Let’s go on a Maths Trail!

in Città’ Vittoriosa (Birgu)

Good morning, you are in Città’ Vittoriosa, one of the three cities in Cottonera. Before we start the Maths Trail, please fill in the information below:

Name: ____________________________

Today’s date: ______________________

Station 1: The Freedom Day Monument

1. The Freedom Day Monument (“Il-Monument tal-Helsien”) is located opposite the Parish Church of Saint Lawrence. This monument remembers the day the last British troops left Malta on the ____ of March 1979.

2. Mark that date on the calendar below:

<table>
<thead>
<tr>
<th>March 1979</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>18</td>
</tr>
<tr>
<td>25</td>
</tr>
</tbody>
</table>

3. The day was a ________________________.
Station 2: The Parish Church of Saint Lawrence

Walk towards the left side of Saint Lawrence church.

Climb up the stairs leading to the side of the church.

4. How many steps can you count? 
   
   steps

5. Is the number of steps odd or even?
   
   odd

6. Can you measure the width of the stairs using your foot length?
   
   foot lengths

Below is the Maltese Cross, also known as The Cross of the Knights of St. John.

7. Colour one half of the Maltese Cross below:
Find the railings shown in the picture below:

8. Look at the railings, and underline the shapes that you can see:

- square
- rectangle
- circle
- triangle
- oval
- diamond
- pentagon

Opposite the railings, on the side of the church, there is an iron window.

9. How many lines of symmetry does this iron window have?

   - lines of symmetry

10. Look around you and count how many trees are taller than one metre.

   - trees

Mathematics Support Teachers
Half way up the stairs, before you reach the **Victory Square**, is a small museum dedicated to the **Grand Master De La Valette**. La Valette’s hat and sword are inside the museum.

Look at the shape on the tiles on the entrance of this museum.

11. Count how many sides this shape has.

   

   sides

12. Name this shape. _______________

   Use the names below to help you.

   - pentagon
   - hexagon
   - octagon

Look at octagons on the entrance of this museum.

Count the octagons in fives.

13. Write the total number of octagons that you can see.
Station 3: **Victory Square ("Misraħ ir- Rebha")**

Look at the railing of the Victory Monument.

14. How many sides does this fence have?  
   
   - sides

15. Count the number of crosses on one side of the fence.  
   
   - crosses

16. Calculate the total number of crosses on the fence around the monument.  
   
   - crosses

Now find the **crescents** (moon shape) on the fence.

17. How many crescents can you count on one side?  
   
   - crescents

18. Calculate the total number of crescents on the fence around the monument.  
   
   - crescents
Find a parking sign.

19. Read the sign and find how long, in minutes, the visitors can park their car in this square.

  minutes

20. How many hours and minutes is that?

  hours  minutes

Walking along “Triq il-Mina l-Kbira”, look for the red letter box shown in the picture.

21. Can you name the 3D shape of this letter box?

  

Use the names below to help you.

cylinder  cone  sphere
Station 4: **Gate of Provence**

Inside this gate, you will find a number of **Maltese crosses**.

22. **Estimate** the number of white Maltese crosses from one end to the other.

23. Now **count** the white Maltese Crosses.

24. Look around you and find these light posts. Now, count in twos to find the total number of light bulbs.
Walk towards the Main Gate there you can find the MALTA AT WAR MUSEUM.

25. Look carefully at the name of the museum and find the line of symmetry of each letter.

26. Which three letters have no line of symmetry? Write the letters below.

No line of symmetry

You have successfully completed the Maths Trail.

Well done!