkbox"/> strong <input type="checkbox"/>	flexible <input checked="" type="checkbox"/> rigid <input type="checkbox"/>	hard <input type="checkbox"/> soft <input checked="" type="checkbox"/>	smooth <input type="checkbox"/> rough <input checked="" type="checkbox"/>	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
Glass	weak <input type="checkbox"/> strong <input checked="" type="checkbox"/>	flexible <input type="checkbox"/> rigid <input checked="" type="checkbox"/>	hard <input checked="" type="checkbox"/> soft <input type="checkbox"/>	smooth <input checked="" type="checkbox"/> rough <input type="checkbox"/>	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>