**Week 10 Day 2 Task 1: Woking towards ARE**

**Pairs**

* Choose to use a beaded line or 1-100 grid with red multiples of 10 to help.
* Work in pairs to choose a number from each set, recording them in an addition number sentence on ‘make your own addition activity sheet’
* Now draw either **Y** for yes or **N** for no beside it. Write **Y** if you think that you WILL have to cross a ‘red’ number (multiple of 10). Write **N** if you think you will NOT have to cross a ‘red’ number.
* Now add the 2 numbers, using the ‘T10’ recording strategy to keep track of how the 1-digit number is partitioned. Compare answers.
* Choose another pair of numbers and repeat the process.

**Outcomes:**

I can add a single digit to 2-digit number, showing how to ‘bridge’ ten.

|  |  |
| --- | --- |
| Learning Outcomes/Rubrics: | |
| I can find the nearest 10 of a number. |  |
| I can find how many to reach the nearest 10 of a number. |  |
| I can predict whether the calculation will cross multiple of 10 or not |  |

**Day 2 task 2:**

Solve sheet 1.

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**Day 2 task 2:**

Solve sheet 1.

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**Week 10 Day 2 Task 1: Greater Depth**

**Pairs**

* Work in pairs.
* Use a 1-100 grid with multiples of 10 coloured in red.
* Spread out the 5 to 9 cards face up.
* Together choose a card, e.g. 6.
* Now each writes 3 additions, each made by choosing a number on the 1-100 grid and adding the chosen card number. BUT you must obey these rules:

1. Each addition *must* cross a red number (multiple of 10).
2. Each addition *must* ‘split’ the card number in a different way to target the 10, e.g. obe person writes 38 + 6 = 44 for his first addition. This partitions the 6 into 2 (to reach 40) and 4 (to get to 44). So his next addition cannot be 58 + 6!

* Check each other’s additions.
* Repeat, choosing a different number card each time.

**Outcomes:**

I can add a single digit to 2-digit number, showing how to bridge 10.

|  |  |
| --- | --- |
| Learning Outcomes/Rubrics: | |
| I can find the nearest 10 of a number. |  |
| I can find how many to reach the nearest 10 of a number. |  |
| I cana single digit to 2-digit number, showing T10. |  |

**Day 2 task 2:**

Solve sheet 2