



Speak like a mathematician!

Year 4 Oracy Maths Mat

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

Voice 21 Discussion Roles and Sentence Stems

	Instigator "Let's talk about..." "I think we should start by..."		Prober "Can you tell me why?" "What might happen if...?" "Why do you think that?"
	Challenger "I'm not sure I agree because..." "Have you thought about...?" "I see it differently because..."		Clarifier "Do you mean...?" "Can you explain that more?" "Can you give me an example?"
	Summariser "So far, we've said..." "The main thing is..." "We all agree that..."		Builder "Adding to what you said..." "That links to your idea about..."

Mathematical Talk Stems

"I think this is right because..."

"My method works because..."

"To show this, I used..."

"The pattern I noticed is..."

"This connects to when we learned..."

"I don't agree because my answer shows..."

"I can check my answer by..."

"The best way to do this is..."

"The most efficient method is... because..."



Talk like Hertha Marks
Ayrton in Year 4



Key Year 4 Mathematical Vocabulary

Place Value Thousands, hundreds, tens, ones, rounding, estimate, partition.

Addition & Subtraction Column addition/subtraction, regroup/exchange, difference.

Multiplication & Division Times tables (up to 12×12), factor, multiple, product, quotient.

Fractions/Decimals Unit fraction, non-unit fraction, equivalent, tenth, hundredth, decimal point.

Measure Perimeter, area (rectangles), convert (m \leftrightarrow cm, kg \leftrightarrow g, l \leftrightarrow ml), analogue/digital time.

Shape & Geometry Acute/obtuse/right angle, parallel, perpendicular, line of symmetry.

Statistics Pictogram, bar chart, time graph, scale, key.

Position & Direction Coordinates (first quadrant), translation, reflection.

Top Tips for Mathematical Discussion

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

