Journalling at St Luke's

Embedding Journal Use

If we think of maths as a language then we need to be able to SPEAK it, READ it and WRITE it.

We can think of journaling as an opportunity for a child to communicate an idea or concept, often to themselves, in a way they understand.

What are the reasons behind journaling?

- Open-ended and naturally differentiated assessment tool
- Show understanding of mathematical ideas, techniques and concepts (MULTIPLE representations wherever possible)
- Explore an idea as deeply as they are able to (open task)
- Show what they are thinking/picturing/imagining
- Reveal misconceptions
- Reinforce and internally digest ideas the have been heard, seen and shared
- Be creative show off!! ENJOY!
- Straighten and formalise thinking
- Trial and test ideas
- Can be the main lesson task in and of itself

Descriptive Journaling - Pupils describe what the methods they have used.

"Can you write a set of instructions for a friend so that they can solve this problem?"

Evaluative journaling - Pupils have to make and justify choices. "Why did you choose those methods? How were they helpful?"

Creative Journaling - Pupils are encouraged to develop their own methods/stories. "Can you write a story to go with this problem? Can you invent a new method?"

Investigative Journaling - Pupils record their findings after exploring a problem. "Did you see any patterns?

What helped you in this investigation?"

Formative Journaling - Pupils show you what they have

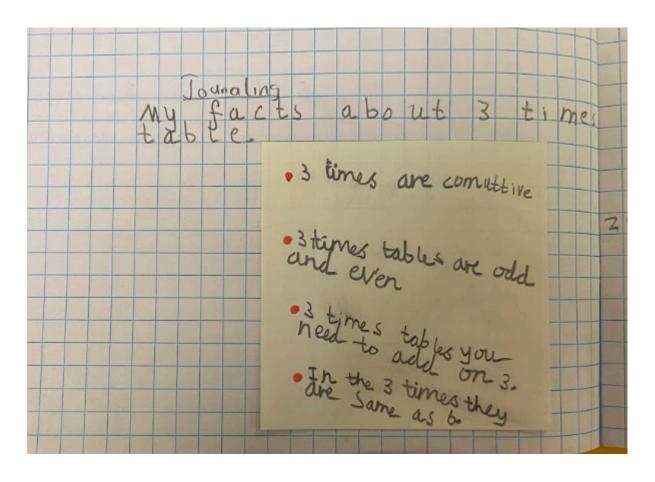
learnt/understood?

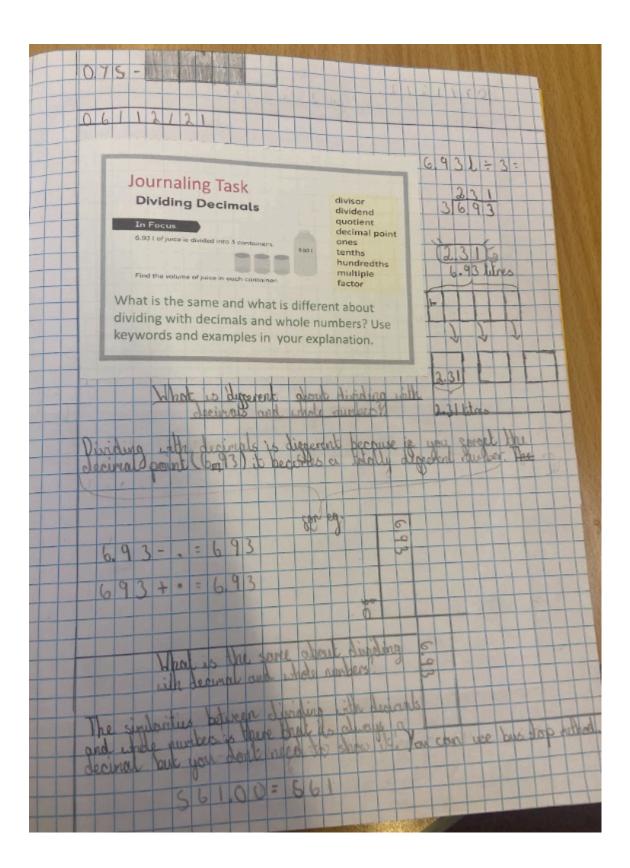
"Choose a question you feel show what you have learnt.

How did you solve question x?

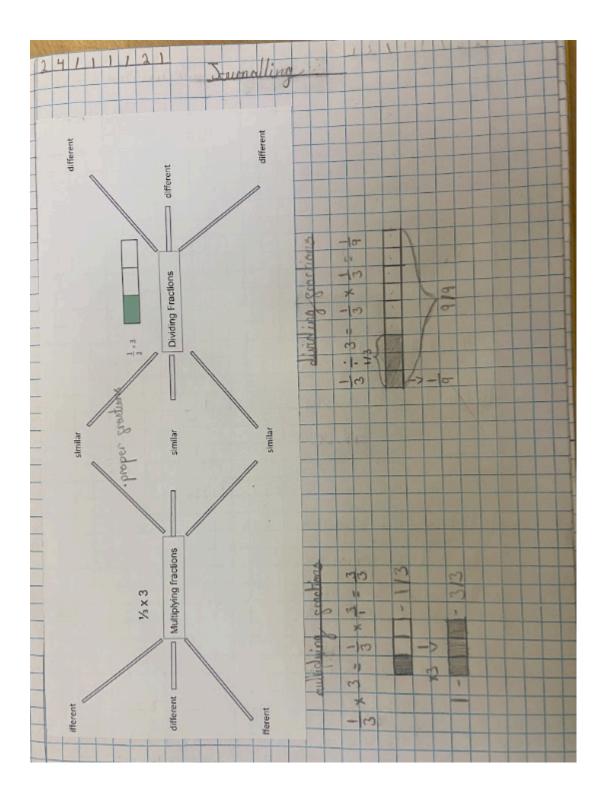
Which of these questions did you find tricky and why?"

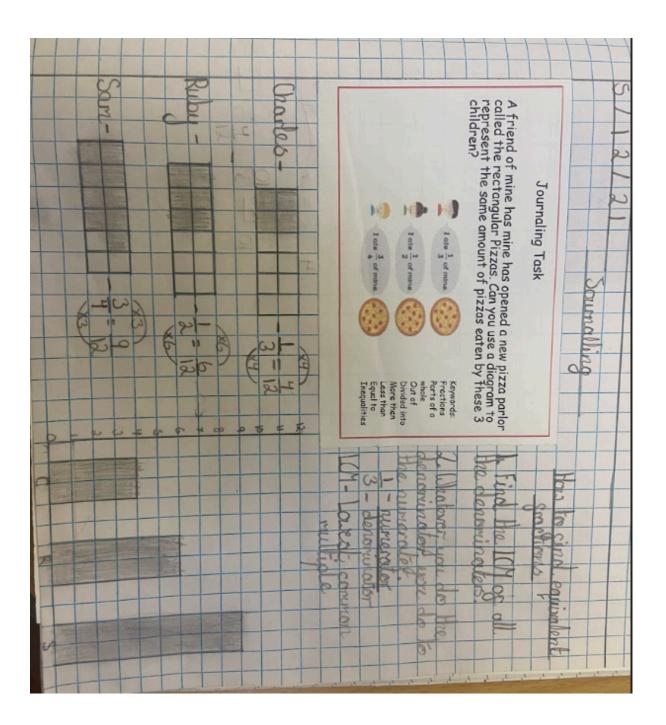
Examples of Journaling at St Luke's

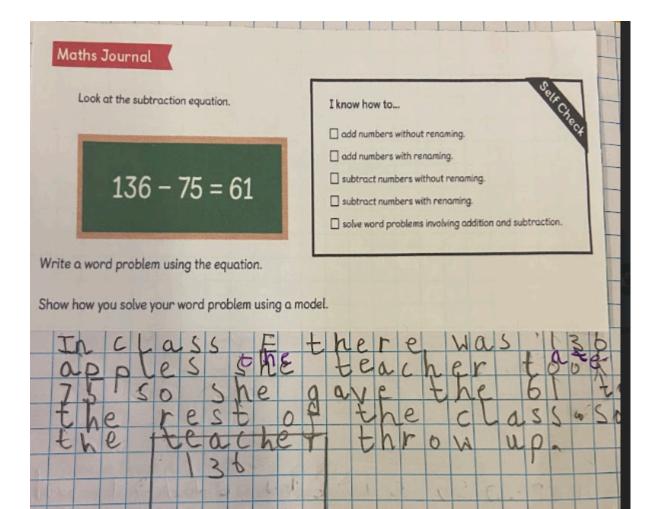


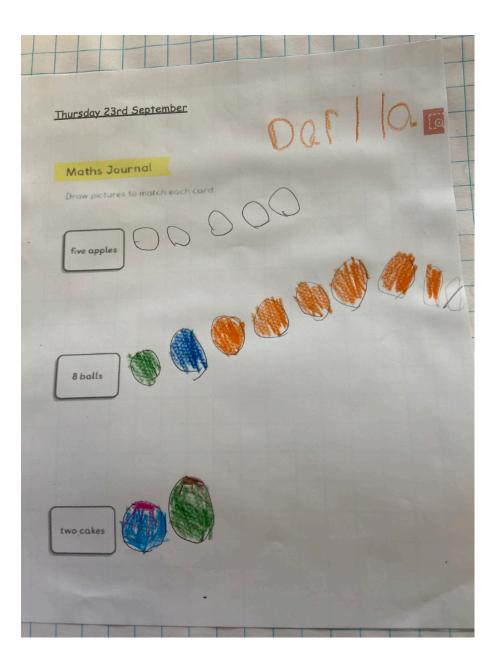


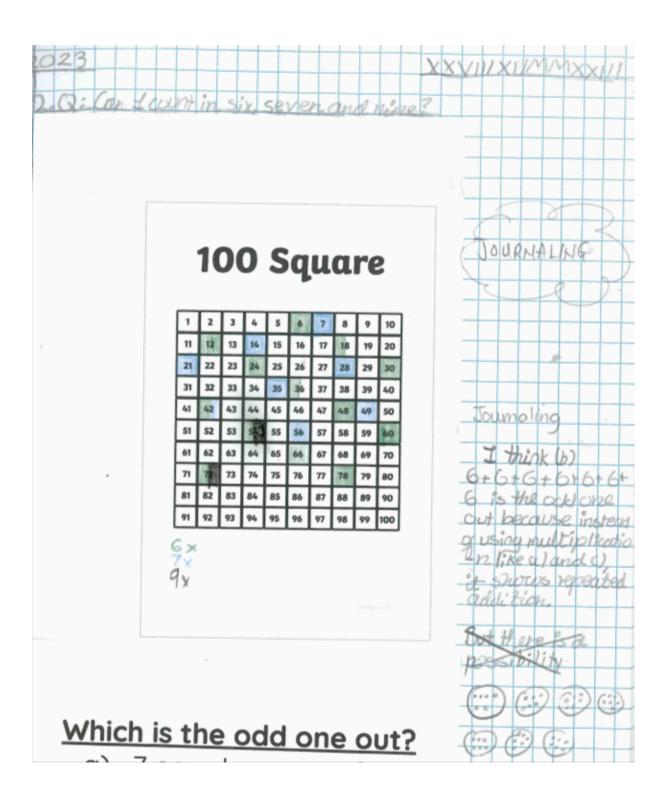
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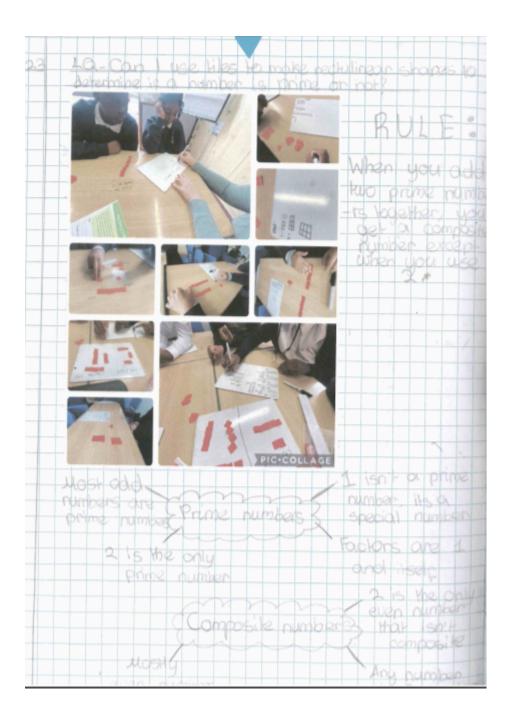












	My Maths Journal
	Explain haw to find the sum of 4528 and 3975 using as many different methods as possible. Which method(s) do
	Now, find the difference of these two numbers. you prefer?
	J.
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6,	503
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Prove it!	
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that is a decimal as well?	-
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Can you prove it?	
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SREE . SOMETIMES DISAGREE	+-
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Journal task Ruby has 3 hats and 2 scarves. How many different ways can	Lareen batt	1.1.1.1
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2 other starges.		