**Year 3 Maths
Steppingstone activity**

**Lesson 8
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. **26 - 23**
2. **47 - 25**
3. **38 - 17**
4. **22 - 11**

**Year 3 Maths**

**Lesson 8
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) 45 - 38 =****b) 32 - 27 =****c) 14 - 8 =****d) 36 - 19 =****e) 21 - 15 =****f) 52 - 37 =** | **Practice****Use column subtraction to solve these:****a) 133 - 25 =****b) 224 - 18 =****c) 232 - 40 =****d) 319 - 130 =****e) 255 - 171 =****f) 243 - 65 =** | **Reasoning** | **Problem solving****Calculate the missing number in each model:****a)****b)****c)**   |