

## WOOD AND TREATED WOOD



Complete this concept review handout and keep it as a record of what you have learned.

### DEFINITIONS

- Wood is \_\_\_\_\_  
\_\_\_\_\_
- Modified wood is \_\_\_\_\_  
\_\_\_\_\_

### MECHANICAL PROPERTIES OF WOOD

Mechanical property	Variation among species
Hardness	Hardwood is harder than softwood. Healthier trees have a higher level of hardness.
_____	_____ _____
_____	_____ _____
_____	_____ _____
_____	_____ _____
_____	_____ _____

### FACTORS AFFECTING THE MECHANICAL PROPERTIES OF WOOD

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### REASONS WOOD IS COMMONLY USED IN THE MANUFACTURE OF TECHNICAL OBJECTS

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



## PRINCIPAL SPECIES OF WOOD USED IN QUÉBEC

Category	Species
_____	_____
	_____
	_____
_____	_____
	_____
	_____

## MAIN TYPES OF MODIFIED WOOD

Modified wood	Manufacturing process
_____	Made by heating wood to high temperatures or by dipping it into a copper-based chemical product.
_____	_____
_____	_____
_____	_____
_____	_____

## ADVANTAGES OF USING MODIFIED WOOD

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_