**Date: 4-8 May 2020**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SUBJECT** | Mathematics | **GRADE** | **2** | **Concept: Family facts 0- 50 (term 2 content)** |
| **TIME ALLOCATION**  **1 hour a day** | **5** minutes for counting.  **10** minutes for mental mathematics  **45** minutes for the concept. | **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 relevant resources from home with caution |

**Activity 1 counting (for 5 minutes)**

Count forwards in 2s from 0 to 40

Count backwards in 2s from 40 to 0

**Activity 2 Mental Mathematics (10 minutes)**

**Write down 10 different ways on number bonds of 10**

* **1 + 9 = 10**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
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* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Activity 3 family facts 10 to 20**

**0 1 2 3 4 5 6 7 8 9 10**

With reference to the above diagram of number bonds of 10, write 10 pairs of numbers that make 20

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

**Activity 4**

Write down 10 pairs of numbers that make 30

**Activity 5**

Write 10 pairs of numbers that make 40

**Activity 6**

Write 10 pairs of numbers that make 50

**Date: 5 May 2020**

|  |  |  |  |  |
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| **SUBJECT** | Mathematics | **GRADE** | **2** | **Concept: Doubles and near doubles up to 50 (term 2 content)** |
| **TIME ALLOCATION**  **1 hour a day** | **5** minutes for counting.  **10** minutes for mental mathematics  **45** minutes for the concept. | **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 |

**Activity 1 counting (for 5 minutes)**

Count forwards in 2s from 0 to 50

Count backwards in 2s from 50 to 0

Count in 5s from 65 to 150

### Activity 2 Mental mathematics activity (10 minutes)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **What number comes just after:** | **Answer** |  |  | **What number comes just after:** | **Answer** |
| 1. | 14 |  | 6. | 49 |  |
| 2. | 23 |  | 7. | 16 |  |
| 3. | 12 |  | 8. | 1 |  |
| 4. | 45 |  | 9. | 30 |  |

**Activity 3 Doubles**

**Write the following as number sentences**

* Double 12 is 12 + 12 = 24
* Double 13 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Double 7 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Double 15 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Double 9 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Double 25 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Activity 4 Near doubles**

**Add the following sums using near doubles**

**Example: 13 + 14 is double 13 + 1 (13 + 13 + 1) = 27**

* 4 + 5 is \_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_\_) = \_\_\_\_\_
* 16 + 17 is \_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_) = \_\_\_\_\_
* 18 + 19 is \_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_) = \_\_\_\_\_
* 24 + 23 is \_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_) = \_\_\_\_\_

**Activity 5**

DBE workbook pages 96, 97, 98 and 99.

**Date: 6 May 2020**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SUBJECT** | Mathematics | **GRADE** | **2** | **Concept: Addition using building up and breaking down numbers up to 50 (term 2 content)** |
| **TIME ALLOCATION**  **1 hour a day** | **5** minutes for counting.  **10** minutes for mental mathematics  **45** minutes for the concept. | **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 |

**Activity 1 counting (for 5 minutes)**

Count forwards in 10s from 0 to 100

Count backwards in 10s from 100 to 0

**Activity 2 Mental Mathematics written or oral (10 minutes)**

**Gi**ve at least 10 pairs that make 20

**Activity 3 building up and breaking down numbers**

**46**

**10 + 10 + 10 + 10 + 10 + 6**

**4 tens 6 units**

**Build up and break down these numbers into tens and units/ ones as shown above**

* 35

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 42

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 23

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 17

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 50

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Activity 4**

**DBE workbook pages 76 and 77**

**Activity 5 adding using breaking down**

**Example:**

**27 + 12 = \_\_\_\_\_**

**(20 + 7) + (10 + 2)**

**= (20 + 10) + (7 + 2)**

**= 30 + 9 = 39**

**Solve the following sums by breaking down numbers**

* 51 + 34 = \_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 63 + 22 = \_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 49 + 36 = \_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**Date: 7 and 8 May 2020**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SUBJECT** | Mathematics | **GRADE** | **2** | **Concept: Subtraction using building up and breaking down numbers up to 50 (term 2 content)** |
| **TIME ALLOCATION**  **1 hour a day** | **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 off 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 |

**Activity 1 counting (for 5 minutes)**

Count forwards in 10s from 0 to 100

Count backwards in 10s from 100 to 0

**Activity 2 (a) Mental Mathematics oral**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **What is one more than:** | **Answer** |  |  | **What is one less than:** | **Answer** |
| 1. | 40 + 9 |  | 6. | 50 |  |
| 2. | 30 + 2 |  | 7. | 20 + 2 |  |
| 3. | 10 + 5 |  | 8. | 10 – 8 |  |
| 4. | 20 + 5 |  | 9. | 30 + 6 |  |

**Activity 2 (b) Mental Mathematics written**

* My friend bought 18 sweets for the party. We ate 6. How many sweets are left? Show your calculations

|  |
| --- |
|  |

* My mother gave me 20 marbles. I lost 15 in a game. How many marbles do I have left? Show your calculations.

|  |
| --- |
|  |

**Activity 3 Subtraction using breaking down of numbers**

**Example:**

**47 \_ 26 = \_\_\_\_\_\_**

**(40 + 7) \_ (20 + 6)**

**(40 \_ 20) + (7 \_ 6)**

**20 + 1 = 21**

**Solve the following using breaking down of numbers**

* 48 \_ 21 = \_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 36 \_ 25 = \_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 27 \_ 19 = \_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 51 \_ 33 = \_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Activity 4**

**DBE workbook pages 78, 79, 86, 88 to 91**