**Date: 11 to 15 May 2020**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SUBJECT** | **MATHEMATICS** | **GRADE** | **3** | **TERM 2** |
| **TIME ALLOCATION**  **1 hour** | **5** minutes for counting each day  **10** minutes for mental mathematics each day.  **45** minutes for the concept each day | **TIPS TO KEEP HEALTHY**  1. **WASH YOUR HANDS** thoroughly with soap and warm water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.  2. **PRACTICE SOCIAL DISTANCING** keep a distance of 1m away from other people.  3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose the tissue immediately after use.  4. **TRY NOT TO TOUCH YOUR FACE.** The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.  5. **STAY AT HOME.** | | |
| **INSTRUCTIONS** | Use worksheets below  Use DBE workbook  Use relevant resources from home with caution |

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**Day 1 and 2 Time**

**Activity 1 Counting**

**Count forwards and backwards in multiples of 2, 5, and 10 between**

**0 and 500**

**Count in 2s ,5s and 10 from any number between 0 and 500**

**Activity 2 Mental Mathematics**

|  |  |  |
| --- | --- | --- |
|  | Calculate | **Answer** |
| 1. | \_\_\_ + 4 = 14 |  |
| 2. | 5 + \_\_\_ = 15 |  |
| 3. | 10 + \_\_\_ =6 |  |
| 4. | 9 + \_\_\_ = 12 |  |
| 5. | 1 + \_\_\_\_ = 12 |  |
| 6. | \_\_\_ + 3 = 13 |  |
| 7. | \_\_\_\_ + 7 = 13 |  |
| 8. | \_\_\_\_ + 8 = 18 |  |
| 9. | \_\_\_\_ + 10 = 11 |  |
| 10. | 9 + \_\_\_\_ = 14 |  |

**Activity 3**

**O’ clock: long hand at 12**

**Analogue clock Digital**

**7 O’ clock 07: 00**

**12**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**11**

**10**

**What time is it?**

|  |  |  |  |
| --- | --- | --- | --- |
| **Analogue** | **Digital** | **Analogue** | **Digital** |
| **12**  **1**  **2**  **3**  **4**  **5**  **6**  **7**  **8**  **9**  **11**  **10**  **\_\_\_\_\_\_ O’ clock** | \_\_\_\_\_\_\_ | **\_\_\_ O’ clock** | **\_\_\_\_\_\_\_\_\_** |
| **\_\_\_\_\_ O’ clock** | \_\_\_\_\_\_\_ | **\_\_\_\_\_\_ O’ clock** | **\_\_\_\_\_\_\_\_\_** |
| **\_\_\_\_\_\_\_ O’ clock** |  | **\_\_\_\_\_\_\_\_ O’ clock** |  |

**Activity 4**

**Half past: long hand at 6**

**Short hand way between hours**

**Use the clocks to show the given time**

|  |  |  |  |
| --- | --- | --- | --- |
| **Analogue** | **Digital** | **Analogue digital** | **Digital** |
| **Half past 3** | **03: 30** | **Half 7** | \_\_\_\_\_\_\_\_\_ |
| **Half past 6** | \_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_ | **12: 30** |

**Activity 5 Time and calendars**

**MAY 2020**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sunday** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** |
|  |  |  |  |  | **1** | **2** |
| **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| **10** | **11** | **12** | **13** | **14** | **15** | **16** |
| **17** | **18** | **19** | **20** | **21** | **22** | **23** |
| **24** | **25** | **26** | **27** | **28** | **29** | **30** |
| **31** |  |  |  |  |  |  |

* **How many days are there in this month? \_\_\_\_\_\_\_\_\_\_\_\_**
* **How many Saturdays are there? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **How many Sundays are there? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **What date is the last Friday? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **What day and date will it be 4 days after the 12th? \_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **What day and date was it 5 days before the 9th? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity 6**

**Are there any special days in this month?**

|  |  |  |
| --- | --- | --- |
| **Occasion/ event** | **Day** | **Date** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Activity 7**

**DBE Workbook pages 122 and 123**

**Day 3 and 4**

**Multiplication and division**

**Activity 1 Counting**

**Count forwards in 2s ,5s and 10s between 0 and 500**

**Count backwards in 2s, 5s and 10s from 200 to 0**

**Activity 2 Mental mathematics**

+

5

– 5

5

+

– 5

5

+

– 5

5

+

15

+ 5

**Activity 3**

* **Number of rows \_\_\_\_\_\_\_\_\_\_\_\_**
* **Number of columns \_\_\_\_\_\_\_\_\_\_\_**
* **Number of objects in each row \_\_\_\_\_\_\_\_\_**
* **Number of objects in each column \_\_\_\_\_\_\_\_**
* **Count how many altogether 5, \_\_\_, \_\_\_\_, \_\_\_\_**
* **Addition number sentence 5 + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Another addition number sentence \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Multiplication number sentences \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **How many groups of 5 in 20? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **How many groups of 4 in 20? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Division number sentences \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity 4 Multiplication**

**My dad planted 5 fruit trees in a row. He planted 6 rows. How many fruit trees did he plant?**

* **Show addition number sentence \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Write a multiplication number sentence \_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **What is the answer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity 5 Division**

**My dad planted 30 fruit trees. He had 6 rows. How many fruit trees did he plant in each row?**

* **Show division number sentence \_\_\_\_\_\_\_\_\_\_\_**
* **What is the answer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity 6**

**DBE workbook pages 136 and 137**

**Day 5 Geometric patterns**

**Activity 1 Counting**

**Count forwards and backwards in 2s, 5s, and 10s multiples between 0 and 500**

**Count backwards and backwards in 2s, 5s and 10s from any number between 300 and 500.**

**Activity 2 Mental mathematics**

**Which numbers are missing that add up to the total given?**

|  |  |  |  |
| --- | --- | --- | --- |
| **4** |  |  | **= 25** |
|  | **5** |  | **= 30** |
| **3** | **1** |  | **= 20** |
| **= 24** | **= 18** | **= 33** |  |

**Activity 3 Geometric patterns**

|  |  |
| --- | --- |
| **Pattern** | **Describe (any differences, similarities, how is the pattern)** |
| **\_** |  |

* **Draw the next three shapes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Make your own pattern using your shapes and colours**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Describe your pattern**

* **How is the pattern growing? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **How many triangles will be in the next pattern? \_\_\_\_\_\_\_\_\_\_\_**
* **Draw the next pattern \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **What shape will be shape number 12? \_\_\_\_\_\_\_\_\_\_\_\_\_**