

Aims

- To briefly look at the current teaching of numeracy and mathematics in school
- To explain some of the resources that are used in school
- To demonstrate ways you can help at home





Place Value













5 thousands

- 3 hundreds
- 4 tens
- 1 one

53 hundreds 2 tens 21 ones















Partitioning

812 + 26 =



800 + 10 + 20 = 830 830 + 6 + 2 = 838

Bridging through 10

- The children are working out the answer to 7 + 146
- They know that 7 + 146 = 146 + 7

I partitioned 7 into 4 and 3. 146 + 4 = 150. 150 + 3 = 153

The answer is 153



Bridging through 100

- The children are calculating 754 80
- They know that 80 can break into 50 and 30

I partitioned 80 into 50 and 30 754 - 50 = 704 704 - 30 = 674

The answer is 674

Compensation/Transformation

• 137 + 125 =

I changed the calculation 137 + 125 to 140 + 122. I added 3 to 137 and took 3 away from 125.

262



Compensation/Transformation

• 553 - 119 =

Instead of 553 – 119, I did 554 - 120. 554 take away 100 is 454, take away 20 is 434. I checked that my strategy worked by working out 553 – 119 on an empty number line.

> Remember, when it comes to subtraction transformation – then what happens on one side, happens on the other.



Arrays

3 x 4 = 12

4 x 3 = 12 12 ÷ 4 = 3 12 ÷ 3 = 4



Real life arrays

How many chocolates are in the box? What would be the case if there were two layers? What is the area of the box?

Empty Nunger Libes

- Very diverse tool
- Can be used for all four operations – addition, multiplication, division and subtraction

100

lears

• Learners in charge of the numbers they ase

