# Maths Planning and Ideas

**Week Commencing: 17.05.2021**

**2021 Year Group: 3**

| | Monday | Tuesday | Wednesday | Thurssday | Friday |
|---|---|---|---|---|---|
| **Area of Learning** | LC: Can you subtract 3-digits using the column method(1)? | LC: Can you subtract 3-digits using the column method (2)? | LC: Can you use the inverse operation to check calculations? | **Consolidation tasks** | **Consolidation tasks** |
| **Activity** | **Starter:** Children to complete questions multiplying and dividing by 10 (slide 2). <br><br> **Main:** <br> Use PPT to explain subtracting 3 digit numbers using the formal method of column subtraction (without exchanging). Model the setting out of the columns and using Base 10 or counters along side so that the children can make the connections. <br><br> **Independent:** Children to complete the Fluency (red box), Reasoning (yellow box) and Problem Solving (green box) questions. **Extension activity:** Dive Deeper question (blue box). | **Starter:** Children to complete questions on number bonds to 100 (slide 2) <br><br> **Main:** <br> Use the PPT to explain subtracting 3 digit numbers using the formal method of column subtraction(with an exchange) Model the setting out of the columns with exchanges and using Base 10 or counters along side so that the children can make the connections. <br><br> **Independent:** Children to complete the Fluency (red box), Reasoning (yellow box) and Problem Solving (green box) questions. **Extension activity:** Dive Deeper question (blue box). | **Starter:** Children to complete questions on dividing 100 into 2, 4,5 and 10 part (slide 2). <br><br> **Main:** <br> Use the PPT to explain how we can use the inverse operation to check calculations are correct. Model to the children by showing an addition calculation working through and then using subtraction to check. <br><br> **Independent:** Children to complete the Fluency (red box), Reasoning (yellow box) and Problem Solving (green box) questions. **Extension activity:** Dive Deeper question (blue box). | | |

| | Live lessons will be on your class teams channel. | Live lessons will be on your class teams channel. | Live lessons will be on your class teams channel. | | |
|---|---|---|---|---|---|
| | | | | | |

1) 867 - 532 = ___

2) 593 - 463 = ___

3) 747 - 336 = ___

4) 919 - 315 = ___

5) 692 - 280 = ___

6) 583 - 122 = ___

7) 473 - 221 = ___

9) Four coaches carry 245 children altogether. 124children travel on the first two coaches. How many are on the last two coaches?

10) A trawler catches 928 fish in one net and 716 fewer in a second net. How many fish are caught in the second net?

8) Are these number sentence true or false?
556 - 231 = 324
865 - 554 = 411
461 - 121 = 582
Explain your answers.

11) Alex has calculated 223 - 142 = 81
Is she correct _____ Explain your answer.

| 100s | 10s | 1s |
|------|-----|----|
| 2̶ 1 | 2 | 3 |
| - 1 | 4 | 2 |
| 0 | 8 | 1 |

1) 837 - 562 = ___

2) 813 - 764 = ___

3) 954 - 392 = ___
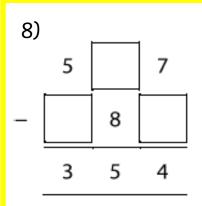
4) 364 - 207 = ___

5) 781 - 546 = ___

6) 297 - 149 = ___

7) 823 - 273 = ___

10) A hotel room has 238 rooms. 196 have people staying in them. How many rooms are empty?

11) When 563 Martians were asked to choose their favourite TV programme 584 chose Dr. Who. How many chose a different programme?

8)

```
    ☐
5   ☐   7
  ☐ 8 ☐
- ☐   ☐
  3 5 4
```

9)

```
  4 8 2          8 2 4
- 1 9 7        - 3 1 9
_____        _____


  3 1 6          9 0 3
- 1 0 3        - 1 2 4
_____        _____
```

## 19.05.2021
## LC: Can you use the inverse operation to check calculations?

1) 237 + 562 = ___

2) 413 + 764 = ___

3) 654 + 292 = ___

4) 864 - 607 = ___

5) 581 - 246 = ___

6) 597 + 149 = ___

7) 863 - 473 = ___

9) Rosie has £ 942 in her bank account. She takes out £ 175. How much is left in the account?

10) A Post Office sells 537 1st class stamps and 285 2nd class stamps. How many stamps are sold *altogether*? How many more 1st class stamps are sold than 2nd class stamps?

8)

[ ___ ] - 343 = 332

What is the largest possible number that will go in the rectangular box?
Convince me.

11) Charlie solves the calculation
627 - 406
He says,

> The answer has the same digit in all 3 columns.

Explain the mistake that charlie could have made. What is the correct answer?