**Year 4 Maths
Steppingstone activity**

**Lesson 8
LO: To solve multiplication word problems
Success Criteria:**

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| --- |
| 1. **Read the problem carefully and identify the key numbers.**
 |
| 1. **Layout your multiplication accurately (brackets in line with answers)**
 |
| 1. **Multiply the ones**
 |
| 1. **Multiply the tens**
 |
| 1. **Add your answers together**
 |

**Model**

1. ** 2. 3. 4. 5.**
2. **Jane gave 5 of her friends 32 marbles at her birthday party. How many marbles did she have altogether? 160**
3. **John ate 16 raisins every day for 9 days. How many raisins did he eat altogether? 144**
4. **Mary and Ben went for a walk in the English countryside for one week. They were able to walk 12km every day. How many km did they walk altogether? 84km**

**Year 4 Maths**

**Lesson 8
LO: To solve multiplication word problems**

**Task:**

You are going to practise multiplying to solve word problems! You can choose to do the expanded method or the short method.

**Success Criteria:**

|  |
| --- |
| 1. **Read the problem carefully.**
 |
| 1. **Identify the calculations required (there might be more than one).**
 |
| 1. **Layout your calculations accurately**
 |
| 1. **Solve the calculations.**
 |
| 1. **Check that you have answered the question properly.**
 |

**For models of expanded and short multiplication methods, see lessons 6 and 7.**

**Year 4 Maths
Main activity**Complete at least 1 column, more if you can!

|  |  |  |
| --- | --- | --- |
| **Task 1 – one step** | **Task 2 – more than one step** | **Task 3 – multiple steps (extra challenging!)** |
| 1. John ate 37 grapes every day for 9 days. How many grapes did he eat altogether? **333**2. Each day the new museum in the town of is allowed 430 tourists. How many tourists are allowed in 3 days? **1290**3. If there are 563 jelly beans in one large bucket, how many jelly beans are in 4 buckets? **2252** | 1. A child has 2 complete albums of football stickers. The first has 28 pages with 5 stickers on each page, and the second has 36 pages with 6 stickers on each page. How many football stickers are there altogether? **356**2. A teacher has 4 packs of colouring pencils, each with 252 pencils, and 9 packs of writing pencils, each with 126 pencils. How many pencils are there altogether? **3402**3. Finley and Ted went on a long cycling holiday in Germany. In the first week they cycled 102 km a day and in the second week the cycled for 98 km a day. How many km did they cycle altogether? **1400km** | A machine produces 356 dice in one hour. The machine runs for 8 hours a day, 6 days a week. The dice are sold in pairs, packs of 5 and packs of 8. Out of one week’s production of dice, the following are made:• 2500 pairs• 1200 packs of 5• 760 packs of 8**How many dice are left over after the packs are made?****5000 + 6000 + 6080 = 17088 dice in a week.****17080 are packed, so 8 are left over.** |