

A Visit to Xrobb I-Għagin Nature Park and Wildlife Rehabilitation Centre



Primary Year 4 Social Studies Fieldwork

Name: _____

Date: _____

Class: _____

School: _____

Season of visit:

Autumn

Winter

Spring

Summer



FIRST STOP: MUNXAR VIEWPOINT

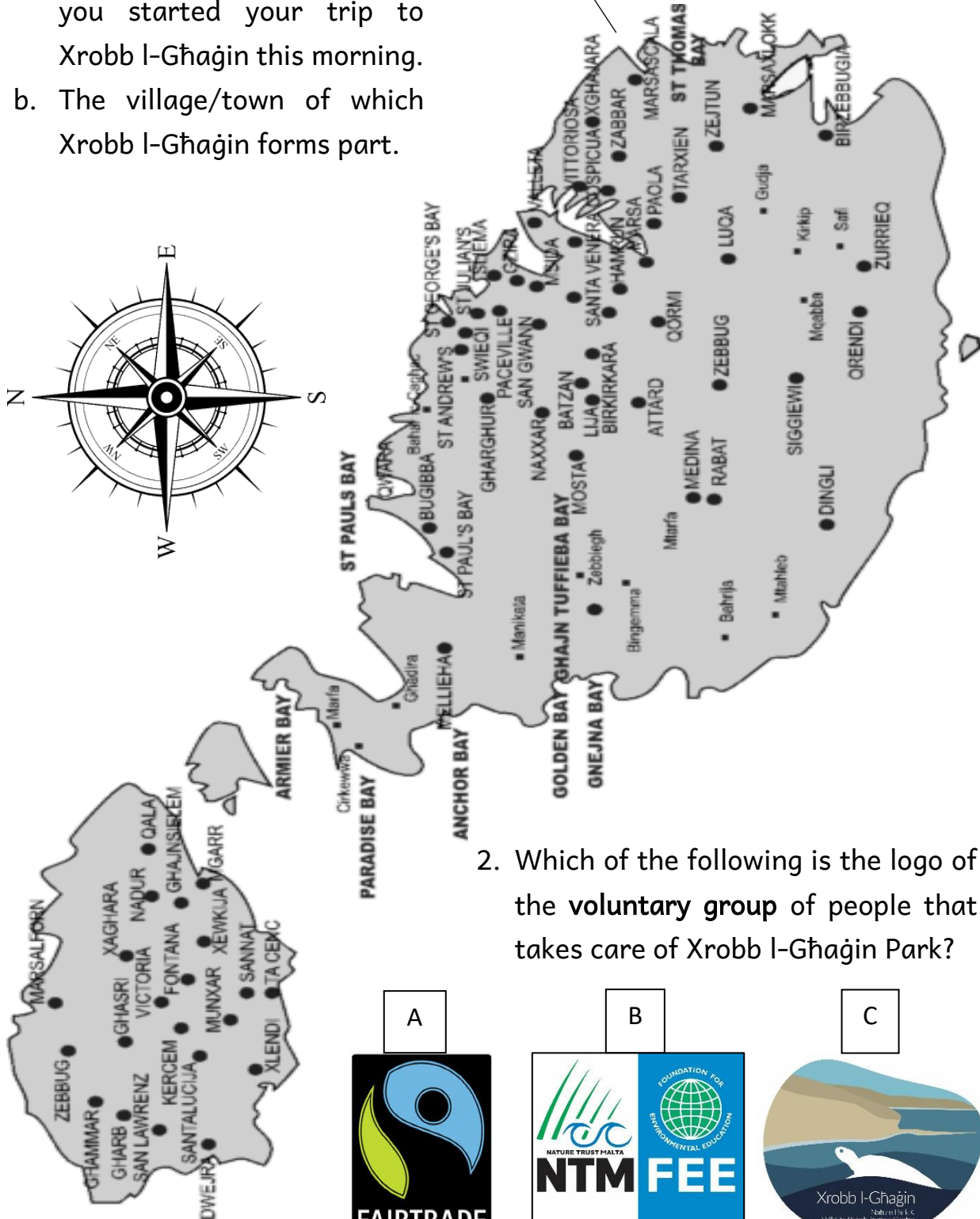
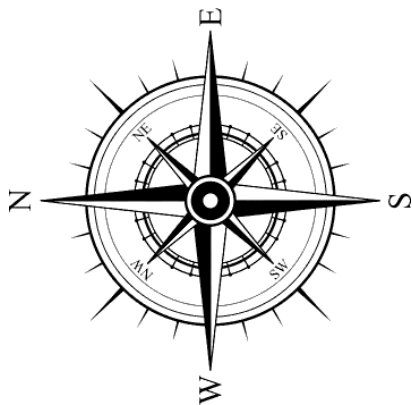
A. Where Are We?

1. On the map underline:

- The village/town from where you started your trip to Xrobb l-Għaġin this morning.
- The village/town of which Xrobb l-Għaġin forms part.

Map of the Maltese Islands

XROBB L-GĦAĠIN



2. Which of the following is the logo of the **voluntary group** of people that takes care of Xrobb l-Għaġin Park?

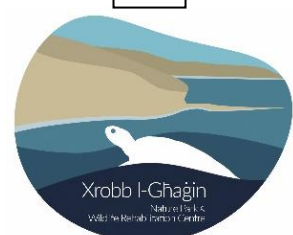
A



B



C



3. Use map A and B together with a compass, and fill in:

- Xrobb I-Għagin is found at the _____ of Malta.
- According to the wind rose Xrobb I-Għagin points to the _____.



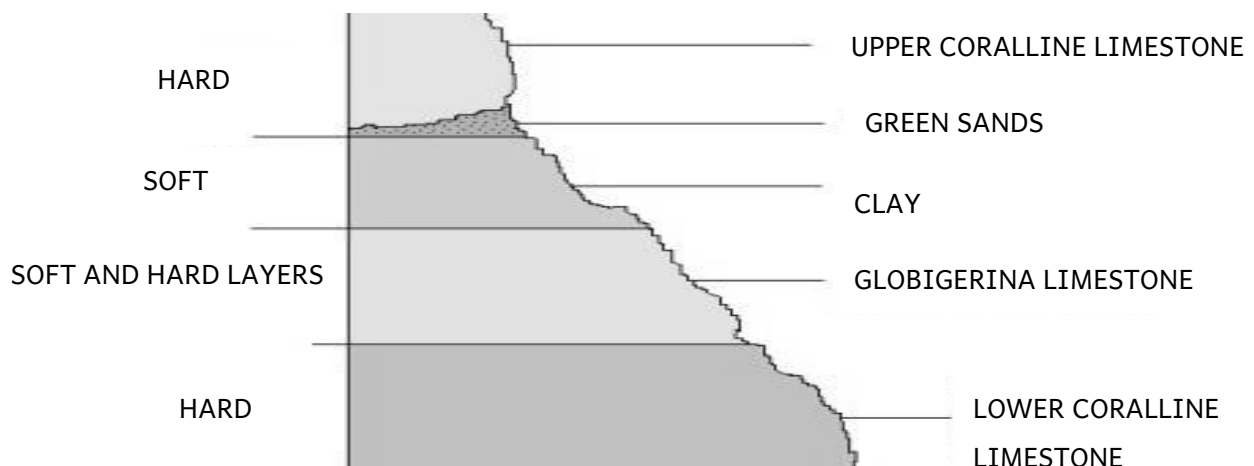
4. Use a compass and a map to observe around you. Work these out.

- The *Il-Munxar* cliff is to the (North, South) of the viewpoint at the park.
- Mark the *Il-Munxar* peninsula with the letter 'M' on map B.
- Xrobb I-Għagin park is (an island, a peninsula) and is found (on a plateau, at the bottom of a valley).

5. The Maltese Islands are made up of five different types of rock.

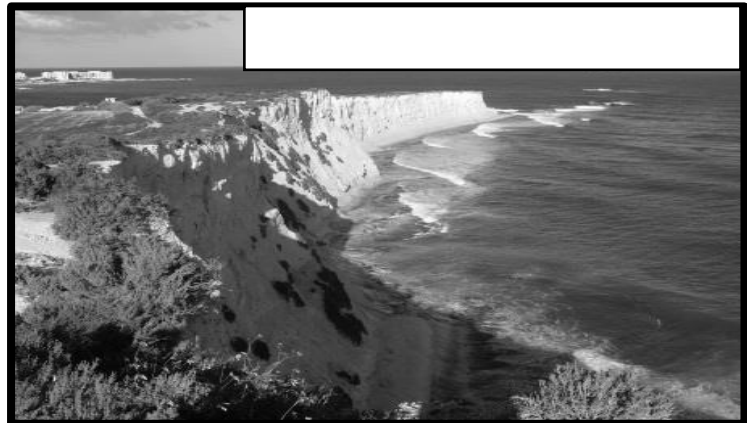
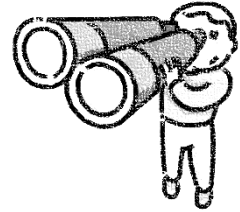
a. On the picture below, draw a line under the name of the **rock type** which **Xrobb I-Għagin** is made of.

b. The *Il-Munxar* cliff and the cliffs of Xrobb I-Għagin Park are white because they are made of the rock called _____.



6. Before entering the park, there is a large beach to your right. At the *Munxar* viewpoint enjoy the sea view in front of you. Behind the *Il-Munxar* cliff there is St Thomas Bay. Write the following names in the boxes on the pictures:

- a. *Il-Munxar* cliff
- b. St. Thomas Bay
- c. *Il-Hofra l-Kbira*



7. Draw a line under the correct answer:


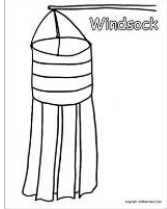
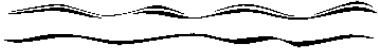









- a. The *Munxar* cliff and St. Thomas Bay form part of (Marsaskala, Żejtun).
- b. The closest village to Xrobb l-Għaġin Park is (Marsaskala, Żejtun).

SECOND STOP: LOWER PICNIC AREA


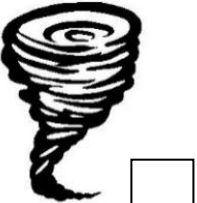

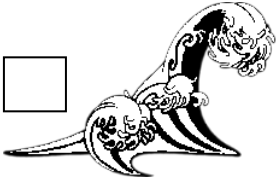
8. Measure the temperature:
_____ degrees Celsius.

B. Weather and Seasons

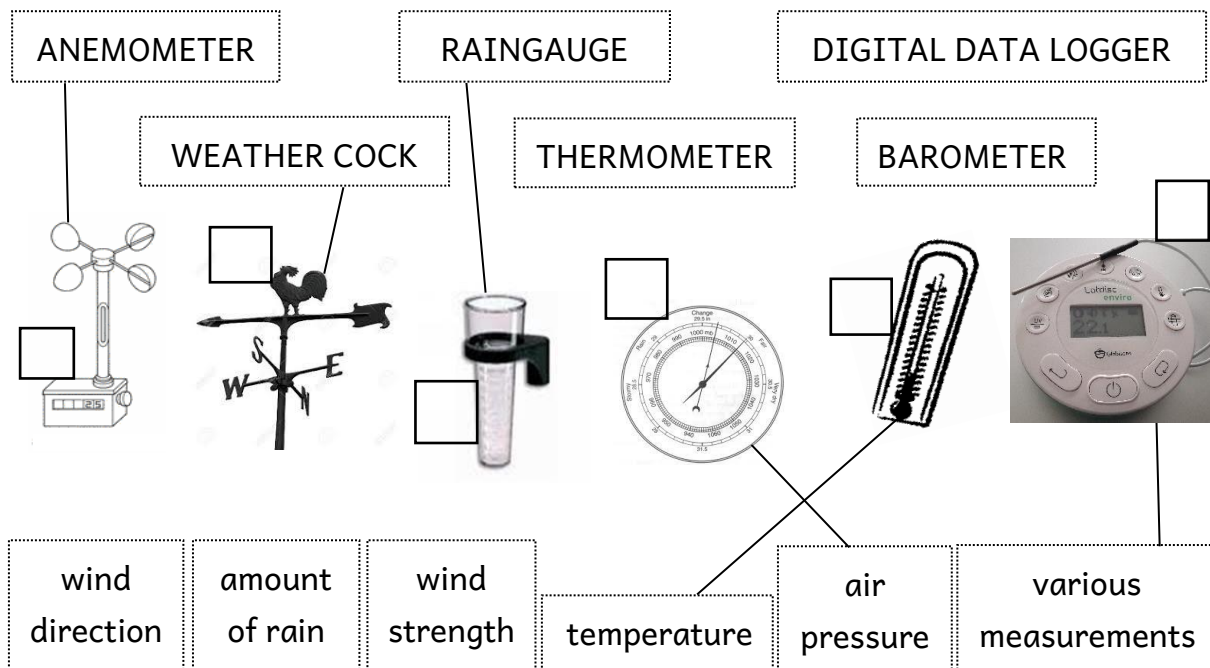
9. Tick '✓' one picture from each column to record the weather during your visit.

THE SUN	THE WIND	THE SEA
 <input type="checkbox"/> SUNNY	 <input type="checkbox"/> NO WIND	 <input type="checkbox"/> CALM
 <input type="checkbox"/> PARTLY CLOUDY	 <input type="checkbox"/> LIGHT BREEZE	 <input type="checkbox"/> LOW WAVES
 <input type="checkbox"/> CLOUDY	 <input type="checkbox"/> MODERATE WIND	 <input type="checkbox"/> MODERATE WAVES
 <input type="checkbox"/> RAINY	 <input type="checkbox"/> STRONG WIND	 <input type="checkbox"/> ROUGH SEA

10. Tick '✓' the right picture if any of these occurred during the visit:

 <input type="checkbox"/> RAINBOW	 <input type="checkbox"/> WHIRL WIND	 <input type="checkbox"/> GUSTS OF GALE WIND	<input type="checkbox"/>  HIGH WAVES WETTING THE TOP OF THE CLIFFS
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11. a. Tick '✓' the instruments which you used/saw at Xrobb l-Għajin Park.
 b. Join the instrument names OR measurements to the pictures.



ANEMOMETER RAINGAUGE DIGITAL DATA LOGGER

WEATHER COCK THERMOMETER BAROMETER

wind direction amount of rain wind strength temperature air pressure various measurements

12. These are the average monthly temperatures for our country.

January	February	March	April	May	June
16°C	16°C	17°C	20°C	24°C	28°C
July	August	September	October	November	December
31°C	31°C	28°C	25°C	21°C	17°C

- a. Circle the month of your visit to Xrobb l-Għajin Park.
 b. Compare today's temperature with the average temperature of the month. Circle which case from A, B, C and D is true for today's weather.

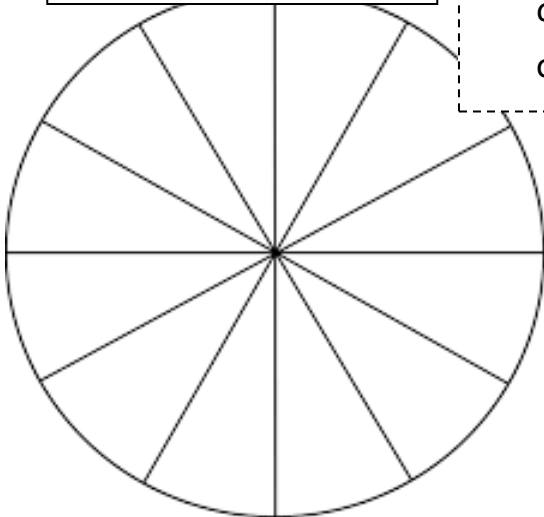
A Equal to the average.	B Very close to the average.	C Much higher than the average: heat wave	D Much lower than the average: cold snap
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13. Look at the temperature and weather you recorded in 8 and 9. Is today's weather normal or extreme for this season?
 Tick '✓' the right box.
- | | |
|--------------------------|-----------------|
| <input type="checkbox"/> | Normal weather |
| <input type="checkbox"/> | Extreme weather |

THIRD STOP: AT THE QUIET CORNER

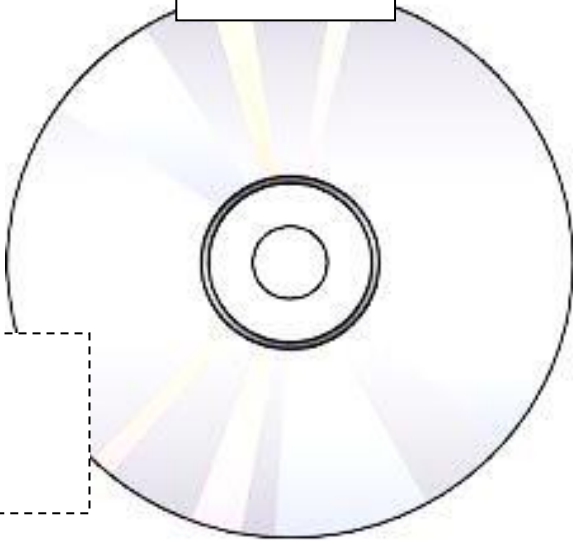
C. Enjoying Silence

Colour Wheel

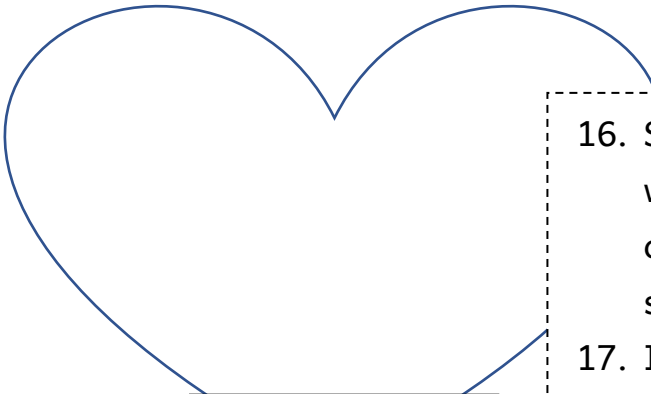


14. In the Xrobb I-Għaġin Colour Wheel, draw the different colours you observed during your visit so far.

Sounds CD



15. Draw or write down the sounds you heard, to create the Xrobb I-Għaġin Sounds CD.



My Feelings

16. Share with your friends how you felt while you were in silence with closed eyes. Listen to your friends sharing how they felt.
 17. In the heart shape, draw or write down how you felt.

18. Draw or write down what sounds you heard most at Xrobb I-Għaġin park:

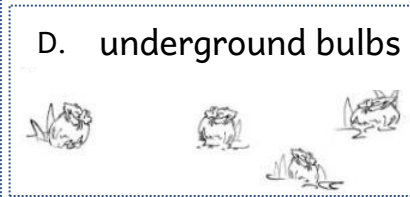
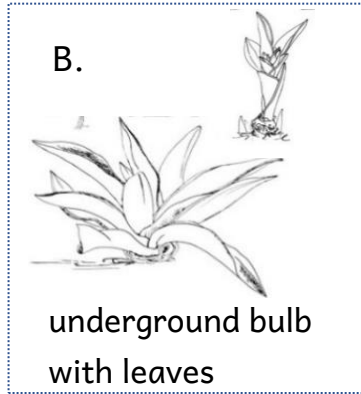
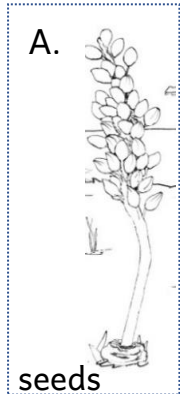
a. Countryside sounds

b. Town sounds

c. Which help you to relax? _____

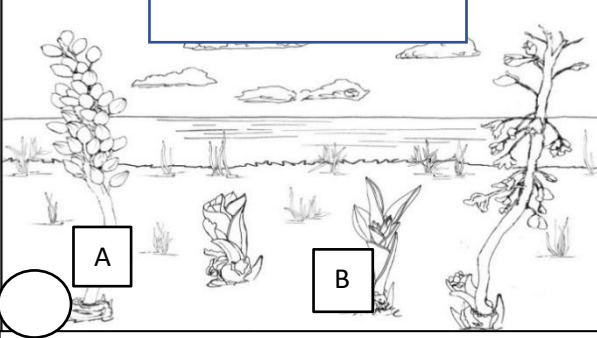
D. The Landscape

19. Which part(s) of the Sea Squill can you see around you? Draw a circle around the pictures .



20. a. Fill in the names of the four seasons in the boxes on the pictures.

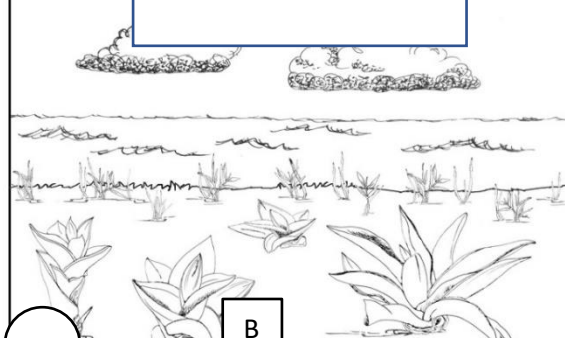
b. Which picture and sentence BEST describe the landscape at Xrobb I-Ghagin during the visit? Tick '✓' the circle of the picture.



A

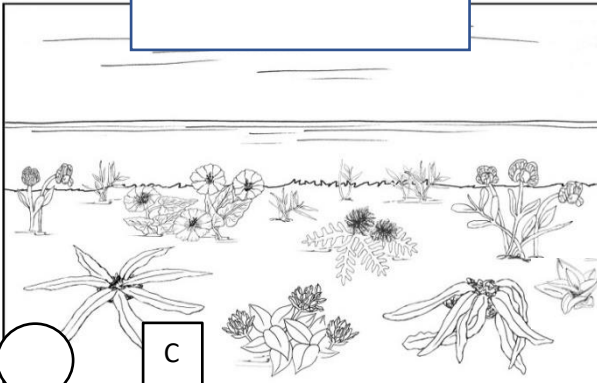
B

The landscape is **brown** but it is **getting greener** because lately it started to rain again.



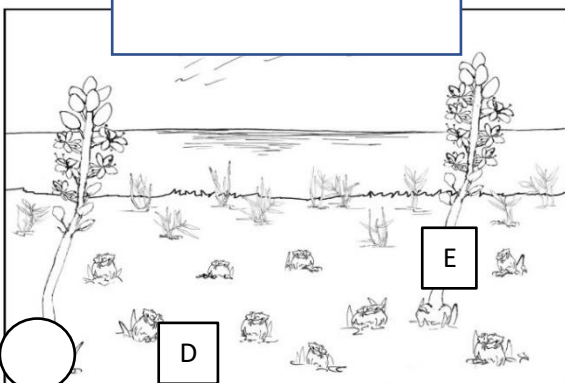
B

The landscape is **green** because lately it rained quite often.



C

The landscape is **green** and there are many different flowers of **various colours**.



D

E

The landscape is **brown** with dry grass. There are underground bulbs with no leaves.

FOURTH STOP: AT THE PINE FOREST

E. Climate and Water in the Maltese Islands

21. Due to the dry climate, water is scarce in our country. When trees were planted at Xrobb l-Għagin Park, it was wise to plant trees that survive in this type of climate. Two of these trees are the Aleppo Pine (*Żnuber*) and the African Tamarisk (*Bruka*). Fill in the blanks with the following words:

water, salt, African Tamarisk, Africa, Aleppo Pine.

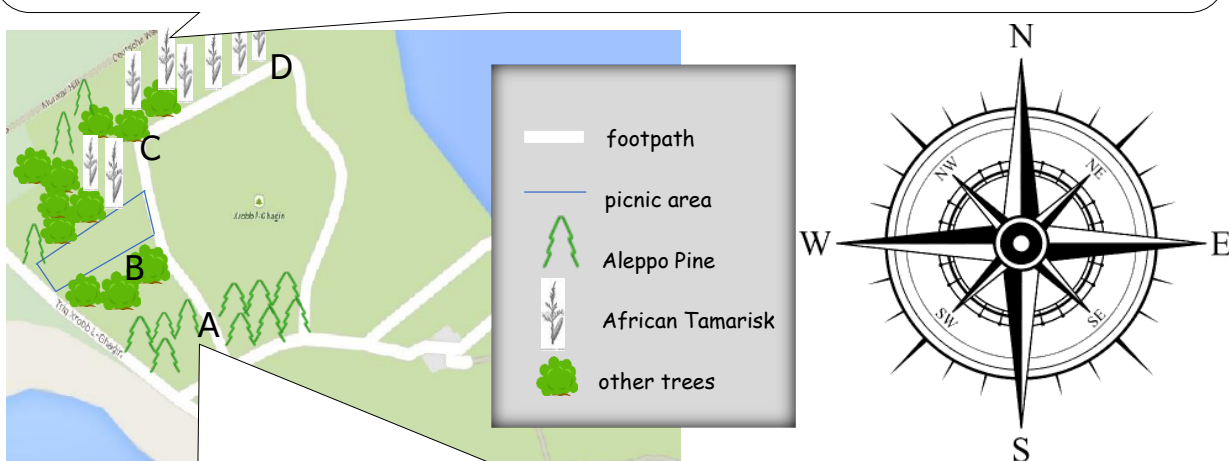





✦ Is-Siġra taż-Żnuber ✦ Il-Bruka ✦
🇬🇧 🇬🇧

These trees have thin leaves so that they do not lose _____.

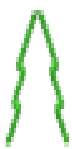


If you walk from C to D, you find that only trees like me were planted at D because it is closer to the sea. I am the only Maltese tree that can get rid of the _____ that I take up from the soil.



— footpath
 — picnic area
 Aleppo Pine
 African Tamarisk
 other trees

Compass rose: N, S, E, W






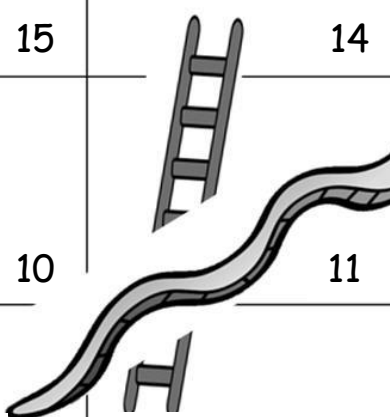

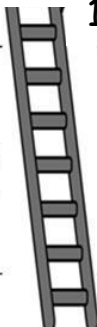


They planted many trees like me at A because I grow tall fast. Like that I protect the trees planted at B from the hot South wind coming from the continent of _____.

ADDITIONAL EXERCISE A (AT SCHOOL OR ON SITE AFTER THE SILENCE EXERCISE)

In The Countryside and In Towns

1. Together, choose three natural sounds you heard at Xrobb l-Għaġin which we hear **MOSTLY** in the **countryside**. Choose also two man-made sounds you heard which we hear **MOSTLY** in **towns and villages**.
2. Discuss which of these sounds **help** you to relax and be happy. Draw or write them down in the boxes containing the **bottom part of the ladders**.
3. Discuss which of these sounds **do not help** you to relax and be happy. Draw or write them down in the boxes containing the **snakes' heads**.

FINISH 		15		14		13
	9	10		11		12
8	7	6		5		
1	2	3	4			

4. Play the game with someone else. Count how many times you went **up the ladders** and slid **down the snakes** during the game. Check which of these happened most to the **winner** and to the **loser**!

Tally	<i>Up the ladders</i>	<i>Down the snakes</i>

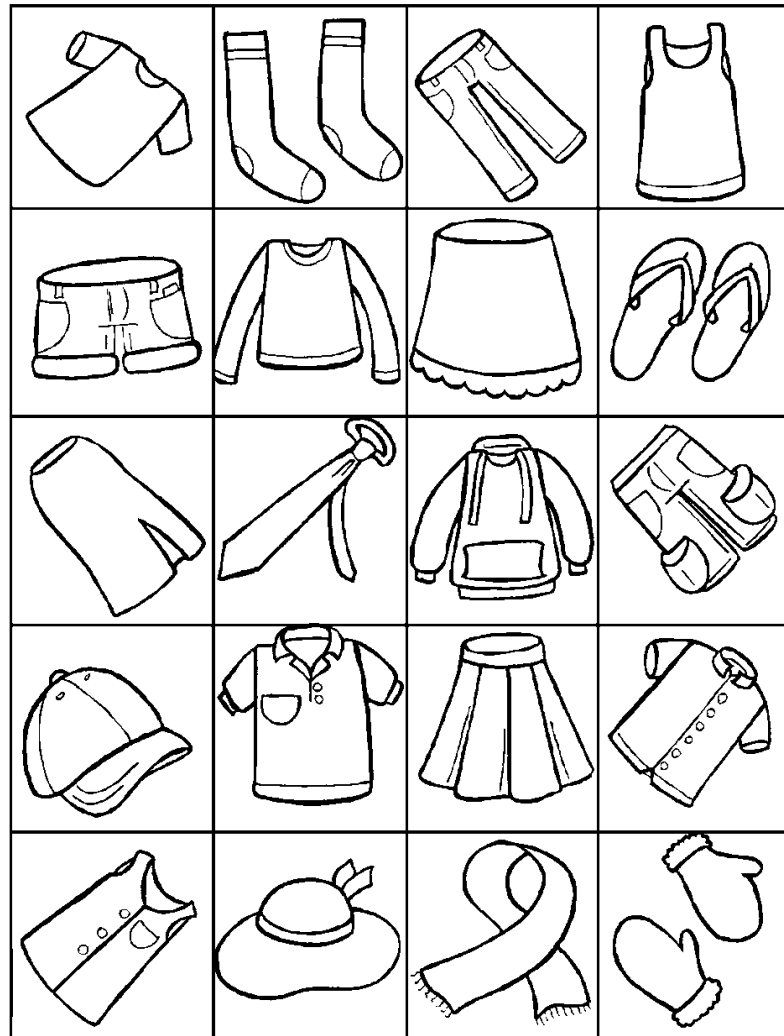
5. Do you wish to go out more often in the countryside? Why? Discuss.

ADDITIONAL EXERCISE B (OR DURING THE VISIT AFTER THE SILENCE EXERCISE)

Seasons and Clothes

1. Tick '✓' the boxes which show pictures of clothes you needed during the visit to Xrobb l-Għajin and on the two days before the visit.

2. Draw any other clothes you needed IF they are not included in the pictures.



primerpress.com

- Write 'S' in the boxes of clothes you use in summer.
- Write 'W' in the boxes of clothes you use in winter.
- Why do you not wear the same type of clothes throughout the year?

6. Discuss why we are having longer summers and shorter winters as years go by. Briefly write what reasons you mentioned.

ADDITIONAL EXERCISE C – BEFORE OR AFTER THE VISIT AT XROBB L-GĦAĠIN

Seven Day Journal: Exploring the Weather Forecast and Report

1. Keep a record of the weather **forecast** and **report** for seven days including the day of your visit to Xrobb l-Għaġin. Write them down in the table below and mark with a circle the date of the visit to the park.

	Weather forecast from TV or weather forecast online sites...							
Date	Weather forecast				Weather report			
	Sun	Wind	Sea	T	Sun	Wind	Sea	T
Example 20 Sept.	Sunny	Strong	Moderate	29°C	Sunny	Strong	Calm	30°C

2. Compare the weather report to the forecast for the day on which you visited the park.

a. Are they the same?

Yes

No

Not all

b. If you marked “no” OR “not all”, discuss the following:

Malta is a small country at the centre of the Mediterranean. How can this cause the weather forecast and report to be different?

ADDITIONAL EXERCISE D (BEFORE OR AFTER THE VISIT AT XROBB L-GHAGIN)

Climate Change – How does it Effect Us?

Certain **gases** that are produced when we burn fuels, are **increasing** in the air. These trap the heat of the sun in the Earth’s atmosphere, which acts as a **greenhouse**, and causes the global temperatures to increase (pictures 1 and 2). This causes changes in the **environment** and in the **climate** (pictures 3 to 10) and these changes affect **us** (pictures 11 to 17).



<https://bigpictureeducation.com/how-does-climate-change-affect-human-health>

Match pictures 3 to 10 with the sentences. Write the picture numbers in the boxes.

10	The sea level is rising.
	Crops are not growing well.
	Ocean life is affected.
	The weather is getting hotter.
8	Sea water is turning acidic.
	Weather & climate are changing.
	Animals & plants are suffering.
	People are leaving their home.

Which effects on people do you think we are experiencing in the Maltese Islands? Tick their boxes with a '✓'.

11	Many people leave their home seeking shelter elsewhere.	
12	Business is affected.	
13	There is shortage of food and hunger is increasing.	
14	Society is unhappy.	
15	Aquaculture is affected.	
16	There is spread of disease.	
17	Whole communities leave their homeland.	

ADDITIONAL EXERCISE E (AT SCHOOL OR AT THE PARK)

How shall I behave in the countryside?



1. In column A below, write numbers 1 to 8 next to the statements to show which rule each picture describes.

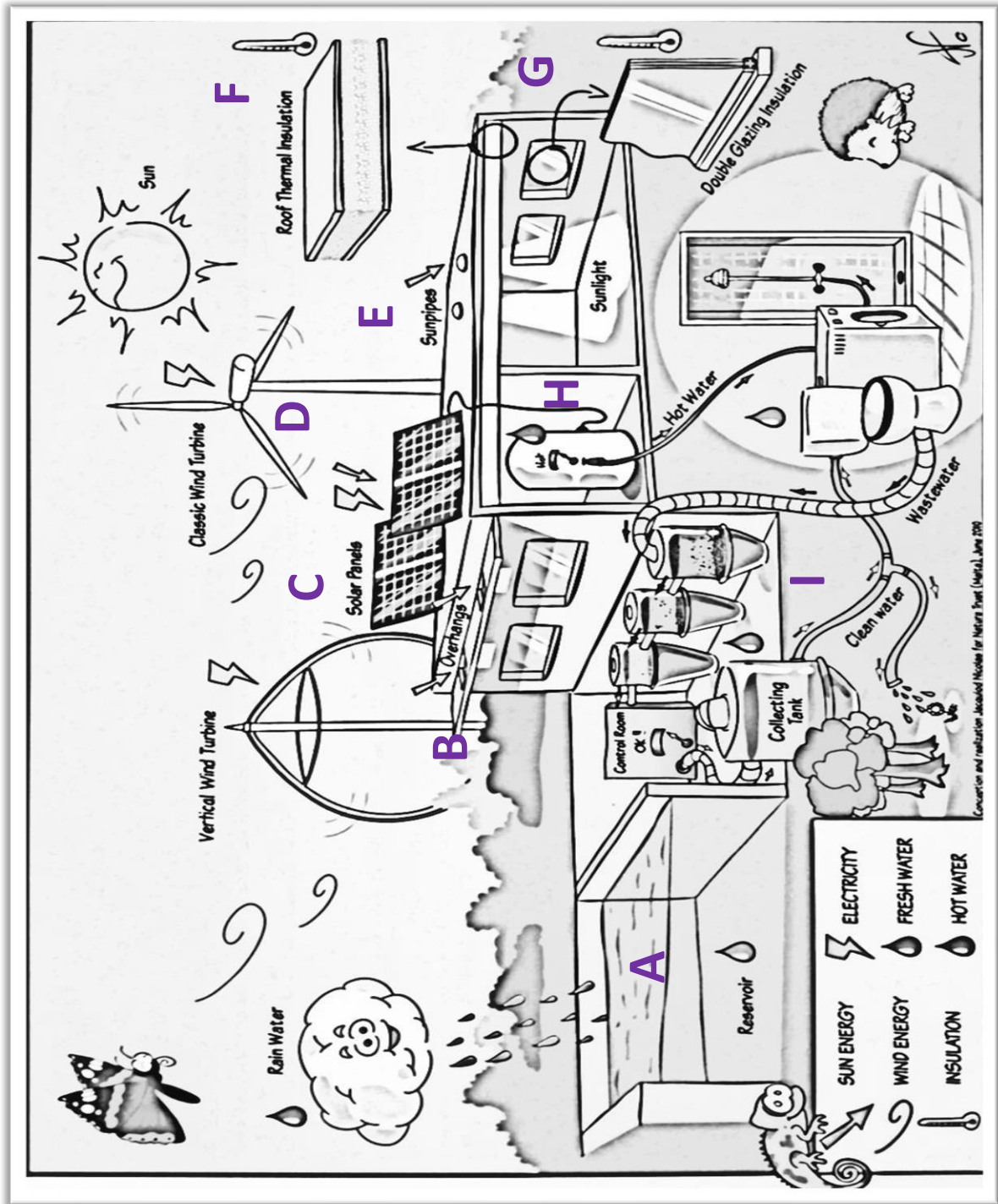
A	Rules for Xrobb I-Għagin Nature Reserve	B
	No camping.	
	Clean after your dog.	
	No fires, not even for BBQs.	
	Stick to the footpath.	
	Do not pick flowers.	
	Dogs on leash.	
	No litter.	
	No tents.	

2. Which of the rules above, do you think should hold for any place in the countryside even if it is not a nature park or reserve? Tick '✓' in column B.

3. Are there any other rules that you think should be added? Discuss.

ADDITIONAL EXERCISE F (AT SCHOOL OR AT XROBB L-GHAĞIN PARK)

- On the picture below, draw a **BLUE** circle around the letters which show how we save WATER at Xrobb l-Għaġin Park.

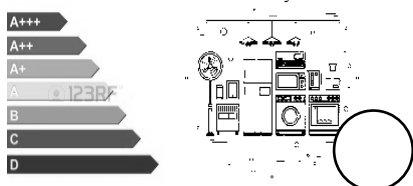
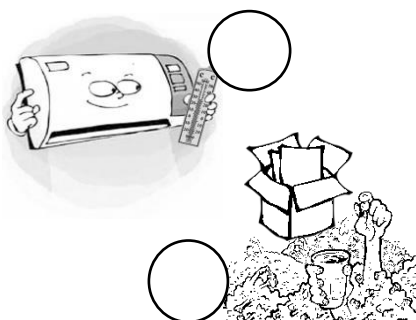
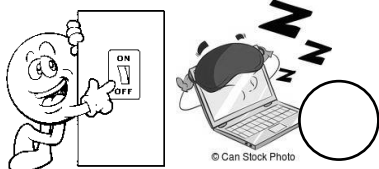


- On the picture above, draw a **RED** circle around the letters which show how we save ELECTRICITY at Xrobb l-Għaġin Park.

ADDITIONAL EXERCISE G (AT SCHOOL OR AT XROBB L-GĦAĠIN PARK)

Saving Water and Energy In Every Way!

It is our duty to save water and energy, and not to pollute the environment. In the circles, write the letters of the texts which best explain the pictures.



A. Wherever you can, **go on foot, by bicycle or by public transport** instead of using a private car.

B. **Open the window** so that light and air can get in, instead of switching on lights, air conditioners or heaters.

C. Set air conditioners on a comfortable temperature between **24 & 28°C**. A very low or very high temperature wastes electricity!

D. **Switch off** lights and electrical objects when not in use. Objects left on **standby mode** also waste electricity.

E. **Keep water taps closed** when not needed. Around half of the tap water in the Maltese islands is produced by **reverse osmosis** which uses a lot of electricity.

F. **Boil just enough** water needed for a hot drink rather than a full kettle. Using **gas hobs** wastes less energy than electrical ones.

G. Avoid **unnecessary packaging** because water and electricity are used to make that packaging. Also avoid **single-use items**.

H. Buy **very efficient** electrical appliances.

I. Choose mostly **raw and natural** food instead of highly processed products. **Food processing** uses water and electricity.