

Number Stacks Case Study

School Name: Friars Grove Primary School

Pupil Year Group	Number of Weeks on Program	Number of sessions Per week	1 to 1 or Group?	Pre-Intervention Sandwell Score	Post-Intervention Sandwell Score	Number of new Key Skills achieved	Comments
Yr3	6	3	1 to 1	34 (5y9m)	46 (6y8m)	5	SEND working on previous YG curriculum.
Yr3	6	3	1 to 1	33 (5y8m)	58 (7y6m)	3	SEND working on previous YG curriculum. Difficulties with retention
Yr3	6	3	1 to 1	49 (6y10m)	73 (8y9m)	8	Confidence has grown and new skills applied in end of year assessment.
Yr3	6	3	1 to 1	45 (6y7m)	62 (7y10m)	6	Attitude towards maths has improved. Much more of a 'can do' attitude.
Yr3	6	2	Group	55 (7y4m)	73 (8y8m)	5	Poor attendance but impact seen. Trying to apply skills from NPV to money work.
Yr3	6	2	Group	46 (6y8m)	63 (7y11m)	3	Confidence has improved. Greater than expected improvement seen in end of year assessment too.

Pupil / Staff Comments:

Staff feedback was overwhelmingly positive. Training was comprehensive and easy to follow. They really liked the fact that everything was in one pack and that the videos showed what was needed at the beginning of each key skills video – they now won't give their packs up for anything! It is far less time consuming and onerous to prepare for. Easy to just sit down and get going. In some cases, staff found that there was no need to watch the section of the video again the following session because the children were so keen to get started and practise the skill. Children loved helping the adults get the resources out for each session. Some pupils spent half the day asking when it was going to be their turn as there was such a buzz about it. Adults felt it was definitely effective and this was evident after 6 weeks in the classwork and confidence levels of the children. LSAs felt that taking children one at a time worked best. They were more focused and less distracted when they did this. LSAs loved the white stack checker and the fact that the Number Stacks stacked nicely, unlike counters! I like the fact that the assessments are clear and easy to use. LSAs grasped how to run a session very quickly.

To see such results after such a short time is something we haven't seen with any other Maths intervention that I can remember. We are definitely keen on rolling this out to other classes and plan to train all our LSAs to use Number Stacks as an intervention. The price is great too!

Pupil comments were also overwhelmingly positive with pupils saying that they had enjoyed the sessions and that they were fun. One said that they had 'learnt lots' and is hoping to continue in the next year group.