**Year 4 Maths
Steppingstone activity**

**Lesson 3
LO: To subtract two 4-digit numbers**

**Success Criteria:**

|  |
| --- |
| 1. **Write out the calculation – check digits are in the correct columns!**
 |
| 1. **Subtract the bottom ones digit from the top ones digit.**
 |
| 1. **Subtract the bottom tens digit from the top tens digit.**
 |
| 1. **Subtract the bottom hundreds digit from the top hundreds digit.**
 |
| 1. **Subtract the bottom thousands digit from the top thousands digit.**
 |



**Model**

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1. **2. 3. 4. 5.**

**Now you try…**

**7745 – 5223 = 6936 – 2513 = 5038 – 1014 = 8765 – 7654 = 2944 – 1321 =**

**Stepping stone challenge:**



**Year 4 Maths**

**Lesson 3
LO: To subtract two 4-digit numbers**

**Task:**

You are going to practise subtracting with exchanges.

**Success Criteria for 5643 - 4316**

|  |
| --- |
| 1. **Write out the calculation – check digits are in the correct columns!**
 |
| 1. **Can you subtract the bottom digit from the top digit? No. Exchange one ten for ten ones.**
 |
| 1. **Subtract the bottom one from the new 2-digit number above.**
 |
| 1. **Go to the tens column and subtract the bottom ten from the new** **top ten.**
 |
| 1. **Subtract the bottom hundreds digit from the top hundreds digit.**
 |
| 1. **Subtract the bottom thousands digit from the top thousands digit.**
 |



**Model:**

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 **1. 2. 3. 4. 5. 6.**

**Make sure all your answers are in the correct columns!!!**

**Year 4 Maths
Main activity**Complete at least 2 columns, more if you can!

|  |  |  |  |
| --- | --- | --- | --- |
| **Task 1** | **Task 2** | **Task 3** | **Task 4** |
| **Practice****Have a go at these subtractions (one exchange)****4721 – 3605 =****3425 – 1283 =****4172 – 3650 =****8259 – 4750 =****4721 – 3650 =** | **Practice****Have a go at these subtractions (more than one exchange)****5142 – 4085 =****9756 – 5837 =****8291 – 6534 =****7352 – 4867 =****5063 – 3258 =** | **Reasoning****Explain the mistake in the calculation below.****Complete the calculation below** | **Problem solving****Chloe is given a starting number of 7,968. She rolls four dice and gets the numbers 1, 2, 3 and 6. She arranges them to make different 4-digit numbers which she subtracts from her starting number.** **The grid shows four of the numbers she created after completing her subtractions.****What subtractions did she complete?** |