

NUMBER STACKS CASE STUDY



Tockwith Primary Academy, North Yorkshire

Tockwith Primary Academy is a single form entry school in North Yorkshire and part of the Ebor Academy Trust. The Number of children eligible for Pupil Premium is slightly below average (15%) and the school have been using Number Stacks as a targeted strategy to improve progress in maths for these pupils and also others who they felt would benefit from the resource. Number Stacks is delivered in a mixture of 1 to 1 and small group sessions which generally take place 3 times per week.

The school uses standardised tests in maths throughout the year (which are used across the academy) to assess pupils on content they have covered. The data below covers the 2020/21 Autum Term (before the second national lockdown) and refers to the percentage of pupils achieving Age Relate Expectations (ARE) in these tests. As well as focusing on those eligible for Pupil Premium, there was also a large proportion of pupils in year 2 and year 4 pupils who accessed Number Stacks so these groups have also been included, along with a breakdown of individual standardised scores for the pupils in year 4.

Autumn 2020/21 Progress Data

Group	% Achieving ARE			
	Baseline	End of Autumn Term	Progress	
Pupil Premium	54%	69%	+15%	
Year 2	58%	72%	+14%	
Year 4	54%	73%	+19%	

Year 4 Pupils Accessing Number Stacks

Pupil	Standardised Scores			
	Baseline	End of A Term	Progress	
Α	78	90	+12	
В	70	85	+15	
С	92	104	+12	
D	70	75	+5	
Е	90	98	+8	
F	96	99	+3	
G	70	82	+12	
Н	93	100	+7	
I	91	109	+18	
AVERAGE	83.3	93.6	+10.3	

Staff & Pupil Comments

'The videos are clear and easy to follow which makes following the programme easy.' (Teaching Assistant)

'I feel a lot more confident now in maths and have really enjoyed Number Stacks. The videos really helped me learn.' (Yr 2 Pupil)

'Number Stacks has had a big impact on the pupils at Tockwith. As well as increasing confidence, children accessing the programme have made accelerated progress during the year.' (Maths Leader)