


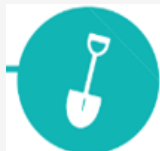

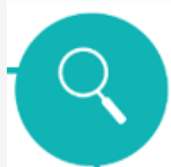




Speak like a mathematician!

# Year 3 Oracy Maths Mat

Use these stems and roles to explain your thinking, justify your reasoning,

## Voice 21 Discussion Roles and Sentence Stems

	<b>Instigator</b> "I think this problem is about..." "Let's try..." "We could use..."		<b>Prober</b> "Why do you think that works?" "What makes you say that?" "How can we check?"
	<b>Challenger</b> "I see it differently because..." "Could it be...?" "Are we sure about...?"		<b>Clarifier</b> "Can you show what you mean?" "Do you mean the same as...?" "Which step comes next?"
	<b>Summariser</b> "We discovered that..." "The important part is..." "We solved it by..."		<b>Builder</b> "I agree and I'd like to add..." "That's similar to..." "Another example is..."

## Mathematical Talk Stems



"I can show my thinking by..."

"I know this because..."

"I noticed that..."

"I checked my answer by..."

"This reminds me of..."

"My method was... then..."

"I think the pattern is..."

"I improved it by..."

Talk like Benjamin Banneker in Year 3



# Key Year 3 Mathematical Vocabulary

## Place Value

Hundreds, tens, ones, partition, regroup, number line, compare, order.

## Addition and Subtraction

Column method (intro), estimating, difference, exchange.

## Multiplication and Division

Arrays, groups of, times/divide, facts/fact family.

## Fractions, Decimals & Percentages

Unit/non-unit fraction, numerator, denominator, equal parts, thirds, quarters.

## Measure (Money, Length, Mass, Capacity, Time)

Length (mm/cm/m), mass (g/kg), capacity (ml/l), analogue time, minutes.

## Shape & Geometry

Right angle, acute, obtuse (intro), 2D/3D, edge, face, vertex.

## Statistics

Tally, table, bar chart, scale, data.

## Position & Direction,

Turns, right angle turn, clockwise/anticlockwise.

## Top Tips for Mathematical Discussion

- Use precise vocabulary - be a *mathematical talk expert*.
- Build or challenge respectfully.
- Listen carefully before you respond.
- Explain your reasoning, not just your answer.

