**Year 3 Maths
Steppingstone activity**

**Lesson 9
LO: To use Base 10 jottings for subtraction**

**Success Criteria:**

|  |
| --- |
| 1. **Write the number sentence (e.g. 25 - 13 =)**
 |
| 1. **Represent the biggest number as tens and ones using Base 10 jottings**
 |
| 1. **Cross off the smaller number from the Base 10 jottings (start with tens, then cross off ones)**
 |
| 1. **Draw what Base 10 you have left over**
 |
| 1. **Write the answer to complete your number sentence**
 |

**Model:**

**1.**

**3.**

**2.**



**5.**

**4.**

**Now you try:**

1. **23 – 21**
2. **57 - 26**
3. **36 - 12**
4. **42 - 21**

**Year 3 Maths**

**Lesson 9
LO: To use column subtraction with exchanges**

**Success Criteria:**

|  |
| --- |
| 1. **Put the larger number on the top**
 |
| 1. **Put the smaller number below (in the correct place value columns!)**
 |
| 1. **Subtract the units (top number - bottom number)**
 |
| 1. **If this is not possible, exchange from the tens column**
 |
| 1. **Now repeat step 3.**
 |
| 1. **Subtract the 10s (top number - bottom number)**
 |
| 1. **If this is not possible, exchange from the hundreds column**
 |
| 1. **Now repeat step 6**
 |

**Model**

**4.**

**2.**

**1.**



**3.**



**6.**

**5.**



**Year 3 Maths - Main activity**Complete at least 2 columns, more if you can!

|  |  |  |  |
| --- | --- | --- | --- |
| **Task 1** | **Task 2** | **Task 3** | **Task 4** |
| **Practice****Use column subtraction to solve these:****a)** **b)** **c)** **d)** **e)**  | **Practice****Use column subtraction to solve these:** | **Reasoning****Work out the missing numbers:** | **1. Use the digit cards to complete the calculation:****The digits in the shaded boxes must be odd**.Can you find more than one answer?**2.** **Sarah and Juliet are playing a game. Sarah scores 351 points and Juliet scores 478 points.** **a)** How many points do they score altogether?**b)** How many more points does Juliet score than Sarah?**Next day, they play the game again. Sarah scores 281, Juliet scores 60 less than Sarah.****c)** How many points do they score altogether? |