

## Exploring Ramla Bay - Data Recording Sheets

Beach Name: \_\_\_\_\_ Co-ordinates: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### **Part 1 - Exploring the beach.**

The number of beach users at the time of visit (approximate is okay, e.g., 5 people).

\_\_\_\_\_

Give a small description of what you see on the beach.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Do you see any recreational areas?

\_\_\_\_\_

Are there any plants and trees?







\_\_\_\_\_

Can you think of any characteristics that plants/trees growing next to the sea must have?

\_\_\_\_\_  
\_\_\_\_\_

### **Part 2: Observing the Weather**

a. How is the weather today? Circle the correct picture of the current weather.

		
Sunny	Sunny Intervals	Windy
		
Cloudy	Rainy	Thunderstorms

b. What is the light intensity? Mark the most relevant for the day.

Mark ✓ the most relevant for the day.

Light intensity	Meaning	
Very bright	Full sunshine	
Bright	Sun behind patchy cloud or overhead trees	
Dull	Sun obscured by full cloud or thick tree cover	
Gloomy	Overcast sky, raining or dense tree cover	

**Part 3: Silence Exercise - Observing and connecting with the natural environment.**

Don't move or make any noise and listen carefully for one to two minutes.

Use all your senses to hear the sounds and observe the environment, such as feeling the sand between your toes, smelling the salty air, and watching the movements of the waves.

Fill in the table below;

Sounds you heard	Sensations you felt	Observations you made



#### **Part 4: Investigating Marine Litter**

Are there any garbage bins and recycle bins around? \_\_\_\_\_

If yes, are the bins on the beach being used properly? \_\_\_\_\_

Are they easily accessible and visible to beachgoers? \_\_\_\_\_

Is there any litter on the beach? \_\_\_\_\_

How effective do you think the garbage bins are in reducing litter on the beach?

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Have you noticed any differences in the amount of litter present in areas with and without garbage bins?

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#### **Part 5: Beach clean-up and litter survey**

Staying in the same group, collect all litter found in your assigned section (use gloves and garbage bags provided).

As you collect the litter, record the following information on the litter survey datasheet:

- The type of litter (e.g., plastic bottles, cigarette butt, food wrappers)
- The quantity of each type of litter (e.g., 5 plastic bottles, 20 cigarette butts, 10 food wrappers)



#### **Attention!!**

Collect some sand in the container provided. The sand samples will be returned to the beach at the end of the activity.

SEA-ing the Problem: Marine Litter Crisis

Author: Ms Ramona Mercieca  
[ramona.mercieca@ilearn.edu.mt](mailto:ramona.mercieca@ilearn.edu.mt)

