

YEAR 2: PLACE VALUE

Facts

The place of a digit in a number decides what value the digit has.

tens	ones

The greedy crocodile will eat the biggest number!

Digits	Teens	Tens
0 zero	11 eleven	10 ten
1 one	12 twelve	20 twenty
2 two	13 thirteen	30 thirty
3 three	14 fourteen	40 forty
4 four	15 fifteen	50 fifty
5 five	16 sixteen	60 sixty
6 six	17 seventeen	70 seventy
7 seven	18 eighteen	80 eighty
8 eight	19 nineteen	90 ninety
9 nine	100 hundred 1,000 thousand	

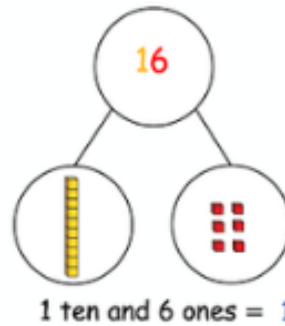
Counting in 3s

3, 6, 9, 12, 15, 18, 21, 24, 27, 30

Strategies

Hundreds	Tens	Ones
 Flat=100	 Long=10	 Unit=1

Part whole model



A part-part-whole model has the whole number on its own with 2 of its parts coming off.

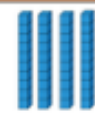
Use a number line to identify and estimate numbers:



Problem Solving

There are 40 cookies in the jars:



Tens	Ones
	
Tens	Ones
	

= 41

= 41

VOCABULARY

more
less

place value
digit
number

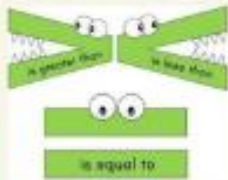
ones
tens
hundreds

greater than
less than
equal to

YEAR 1: PLACE VALUE WITHIN 10



Facts



The greedy crocodile will eat the biggest number!

Numbers	
1	One
2	Two
3	Three
4	Four
5	Five
6	Six
7	Seven
8	Eight
9	Nine
10	Ten



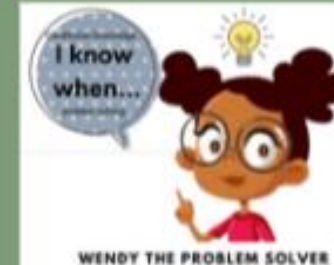
Strategies



We can sort objects by shape, size and colour.



A number line can help us find one more and one less.



Problem Solving

Tiny has mixed up number 4 and 5!



What mistakes has Tiny made?

Kim and Mo could both be correct, as all the cubes are green and all the counters are yellow.

Vocabulary

greater than
less than
equal to

place value
digit
number

more
less