AN INTRODUCTION TO MAPWORK
The map below shows all the different local councils which make up the Maltese Islands. With reference to the map on page 5 of your notes:

Shade in **RED** your local council and label your town/village.

Shade the largest local council in **GREEN** and label it.

Shade the sea **BLUE** all around the islands and label the Mediterranean Sea.

**ASSESSMENT MARK**

**COMMENT**

________________________________________________________

________________________________________________________

________________________________________________________
The map on the previous page shows nearly all the countries of Europe. Some smaller states are missing.

A. Shade each country a different colour making sure no two countries with the same colour touch each other.

B. Number each country 1, 2, 3, etc., then write the same number in the box next to the country’s name.

C. Write down the names of the 5 missing states.

____________  __________  __________  __________  __________

D. One state in the list should not be there because, although it is a Country, it makes up one part out of four of a kingdom. Which country is it? _______________________

What country does it make up part of? ________________________

ASSOCIATION MARK

COMMENT

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___________________________________________________________________________
Colour and label the 7 continents.
Africa - Yellow, Europe - Green, Asia - Pink, North America - Red
South America - Purple, Australia - Orange, Antarctica - Brown
Label the 5 oceans and shade them in light blue.

ASSESSMENT MARK

COMMENT

________________________________________________________
________________________________________________________
________________________________________________________
TOPIC ONE  An introduction to mapwork

Worksheet four

In the space given below, draw a plan (not to scale) of a room in your house. This could be your bedroom, your kitchen or your lounge. Remember you draw things from a bird’s eye view and NOT in 3D. Use a ruler where necessary and be neat and accurate in your drawing. Colour your plan.
TOPIC ONE

An Introduction to mapwork

Worksheet five
On the previous page, you have a ready-drawn outline map of an island.

**Compose your map** as you please, adding mountains, rivers, woods, beaches, villages, towns, marshland, orchards, roads, as well as a school, church, phonebooth, post office, .......anything you like. Refer to pages 26—32 of your notes to help you. **Fill in the key.**

Your map must not be over-filled as this will make it far too cramped and difficult to read and appreciate.

**Colour your map** appropriately and give names to your landmarks...beaches, woods, mountains. Shade the sea around your island.

**Finally give your island a suitable name.**
Write the appropriate cardinal points both in English and Maltese in the spaces provided. Colour your compass rose.
Look at the map and fill in the blanks below

_________ is north of A.
B is _________ of C.
F is _________ of A.
_________ is east of H.
I is _________ of D.
C is north of _________.
H is east of _________.

_________ is south of E.
H is _________ of G.
A is _________ of F.
_________ is west of I.
J is _________ of C.
A is south of _________.
I is west of _________.

ASSESSMENT MARK

COMMENT

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________________________________________________________
Find two countries that each of the major lats and longs (latitudes and longitudes) go through:

1. Equator ________________________________
2. Tropic of Cancer __________________________
3. Arctic Circle ______________________________
4. Tropic of Capricorn _________________________
5. Antarctic Circle ____________________________
6. Prime meridian ______________________________
7. International date line _________________________

What country is at N20, E80? __________________________
What country is S85, E10? _____________________________

ASSESSMENT MARK

COMMENT
________________________________________________________
________________________________________________________
________________________________________________________
TOPIC ONE
An introduction to mapwork
Worksheet nine

An airplane crashes at 40 degrees north and 60 degrees east. What letter would you travel to hunt for survivors?

What continent would you be on at 10 degrees south and 70 degrees west?

0 degrees latitude, 0 degrees longitude, the intersection of the Equator and the Prime Meridian, would be located in which ocean?

You receive a radio SOS call that a boat is sinking at 20 degrees south and 100 degrees east. What ocean would you travel to try to rescue the people?

Which letter is located at 50 degrees north and 120 degrees east?

<table>
<thead>
<tr>
<th>Letter</th>
<th>Latitude</th>
<th>Longitude</th>
<th>CHOICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td>20 N 40 E</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td>0 N 140 W</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td>20 S 100 E</td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
<td>40 N 60 E</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td></td>
<td>20 S 100 E</td>
</tr>
<tr>
<td>F</td>
<td></td>
<td></td>
<td>80 N 0 E</td>
</tr>
<tr>
<td>G</td>
<td></td>
<td></td>
<td>60 S 40 W</td>
</tr>
<tr>
<td>H</td>
<td></td>
<td></td>
<td>40 N 100 W</td>
</tr>
<tr>
<td>I</td>
<td></td>
<td></td>
<td>50 N 120 E</td>
</tr>
</tbody>
</table>

ASSESSMENT MARK

COMMENT

___________________________________________________________________________________

___________________________________________________________________________________
This task is to be used for your assessment.

Use Google Maps or any other mapping app to figure out the best way to get to places and to plan journeys using various modes of transport.

You are to plan a Local Journey: Plan a sightseeing tour of Malta and/or Gozo for a friend visiting the islands for the first time. Use Google Maps to plan an itinerary of at least four places to visit (e.g. Ħaġar Qim, National History Museum, Mdina, Golden Bay, Valletta, Cittadella, Gozo etc.). Find out the opening hours of museums to visit, how to get there by selecting the desired mode of transport (driving, public transport, walking, cycling), distance and duration of each journey. Students need to present a captioned image of each site to visit, opening hours of museums and historical places, admission fee, the straight line and actual distance by road, mode of transport to use and duration, print out of directions and a map indicating each route taken. (See map on following page for help)

DATE TO BE HANDED IN

TASK ASSESSMENT MARK

COMMENT

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________________________________________________________
The map below shows many of Malta's tourist attractions which might help you plan your journey.
TOPIC ONE

An introduction to mapwork

SELF-ASSESSMENT

I can use aerial photos, maps, the internet, interactive maps and software to locate various physical and human features of Malta, the Mediterranean, Europe and the wider world.

I am comfortable answering questions on these topics

I am not too sure about it.

I really need another explanation.

I can distinguish between a country, a continent and an ocean.

I am comfortable answering questions on these topics.

I am not too sure about it.

I really need another explanation.

I can use the basic mapping skills which include a scale, a key, the compass points and the GPS to plan real journeys.

I am comfortable answering questions on these topics.

I am not too sure about it.

I really need another explanation.
TOPIC TWO

Weather and climate

Worksheet one

What is your favorite type of weather? ____________________________

What is your least favorite type of weather? ____________________________

If you could change the color of snow, what color would it be? __________

What is the most fun thing to do in snow? ____________________________

What is the scariest weather you have ever been in? ____________________________

If you could give rain a flavor, what flavor would it be? ____________________________

What is the coldest weather you've ever been in? ____________________________

What is the hottest weather you've ever been in? ____________________________

What type of weather do you usually have on your birthday? __________

What is the longest word you can make from the letters in "WEATHER"? __________

If you invented a new type of weather, what would it be like? ____________________________

ASSESSMENT MARK  

COMMENT  

________________________________________________________

________________________________________________________

________________________________________________________
TOPIC TWO
Weather and climate
Worksheet two A

You will need a photopack for this activity
Location: ____________________________

What do the photographs tell you about the weather here?

Draw a circle round the words you choose:

- clear
- dry
- cloudy
- hot
- warm
- wet
- windy
- calm
- cool

What clues did you see in the photographs?

<table>
<thead>
<tr>
<th>CLOTHES?</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BUILDINGS?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LANDSCAPE?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACTIVITIES?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PLANTS?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

Would you like to live here?  Yes [ ]  No [ ]

ASSESSMENT MARK

COMMENTS

________________________________________________________

________________________________________________________

________________________________________________________
WEATHER INSTRUMENTS

Write the name of each of the weather instruments below and continue by explaining how each works.

1. [Image of a thermometer]
   - Name: [ ]
   - How it works: [ ]

2. [Image of a weather vane]
   - Name: [ ]
   - How it works: [ ]

3. [Image of an anemometer]
   - Name: [ ]
   - How it works: [ ]

4. [Image of a barometer]
   - Name: [ ]
   - How it works: [ ]

ASSESSMENT MARK

COMMENT

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Look at the climate graphs of four different African nations and answer the questions below.

1. Which country has the least rainfall overall? 
2. Which country has the most rainfall in July? 
3. Which country has the most rainfall in January? 
4. Which country has the hottest temperature in July? 
5. Which country has the lowest temperature in January? 

ASSESSMENT MARK

COMMENT

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________________________________________________________
TOwOP TWO

Weather and climate
Worksheet five

Using the rain/temperature statistics below, plot a climate graph.
A blue line graph for the temperature and a coloured bar graph for the rain.
Write the millimetres on the left and the degrees centigrade on the right.

The table below shows the climate data for Leeds.

<table>
<thead>
<tr>
<th></th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average monthly</td>
<td>56</td>
<td>41</td>
<td>46</td>
<td>46</td>
<td>48</td>
<td>53</td>
<td>51</td>
<td>66</td>
<td>51</td>
<td>51</td>
<td>53</td>
<td>53</td>
</tr>
<tr>
<td>Rainfall (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average monthly</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>7</td>
<td>11</td>
<td>14</td>
<td>16</td>
<td>16</td>
<td>13</td>
<td>10</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Temperature (°C)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ASSESSMENT MARK

COMMENT
______________________________________________________________________
______________________________________________________________________
TOPIC TWO
Weather and climate
Worksheet six

Reading the weather

Numbers below 0°C are called **negative numbers**.
The ‘larger’ the negative number gets, the **colder** the weather becomes.

Look at the map and answer the following questions:

1. Which city has the coldest temperature?
2. Which city has the warmest temperature?
3. How many degrees below freezing is Glasgow?
4. How many degrees above freezing is Swansea?
5. Is Aberdeen colder than Glasgow?
6. What is the temperature at which water freezes?
7. Which city is at the temperature that water freezes?

**ASSESSMENT MARK**

**COMMENT**

________________________________________________________

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________________________________________________________
TOPIC TWO  

Weather and climate  

Assessment Task

This task is to be used for your assessment.

Students are to access the official website of the Malta International Airport Meteorological Office [https://www.maltairport.com/weather/7-day-forecast/](https://www.maltairport.com/weather/7-day-forecast/) to obtain the weather report for the day and the forecast for the next six days for Malta.

Students are to also verify if the forecast for the day as presented by MET Office is accurate. They can compare how the temperature, wind, and rainfall vary in a number of localities (e.g. Dingli, Valletta, Selmun, Xewkija).

Students are to examine the weather forecast elsewhere around the world. Students will be presented with a number of cities (at least 4) located at different latitudes in the Northern and Southern Hemisphere. Students are to use the internet to locate these cities and find the weather forecast for each city.

**Students need to:**
- Write a weather report for the day for Malta as presented by the MET Office;
- Write the temperature, wind speed and direction and rainfall totals for two other localities in
- Comment if the weather report for the day as presented by the MET Office is accurate;
- Present a 7-day forecast for four cities from around the world;
- List of items to pack in your luggage if visiting any two of the cities providing reasons for choosing particular items.

**CITIES CHOSEN FOR TASK** — Honolulu (Hawaii), Zagreb (Croatia), Auckland (New Zealand), Stanley (Falkland Islands)

**DATE TO BE HANDED IN**

**TASK ASSESSMENT MARK**

**COMMENT**
TOPIC TWO

Weather and Climate

SELF-ASSESSMENT

I can use appropriate sources to observe and record local weather

I am comfortable answering questions on these topics
I am not too sure about it.
I really need another explanation.

I can read the weather report and forecast of local and foreign places using digital media,

I am comfortable answering questions on these topics.
I am not too sure about it
I really need another explanation

I can recognise and name different weather instruments. I also know what elements they measure, what units they use and how they work.

I am comfortable answering questions on these topics
I am not too sure about it
I really need another explanation
PEOPLE
and their CULTURE
TOPIC THREE  People and their culture
Worksheet one

With reference to the lesson given on page 2, read the following questions and answer in your own words.

- How do you think you learned your culture?
  __________________________________________________________
  __________________________________________________________
  __________________________________________________________

- How do you think your culture has shaped you? How has it influenced your values, preferences, and beliefs?
  __________________________________________________________
  __________________________________________________________
  __________________________________________________________

- Despite the differences in culture in our class, what are some things that everyone in our class has in common?
  __________________________________________________________
  __________________________________________________________
  __________________________________________________________

ASSESSMENT MARK

COMMENT
  __________________________________________________________
  __________________________________________________________
  __________________________________________________________
TOPIC THREE
People and their culture
Worksheet two

My language
Where I live
What I eat

How I dress

My language

What I play

Arts and music
Celebrations
My family

ASSessment Mark
Comment

---------'s
culture
TOPIC THREE

People and their culture

Assessment Task

This task is to be used for your assessment.

Research about the geography and other aspects (flag / Language / customs / cuisine) of the country of origin of one of the Lasallian schools or colleges around the world. Students are to prepare information using a short individual PPT presentation in class.

DATE TO BE HANDED IN______________________________

TASK ASSESSMENT MARK □

COMMENT
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TOPIC THREE

People and their Culture

SELF-ASSESSMENT

I can investigate the intercultural composition of a/my local community and/or school community

I am comfortable answering questions on these topics

I am not too sure about it.

I really need another explanation.

I can appreciate the variety and richness making up a community

I am comfortable answering questions on these topics.

I am not too sure about it

I really need another explanation
LOOKING at ROCKS
Activity - Rock Samples

Look at the image and choose the correct answer

**Question 1**: What rock type is this?

A. Upper Coralline Limestone  
B. Greensand  
C. Blue Clay  
D. Globigerina Limestone  
E. Lower Coralline Limestone

**Question 2**: Who am I?

A. Upper Coralline Limestone  
B. Greensand  
C. Blue Clay  
D. Globigerina Limestone  
E. Lower Coralline Limestone
**TOPIC FOUR**

Looking at Rocks

Worksheet Two

CONTINUED...........

**Question 3:** Can you determine from which type of rock am I?

A. Upper Coralline Limestone
b. Greensand
c. Blue Clay
d. Globigerina Limestone
e. Lower Coralline Limestone

**Question 4:** What rock type is this?

a. Upper Coralline Limestone
b. Greensand
c. Blue Clay
d. Globigerina Limestone
e. Lower Coralline Limestone
TOPIC FOUR

Looking at Rocks
Worksheet Two
CONTINUED....

Question 5: What rock type is this?

a. Upper Coralline Limestone
b. Greensand
c. Blue Clay
d. Globigerina Limestone
e. Lower Coralline Limestone

Answer the following questions.

1. How many different rock types do we find on earth? ______________________________________

2. What evidence do we have which shows us Malta formed under the sea?_______________________

3. What are the Maltese rock layers called? ___________________________________________________

4. Which is the youngest Maltese rock layer?________________________________________________

5. Which type of rock is associated with the western side of Malta?______________________________

6. What rock is formed when pressure, heat and fluids transform pre existing rocks?_________________

7. Which type of rock is very common on Malta?______________________________________________

8. Which type of rock is formed from the cooling of magma or lava?_______________________________
TOPIC FOUR
Looking at Rocks

Worksheet Three

ASSESSMENT MARK

COMMENT
Finish the drawing below to produce a diagram showing the five layers of Maltese Rock. Colour in different shades and label both in English and Maltese.
TOPIC FOUR  Looking at Rocks

Assessment Task

This task is to be used for your assessment.

For Chapter Four, the assessment will be based on a class test. It will be conducted to cover all aspects covered in this topic.

DATE TO BE HANDED IN________________________________________

TASK ASSESSMENT MARK

COMMENT

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TOPIC FOUR

Looking at Rocks

SELF-ASSESSMENT

I can account for the presence of fossils in the sedimentary layers of the Maltese rocks.

I am comfortable answering questions on these topics. [ ]
I am not sure about it. [ ]
I really need another explanation. [ ]

I recognise rock samples of the five main types of rock of the Maltese Islands namely Upper Coralline Limestone, Greensands, Blue Clay, Globigerina Limestone and Lower Coralline Limestone.

I am comfortable answering questions on these topics. [ ]
I am not sure about it. [ ]
I really need another explanation. [ ]

I can describe the main characteristics (porosity, permeability, resistance and colour) of the five main types of rock found on the Maltese Islands.

I am comfortable answering questions on these topics. [ ]
I am not sure about it. [ ]
I really need another explanation. [ ]

I can explain the use of the rocks of the Maltese Islands.

I am comfortable answering questions on these topics. [ ]
I am not sure about it. [ ]
I really need another explanation. [ ]