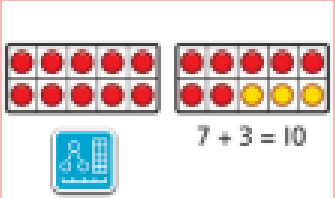
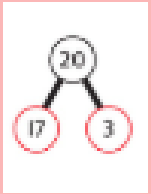
Year 1 Addition and Subtraction (2) Knowledge Organiser

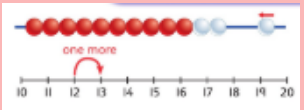
Star Vocabulary

Subtract	Taking an amount away
Plus +	When you add two or more amounts together
Add +	Combining amounts together.
Altogether +	capable of producing desired results with little or no waste
Fact Family	A collection of related addition and subtraction facts involving the same numbers
Number Sentence	sentence written in numerals, using mathematical symbols
Equals =	The total amount

Add and subtract numbers to 10 including number bonds.







17 + 3 = 20

recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

Sentence Stems

How many bonds can I make if 10 is a whole?

What is the largest/smallest number?

Can you write a fact family for ____?

If ____ is the whole and ___ is a part, what is the missing part?

Misconceptions: Why?

12+5 = 18

INCORRECT jump on a number line (forward for subtraction, backwards for addition or more than one jump per number)

Factual & Conceptual Fluency progression

- Addition and subtraction within 10.
- Addition and subtraction across 10.
- Secure and maintain fluency in addition and subtraction within and across 10, through continued practice.
- Recall the 10 and 5 multiplication tables, and corresponding division facts.
- Recall the 2, 4 and 8 multiplication tables, and corresponding division facts.
- Recall the 3, 6 and 9 multiplication tables, and corresponding division facts.
- Recall the 7-multiplication table, and corresponding division facts.
- Recall the 11 and 12 multiplication tables, and corresponding division facts.
- Secure and maintain fluency in all multiplication tables, and corresponding division facts, through continued practice.