

Grade 3: Observation Template for Mangrove Trees

Team Members: _____ Date: _____

Starting Point: _____ Line Transect: _____

INSTRUCTIONS:

- Look at the mangrove trees within an arm’s length on either side of your line transect.
- Observe the physical characteristics of the mangrove trees.
- Record the number, description of physical characteristics (such as “long, pointy leaves”) and/or name if known (such as “Nypa”) of each tree in appropriate blocks.
- Draw your observations along the line transect on a separate sheet of paper.

Mangrove Trees to the LEFT of the Line: numbers, physical characteristics, name (if known)	Foot	Mangrove Trees to the RIGHT of the Line: numbers, physical characteristics, names (if known)
	0	
	1	
	2	
	3	
	4	

Mangrove Trees to the LEFT of the Line: numbers, physical characteristics, name (if known)	Foot	Mangrove Trees to the RIGHT of the Line: numbers, physical characteristics, names (if known)
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	

Mangrove Trees to the LEFT of the Line: numbers, physical characteristics, name (if known)	Foot	Mangrove Trees to the RIGHT of the Line: numbers, physical characteristics, names (if known)
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

Grade 4: Observation Template for Mangrove Swamp

Team Members: _____ Date: _____

Starting Point: _____ Line Transect: _____

INSTRUCTIONS:

- Look at the plants and animals within an arm’s length on either side of your line transect.
- Observe the physical characteristics of the plants and animals. For plants, measure the height of each plant.
- Record the number, description of physical characteristics (such as “as big as my hand”), and name (such as “mangrove crab”) of plant and animal in appropriate blocks

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, and names	Foot	Plans and Animals to the RIGHT of the Line: numbers and physical characteristics, and names
	0	
	1	
	2	
	3	
	4	

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, and names	Foot	Plans and Animals to the RIGHT of the Line: numbers and physical characteristics, and names
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, and names	Foot	Plans and Animals to the RIGHT of the Line: numbers and physical characteristics, and names
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

Grade 5: Observation Template for Mangrove Swamp

Team Members: _____ Date: _____

Starting Point: _____ Line Transect: _____

INSTRUCTIONS:

- Look at the plants and animals within arm's length on either side of line.
- Observe the physical characteristics of the plants and animals. For plants, measure the height of each plant.
- Observe the physical characteristics of the mangrove swamp: height of water, turbidity, and soil texture.
- Record number, description of physical characteristics, (such as "as big as my hand") and name (such as mangrove crab) of your observations in Table 1. Record water height, turbidity, and soil texture in Table 2.

Table 1

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, name	Foot	Plans and Animals to the RIGHT of the Line: numbers, physical characteristics, name
	0	
	1	
	2	
	3	
	4	

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, name	Foot	Plans and Animals to the RIGHT of the Line: numbers, physical characteristics, name
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, name	Foot	Plans and Animals to the RIGHT of the Line: numbers, physical characteristics, name
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

Table 2

Water Height, Turbidity, and Soil Texture to the LEFT of the Line	Foot	Water Height, Turbidity, and Soil Texture to the RIGHT of the Line
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	

Water Height, Turbidity, and Soil Texture to the LEFT of the Line	Foot	Water Height, Turbidity, and Soil Texture to the RIGHT of the Line
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	

Water Height, Turbidity, and Soil Texture to the LEFT of the Line	Foot	Water Height, Turbidity, and Soil Texture to the RIGHT of the Line
	16	
	17	
	18	
	19	
	20	