

## **Same Day Intervention: A programme for Year 5 children**

This information sheet outlines the opportunity for schools to take part in Same Day Intervention. Same Day Intervention (SDI) has been developed by a work group at the Yorkshire and Humber Maths Hub and the network is now looking for schools to be involved in a trial funded by the Education Endowment Foundation (EEF), which will start in Summer 2018.

### **What is Same Day Intervention?**

Same Day Intervention is designed to provide targeted support, so that all pupils can attain a good level of mathematics understanding and thereby prevent an achievement gap from emerging. The intervention introduces a new structure and approach to Maths teaching for Year 5 pupils. The teacher demonstrates a topic, before children complete five or six questions related to that topic. This part of the lesson lasts for approximately 30 minutes. There is then a 15 minute 'progress pit-stop', during which teachers mark pupils' work using a rapid marking code and pupils either attend a short assembly or are taught by Teaching Assistants. This pit-stop is a key part of the intervention. After the pit-stop, students are grouped according to their activity performance. Those who grasped the concept receive further instruction from Teaching Assistants in reasoning and problem solving. Those who have not yet understood the topic are provided with more intense support from the teacher to address common misconceptions and embed learning, ensuring all students can grasp concepts by the end of the lesson. SDI lessons lasts for one hour excluding the 'pit stop'.

### **What does the trial involve?**

The trial will involve Year 5 teachers and pupils in participating schools. Teachers will receive training and deliver the programme to their pupils during their usual mathematics lessons. The timetable would be adapted slightly to accommodate the 'pit stop' session. Same Day Intervention schools will receive training and all the materials associated with the programme free of charge.

Schools who sign up for the project will be randomly assigned to either an intervention group or a control group as part of a Randomised Control Trial (RCT). The intervention group will receive Same Day Intervention, while the control group will continue with traditional maths classes, but will be offered a £1,000 incentive for participating in the trial. Schools in the control group can also use Same Day Intervention with Year 5 pupils in the academic year 2019-20 if they wish to. Comparing the intervention and control groups allows the study to provide robust evidence on the impact of the programme on pupils' mathematical ability. By participating, your school will be making a valuable contribution to building evidence for what works in education.

The programme implementation team from Yorkshire and Humber Maths Hub will provide Year 5 maths teachers in Same Day Intervention schools with training and ongoing support. A team from the National Centre for Social Research (NatCen) will undertake the independent evaluation of the programme.

## What will the School have to do?

Year 5 teachers in intervention schools will be invited to observe 'open classroom' demonstrations of Same Day Intervention and will attend training sessions designed to introduce them to the programme and help them to deliver it in their own classrooms. They will also have access to resources and support over the course of the programme.

In order to participate, schools will be asked to sign a memorandum of understanding (MOU) and provide details about the pupils, classes and teachers involved via an upload form provided by the research team. All data will be handled in a secure and safe way, and anonymised once assessment scores are collected. Opt-out consent will be obtained from parents prior to the trial commencing; schools will be asked to distribute a standardised consent letter to parents, which we will provide.

Teachers will be asked to complete a survey about current maths teaching and their experiences and perceptions of maths teaching at two time points - before the programme starts in summer 2018 and then at the end of the 2018-2019 school year. At the end of the 2018-2019 school year, students in Year 5 will also be asked to undertake a maths test. This test will be administered by a research team from NatCen Social Research. The tests are standardised paper and pencil tests, designed independently of the researchers, and have been validated as sound educational assessments. In addition to the above, some schools may also receive a visit which will involve the evaluation team conducting interviews with teachers and teaching assistants delivering the Same Day Intervention, as well as a short discussion group with some Year 5 pupils receiving the Same Day Intervention. Some Year 5 teachers in the control group schools will be invited to participate in a telephone interview.

Schools will need to have access to the internet so that the teacher survey and school and student details can be submitted. They will also need to be able to accommodate the change to the school timetable that the 15 minute pit-stop during maths classes requires. During Same Day Intervention classes, the teacher will require the support of a teaching assistant.

## Timeline for the project

<b>Spring term 2018</b>	Schools recruited through expression of interest.
<b>Summer 2018</b>	<ul style="list-style-type: none"><li>• Schools participating in the trial confirmed by Yorkshire and Humber Maths Hub</li><li>• Schools distribute parental opt out letters</li><li>• Data collection (independent) to support setup of trial, including collection of pupil names, UPNs and date of birth</li><li>• Teachers delivering SDI complete the teacher survey</li><li>• Teachers delivering SDI attend two full day training sessions (26<sup>th</sup> June and 10<sup>th</sup> July) in Doncaster</li><li>• Headteacher and teachers delivering SDI attend first open classroom session in July</li><li>• SDI teachers attend second open classroom session (date</li></ul>

	TBC) <ul style="list-style-type: none"> <li>• Intervention and control groups selected at random</li> </ul>
<b>Autumn 2018</b>	Same Day intervention begins
<b>Autumn 2018/Spring 2019</b>	Further training, access to materials and support provided to intervention schools
<b>Summer 2019</b>	Maths tests for all year 5 children. Follow-up teacher survey. Control schools receive £1,000 incentive
<b>Spring 2020</b>	Independent evaluation report published

### **Who to contact about the trial?**

If you are interested in participating in the trial please contact the Outwood Institute of Education team on [ojie@outwood.com](mailto:ojie@outwood.com).