



Welsh Gov. WWN Case Study

Aim of the Project

The aim of the pilot was to upskill leaders to transform numeracy standards and improve parental engagement.

Project Overview

In partnership with Welsh Government, the project ran in five schools in South Wales for 15 weeks. Schools were trained and had full access to Winning With Numbers. Teachers delivered daily Winning With Numbers sessions for the duration of the project. Maths leaders took part in the WWN maths leader programme.

Impact of the Project

Leaders: 100% report teacher and pupil enthusiasm and engagement significantly improved.

On a scale of 1-5 (5 most positive), all leaders scored 5 for effectiveness of pilot benefitting leaders, teaching staff and pupils and scored 4.6 for benefitting parents.

100% developed own leadership skills and confidence and would recommend the programme.

Teachers: 80% subject knowledge improved, 30% significantly.

85% pedagogical knowledge improved, 25% significantly.

90% more confident about the outcomes of pupils, 38% significantly.

80% skill at teaching number fluency improved, 31% significantly.

Pupils: 97% of pupils enjoyed WWN.

92% said WWN helped them learn and 56% significantly.

90% said WWN is good for homework.

Parents: 96% responded positively about using WWN at home and believed it would benefit their child.

100% believed WWN helped them understand the strategies being taught at school.



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Feedback from Leaders

'informative, inspiring, positive, supportive, professional, the WWN Project has more than met our expectations...it has deepened my understanding of how leadership is integral to success and the steps needed to impact a whole school approach.'

Feedback from Teachers

'Pupils are enthusiastic about their Maths session. They are responding well to the small chunking of skills. It is really helping pupils to build their fluency. Pupils are showing improved ability to draw on number facts.'

'The biggest impact to our pupils is the fact that they are enjoying the programme, they look forward to the sessions and response times have certainly improved. It is a fun and interactive way to learn.'

'I've been hugely impressed by programme and how it clearly shows the process and progress of learning. It most definitely plugs the gaps and the Remind Me feature is a great feature for helping with this.'

'I now have a better understanding of the crucial groundings of number fluency a child should have at given age.'

'It has given us a framework to work through and identified areas that the children find difficult/ need more practice in.'

'It has helped see where the gaps in their knowledge are.'

'Showing the steps to cut down the different strategies into smaller steps has been hugely beneficial to my teaching of number.'

'I have a better understanding about mental Maths development and what visual resources support the children best.'

Feedback from Pupils

'It helps you refresh your brain with what you learned before and helps you to remember stuff.'

'It helps us do number questions much quicker and I use it in maths lessons.'

'I like the way you teach in WWN, it's very jazzy and cool and makes me want to listen and do more maths.'

'I used to not be the best at 8 times table but with WWN I can do my 8 times tables now up to really high numbers.'

'Winning with numbers teaching videos has helped me lots. Before I found it hard but now I know this work really well.'

'I get lots of chances to practice questions and it makes homework really good.'