



Alliance  
for Learning

BRIGHT FUTURES EDUCATIONAL TRUST

# NW1 Maths Hub Impact Case Studies

## NW1 Maths Hub Case Studies

Within our teaching school alongside our SCITT, we have a large and effective Maths Hub: North West 1 (NW1). The following gives a broad outline of NW1's activity and participation in our larger schools community. It is our mission to improve system leadership by providing accessible and meaningful school to school support in all our communities to meet their mathematical education needs. With over 500 participating schools in Bury, Manchester, Oldham, Rochdale and Stockport, the impact has been quite dramatic in improving our children and young people's mathematical skills and understanding and also their social mobility. NW1 works closely with the local authorities, school improvement teams, teaching schools and GMLP.

**Early Years Foundation Stage (EYFS):** The Maths Hub has a EYFS lead in each of the five metropolitan boroughs, two are local authority leads in both Stockport and Oldham and between them they have over 70 EYFS providers engaged in teaching for mastery at this critical stage. The impact of this project in year two can be seen in the transition results at Key Stage 1, which are already showing improvement in mathematics.

**Primary:** In each of the five boroughs, NW1 has formed partnerships with primary schools. These schools are all rated by Ofsted as 'Outstanding schools', however, when NW1 started working with many of these schools, they were not. For example, 5 years ago, Kentmere Academy was in special measures. With the support of the Maths Hub we embedded teaching for mastery initially in mathematics and then across the whole curriculum and this had a huge impact on the quality of provision resulting in an "outstanding" grade from Ofsted at the next inspection.

Sarah Isberg Headteacher at Kentmere Academy said:

"Kentmere Academy and Nursery have been working with Simon Mazumder and the NW1 Maths Hub team from Alliance for Learning teaching school after going into special measures in 2013. We have worked alongside Simon, the Maths Hub Lead to source training and resources. We have attended open days and been to visit lead teachers. As a school, we have developed to now being a lead school, holding our own training and supporting other schools in the teaching of Maths, going from being a capacity taker to a capacity giver. In 2018 Kentmere was judged '**Outstanding**' in all areas and Maths was deemed a real strength: *"The teaching of mathematics is a notable strength. Pupils respond enthusiastically to the regular challenge they receive through carefully chosen activities and the good quality resources that assist them in solving problems. We value the NW1 Maths hub work in our school - thank you to the team"*.

Similar stories exist for our other partnership schools who are now rated Outstanding too; At Alexandra Park Primary in Stockport, Phil Brooke the Headteacher said:

*"At Alexandra Park Primary School, we have worked closely with the Alliance for Learning teaching school and SCITT and with North West One Maths Hub for a number of years. The training and opportunities provided by the hub have helped our school to improve our teaching of mathematics through high-quality CPD. The impact of this CPD can be seen across the school, our teachers have strong subject knowledge and we have a school culture of teachers as learners. Children love maths at our school and our end of Key Stage results are consistently in the top 10% of schools nationally. "*

A similar story is evident at St Mary's C of E Primary in Moss side, Manchester. We have worked closely to ensure that these schools are on a continuous journey of improvement. Nick Gibb visited St Mary's and tweeted how impressed he was with the maths lessons and the children's mathematical knowledge. In Oldham, we have worked with a number of RI primary schools that have now achieved OFSTED good ratings. Currently the Maths Hub team are working with over 100 primary schools, including our own BFET primary schools, on the 'Teaching for Mastery' primary project which is currently in its sixth year.

**Secondary:** NW1 has worked closely with several secondary schools who were RI and became Good through the Maths Hub school to school improvement strategies. Sale High in Trafford moved from RI to Good and also Philip High School in Bury. In both OFSTED reports, there are references to the excellent work the Maths Hub has given to the schools and in particular our Maths Hub Lead/SLE. This also motivated a number of secondary schools in all the boroughs to work with us closely attaining outstanding OFSTED ratings through their participation in the Secondary Teaching for Mastery project, now currently in its fifth year with over 50 schools. NW1 has a large secondary project sponsored by the DFE for three years called the "Local Leaders in Maths Education" which is running in Oldham. This is having impact on all the Oldham secondary schools, as well as establishing strong Maths Hub ties and producing highly effective local SLEs. In Rochdale and Bury, we are establishing secondary school centres of excellence at both Falinge Park High School and The Derby High School, respectively. These now run popular maths network meetings and National Collaborative Projects for the MH in their local communities.

**Level 3:** NW1 has been recognised as a leading Maths Hub in its level 3 provision, providing Level 3 CPD across the North West and supporting other MHs in their programmes. With Alliance for Learning's strong historical links to MEI (Mathematics Education and Industry) and the AMSP (Advance Maths Support Programme), it was only natural that NW1 would be able to provide a strong support in this area. We have a large collegiate group of FE, sixth form colleges and the impact has been noticeable in the improvement of maths results throughout. A particular example is Connell college, where intensive support has made a dramatic impact on results. This has been similar with other colleges especially around the post 16 resit, for example Oldham Sixth Form, Lorreto and Xaverian Sixth Form colleges, with outstanding success at both GCSE resits and A level mathematics has improved year on year.

#### HEADLINES

85% of NW1 secondary schools made an improvement in their progress & maths results.  
90% of NW1 primary schools made expected or better progress in maths.  
PISA ranking is now 18 internationally due to the Maths Hub school improvement programmes.