San Anton Palace and its Gardens was built in 1636 by the Knights of Malta. It originally served as a summer residence for Grand Master Antoine de Paule. The Grand Master named the villa 'Sainte Antoine' after his patron saint, St Anthony of Padua. De Paule also complimented the palace with a private chapel dedicated to the Madonna del Pilar. He designed a symmetrical plan to the garden, that consisted more of orange groves. These oranges, he sent away as gifts to those he desired to honour.

Years later, during the British Rule in Malta, the palace was used as the official residence of the Governor. Since 1974, San Anton Palace is the official residence of the President of Malta.
LET'S MATH AT SAN ANTON GARDENS

Station 1 – At the Entrance

These gardens were opened to the public in **1882**.

1. Write the **value** of the underlined number in **1882**: 
   ______

2. Write this date in **words**:
   __________________________________________________________

3. Write the number which is **10 more**: ______

4. Write this number to the **nearest 100**: ______

5. Fill in the missing numbers on the clock.

6. Look at the large clock and draw the **clock hands** to show the time.

7. What **time** is it? _________________________________
Station 2 – Near flags

8. How many flags can you see? _____ flags

9. Complete the EU flag in the provided box:

10. Is the EU flag symmetrical? Tick the correct box. Yes  No

11. Draw the 2 trees on the left hand side of the flags and circle the taller tree.
12. Tick √ the correct measure to find:

<table>
<thead>
<tr>
<th></th>
<th>m</th>
<th>cm</th>
<th>km</th>
</tr>
</thead>
<tbody>
<tr>
<td>the height of a tree</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>the height of a flower</td>
<td></td>
<td></td>
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<tr>
<td>the distance from San</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anton Gardens to school</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>the height of a flag pole</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>the length of a leaf</td>
<td></td>
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</tbody>
</table>

Station 3 – Marble Fountain

13. Find and draw a pentagon.

14. If 4 pupils can sit on each bench, find how many pupils can be seated on the three benches near this fountain.
15. Measure the distance around the Main Pond, using a trundle wheel.

_____ metres

16. How many times do you need to go round the pond to cover 1km?

_____ times

17. Estimate the time taken, in seconds, to walk round the pond. _____ seconds

18. Measure the time taken, in seconds, to walk round the pond. _____ seconds

19. Find the difference between the actual and the estimated time.

[ ] [ ] = [ ]

20. How long does it take to walk 10 times around the pond? Give the answer in minutes and seconds.
Station 5 - Outside the President’s Palace

21. Calculate the time taken to arrive at this station.

22. **Estimate** the total number of flower pots on the staircase leading to the palace entry.

   ____ pots

23. **Count** the number of pots on each side of the staircase and then find the total amount.

   ____ pots

24. If your group has to carry all the flower pots inside the palace, how many pots does each child need to carry?

   ____ pots
Station 6 – Inside the President Palace’s Courtyard

Find the chapel door.

25. Underline the **shapes** seen on the door.

- square
- rectangle
- octagon
- hexagon
- pentagon
- triangle
- circle
- cylinder
- sphere
26. Circle the fraction which represents the above picture

\[ \frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3} \]

27. Complete the above picture, by drawing the other side of the chapel door, to make it symmetrical.

28. What time is the Sunday mass? Write it in words.

__________________________________________________________________

29. Look out for the year when Malta became Republic and write it in the provided box.

____________________

30. Use all the four digits in this year to make:

i. the smallest number = __________

ii. the largest number = __________

iii. an odd number = __________

iv. a number between 4000 and 5000 = __________

v. a number with 4 as the units digit = __________
Station 7 – The Eagle’s Fountain

This fountain holds about 1500 litres when full.

On a hot day, the water in the fountain evaporates by \(\frac{1}{10}\).

31) How much water is evaporated on such a day?

\[ \underline{\hspace{2cm}} \text{ litres} \]

32) What is the capacity of the fountain after the water evaporates?

\[ \underline{\hspace{2cm}} \text{ litres} \]
Station 8 – Orange Trees

A Citrus Festival is organised annually at San Anton Gardens, where the general public is invited to attend. One can buy oranges, lemons and products based on these fruits picked from the gardens. The money collected from this event is donated to charity.

33) Oranges are sold in bags to weigh 1kg.
   i) First estimate and then draw the number of oranges in the bag to weigh 1kg.
   ii) Calculate the weight of each orange.

34) The price of 1kg of oranges is €1.20. How many kilogrammes of oranges can I buy with €5?

35) What change is left from €5?