**GRADE: 3 MATHEMATICS Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: 18 to 22 May 2020**

|  |  |
| --- | --- |
| **TIME ALLOCATION (1 hour)**   * **5** minutes for counting each day * **10** minutes for mental mathematics each day. * **45** minutes for concept of the day. | **TERM 2 CONTENT** |
| **TIPS TO PARENT**   * Use worksheets below * Use DBE workbook * Use relevant real objects from home with caution. * Use correct mathematical language as indicated in the worksheets and DBE Workbook.     Mathematics Grade 3 English Book 2 Term 3 & 4 | WCED ePortalMathematics Grade 3 Xhosa Book 1 Term 1 & 2 | WCED ePortal | **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.**  Cartoon Washing Hands Stock Illustrations – 1,188 Cartoon Washing ... **C:\Users\School EC\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\82EAADC.tmp** |

**Day 1 and 2 SHARING LEADING TO FRACTIONS**

**Activity 1 Counting**

**Count forwards in 2s, 3s from 0 to 100**

**Count backwards in 2s and 3s from 60 to 0**

**Count in 4s from 0 to 40**

**Count in 5s between 0 and 500**

**Activity 2 (a) Mental Mathematics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Calculate the following:** | **Answer** |  |  | **Calculate the following:** | **Answer** |
| 1. | 3 + 17 = |  | 6. | 0 + 20 = |  |
| 2. | 5 + 12 = |  | 7. | 4 + 10 = |  |
| 3. | 6 + 11 = |  | 8. | 7 + 11 = |  |
| 4. | 1 + 19 = |  | 9. | 9 + 10 = |  |
| 5. | 2 + 12 = |  | 10. | 10 + 1 = |  |

**Activity 2 (b) Mental Mathematics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1. | 12 - 5 = |  |  | 6. | 13 - 8 = |  |
| 2. | 14 - 6 = |  | 7. | 16 - 7 = |  |
| 3. | 15 - 8 = |  | 8. | 18 - 10 = |  |
| 4. | 11 - 3 = |  | 9. | 19 - 9 = |  |
| 5. | 10 - 5 = |  | 10. | 10 - 0 = |  |

**Activity 3**

**Use real objects like beans, bottle tops**

|  |
| --- |
|  |

1. **Share the strawberries between 2 children**

* **How many strawberries does each child get? \_\_\_\_\_\_\_\_\_**
* **What fraction of the strawberries does each child get? \_\_\_\_\_\_\_\_\_**

1. **Share the strawberries among 4 girls**

* **How many does each girl get?**
* **What fraction of strawberries does each girl get? \_\_\_\_\_\_\_\_\_\_**

**Activity 4 Note:**

* **To find thirds, divide the number of things you have into three groups of equal size.**

**Each one of the groups is 1 third of the whole.**

* **To find fifths, divide the number of things you have into 5 groups of equal size.**

**Each one of the groups is 1 fifth of the whole etc.**

**Answer the following:**

* **What is 1 third of 15? \_\_\_\_\_\_\_\_\_\_**
* **What is 2 fifths of 15? \_\_\_\_\_\_\_\_\_\_\_**
* **What is 1 quarter of 8? \_\_\_\_\_\_\_\_\_\_**
* **What is three quarters of 8? \_\_\_\_\_\_\_\_\_\_\_**

**Activity 5 DBE Workbook pages 128 and 129**

**DAY 3 LENGTH**

**Activity 1 Counting**

**Count forwards in 3s from 0 to 60**

**Count backwards in 1s and 3s from 60 to 0**

**Count in 4s from 84 to 0**

**Count in 100s to 1000**

**Activity 2 Mental Mathematics**

**Arrange from greatest to smallest**

162

261

226

216

126

**-------------------------------------------------------------------------------------------**

**Arrange from smallest to greatest**

223

123

312

213

231

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

**Activity 3**

Find the length of the following objects

|  |  |  |
| --- | --- | --- |
| OBJECT TO MEASURE | MEASURING UNIT | LENGTH |
| Pencil | Toothpick  Matchstick | \_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_ |
| Book | Toothpick  Matchstick | \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_ |
| Your index finger (finger next to the thumb) | Toothpick  Matchstick | \_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Table at home | Hand span | \_\_\_\_\_\_\_\_\_\_\_\_ |

**Activity 4**

**DBE Workbook pages 28 and 29**

**DAY 4 BAR GRAPH**

**Activity 1 Counting**

**Count forwards in 2s, 3s from 0 to 100**

**Count backwards in 2s and 3s from 60 to 0**

**Count in 4s from 0 to 40**

**Count in 5s between 0 and 500**

**Activity 2 Mental Mathematics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Calculate the following:** | **Answer** |  |  | **Calculate the following:** | **Answer** |
| 1. | 8 + 17 = |  | 6. | 0 + 20 = |  |
| 2. | 9+ 2 = |  | 7. | 14 + 10 = |  |
| 3. | 6 + 22 = |  | 8. | 70+ 11 = |  |
| 4. | 1 + 21 = |  | 9. | 9 + 15 = |  |
| 5. | 12 + 12 = |  | 10. | 1+ 1 = |  |

**Activity 3**

This bar graph below shows the number of fruits that was sold last month, look at it and answer the questions below.

**Fruit sold in April**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 11 |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |

Apples Bananas Grapes Oranges Pineapples Strawberries

1. Which fruit was sold the most? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Which fruit was sold the least? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Is there any fruit that was sold an equal number of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

If yes how many of that fruit was sold? \_\_\_\_\_\_\_\_\_\_\_\_

1. Which fruit was sold the second most of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Which fruit was sold the second least of? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, how many of that fruit was sold?

**Activity 4**

Record the records of fruit on the bar graph above on the frequency table below

**TALLY FREQUENCY TABLE**

|  |  |  |
| --- | --- | --- |
| DESCRIPTION | TALLY | FREQUENCY |
| Apples |  |  |
| Bananas |  |  |
| Grapes |  |  |
| Oranges |  |  |
| Pineapples |  |  |
| Strawberries |  |  |

**Activity 5**

**DBE Workbook pages 84 and 85**

**DAY 5 3- D objects**

**Activity 1 Counting**

**Count forwards in 2s, 3s from 0 to 100**

**Count backwards in 2s and 3s from 60 to 0**

**Count in 4s from 0 to 40**

**Count in 5s between 0 and 500**

**Activity 2 Mental Mathematics**

Think of any number you like, write it down

Number \_\_\_\_

|  |  |
| --- | --- |
| What is | Answer |
| 10 more? |  |
| 20 more? |  |
| 25 more? |  |
| 50 more? |  |
| 100 more? |  |

**Activity 3**

|  |  |  |
| --- | --- | --- |
| **Shape** | **Name the shape** | **Does it roll or slide?** |
| [Volume of a Cylinder : 5 Steps - Instructables](https://www.google.co.za/url?sa=i&url=https://www.instructables.com/id/Volume-of-a-cylinder-1/&psig=AOvVaw3n2PkwNT-zP_HKB8VwJTrq&ust=1589381936944000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCMCt257LrukCFQAAAAAdAAAAABAI) |  |  |
| Blue Cone in white background. 3D Render Illustration - Royalty-free Cone Shape Stock Photo |  |  |
| [Cube, dice, shape icon](https://www.google.co.za/url?sa=i&url=https://www.iconfinder.com/icons/3133106/cube_dice_shape_icon&psig=AOvVaw1xF_oi81ycg0sec5HH3A9Y&ust=1589382165814000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCOjB8ovMrukCFQAAAAAdAAAAABAc) |  |  |
| [Sphere - Wikipedia](https://www.google.co.za/url?sa=i&url=https://en.wikipedia.org/wiki/Sphere&psig=AOvVaw1ez-DV-QV5ZON_a3stt2UZ&ust=1589381752470000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCIDR8sbKrukCFQAAAAAdAAAAABAI) |  |  |

**Activity 4**

**DBE workbook pages 22 and 23.**