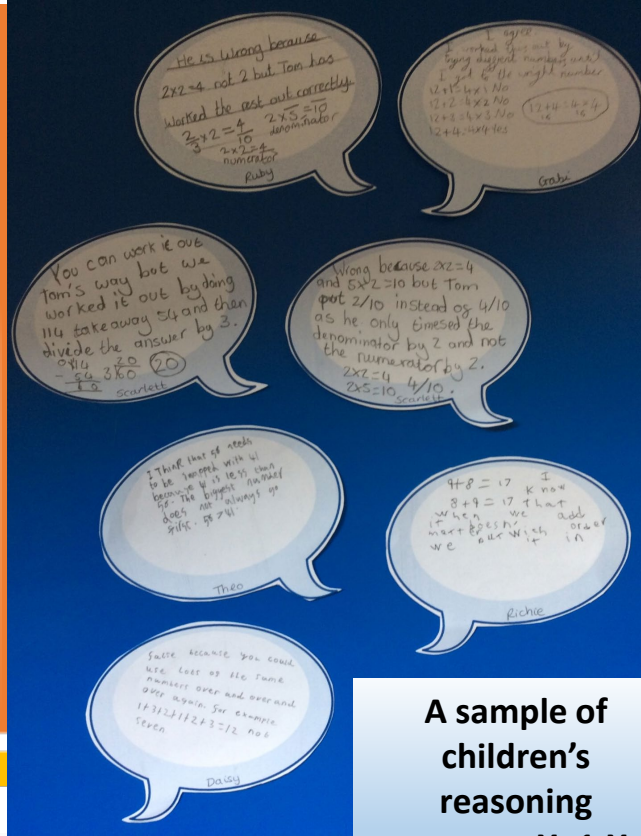




This year the focus across the school in Maths was to develop pupils' reasoning skills. The impact can be seen in our end of year SATS maths data, which highlights that: In KS2 - 80% of the Year 6 pupils reached the expected standard and 10% made GDS. In KS1 – 86% of children met the expected standard and 29% reached GDS.



A sample of children's reasoning responses Yr 1-Yr6

### Book Looks this year show that:

- The children are given many opportunities to reason as reasoning tasks and problems are regularly set in each class.
- The children structure their reasoning sentences well by making use of sentence stems such as 'I agree with...', 'these are incorrect because' and marking, working walls and teaching help to scaffold these responses.

### A sample of children's responses in a Pupil Voice survey found that:

1. The children can talk about how they reason in their maths lessons through 'APE' tasks. They could explain that the acronym stands for Answer, Prove, Explain and when and why they use APE in their lessons.
2. The children understand what a problem is asking of them as they can verbalise what 'explain' and 'justify' mean.
3. They understand the benefits of reasoning, "It helps you be prepared to answer questions next time", "You get better and faster as you go!", "You get more confident."

(Pupil Voice, December 2022)

**Next step: For all children across the school to use (and spell) the correct and specific maths terminology from within their year group.**