

## Year 1 - Number: Addition and Subtraction

### National Curriculum Aims

- Represent and use number bonds and related subtraction facts within 10
- Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
- Add and subtract one digit numbers to 10, including zero
- Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.

### Key Vocabulary

Addition	The action of adding something to something else
Difference	The result of subtracting one number from another
Equal	Being the same in in quantity size or value
Fact Family	A group of maths facts using the same numbers
Number bond	A simple addition sum that can be recognised and completed instantly (recall)
Part whole model	Refers to how numbers can be split into parts and relationship between these numbers.
Partition	Way of working out maths problems by splitting them into smaller units so they are easier to work with.
Pattern	Repeating or recurring sequence arranged according to a rule
Subtraction	The action of removing objects from a collection



### Home Learning

- Play 'Hit The Button' to practise number bond recall.
- Practically add and subtract groups of objects at home

### Core Knowledge and Representations



$$6 + ? = 10$$

$$10 - 6 = ?$$

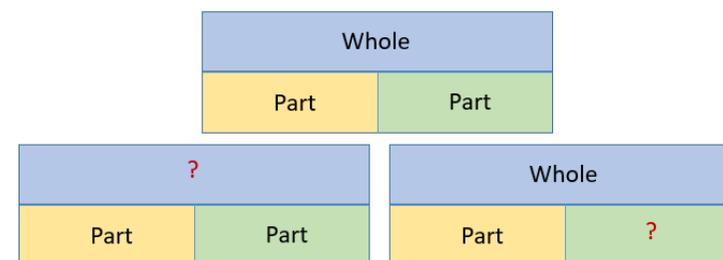
$$? + 6 = 10$$

$$10 - 4 = 6$$

#### Make 6

 2 and 4	 3 and 3	 4 and 2
 0 and 6	 1 and 5	 5 and 1

#### Part-Part-Whole Model



Missing Whole: Add  
Whole = Part + Part

Missing Part: Subtract  
Part = Whole - Part