

"Data ... provides evidence that the IMP increased the quality of Maths teaching and learning in schools."



Learners' attitude towards the subject & confidence in their Maths abilities ... increased during this period.

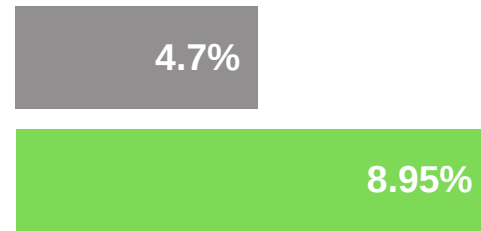


As they continued to participate in MCO, in the third year, their judgement of learning & actual performance indicates a far greater degree of calibration.



The data analysis ... indicates that learners developed greater agency the longer they participated in MCO and were exposed through repeat use, to the immediate feedback from the system.

Increase in Grade 6 Maths Pass % 2015-2018



Province GS Project Schools (24)

Results from externally marked Provincial assessments



Since they started using MCO, parents have noticed an improvement in learners' attendance & attainment in their Maths

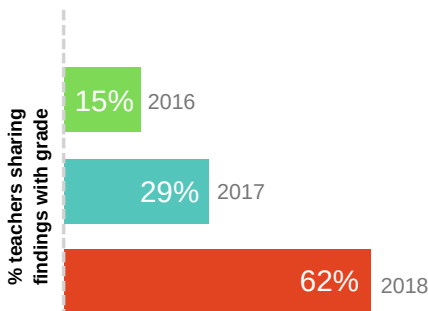


Goal setting ... also improved the longer learners used MCO.

LEARNERS

*Maths Curriculum Online (MCO)

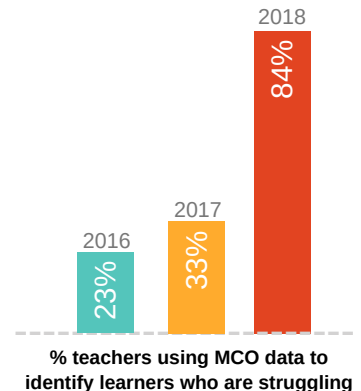
MCO data has had an undeniably positive impact on teachers' practice



Teachers' communicate more regularly between grades, more regularly share their MCO results with their colleagues in ... meetings



The data indicates that teachers developed greater confidence in their conceptual understanding & pedagogical knowledge, increasing their pedagogical content knowledge and interest in Maths through their participation in the project.



Teachers learnt how to interpret the (learner) data... using MCO to identify gaps in learning in whole classes or individuals, to identify where learners are struggling, and ... to develop strategies to address these areas

TEACHERS



District officials use MCO data to gain a district-wide holistic overview of the whole district's usage & achievement in Maths on daily and weekly basis. It also allows a positive feed-back loop since gaps in learners' attainment can be identified across the district, & interventions designed to address this

In this way, the local socially embedded change that resulted from the increased MCO data usage not only impacted individual teachers but transformed whole schools to form or enhance cultures of teaching & learning.



"The socially embedded approach to change followed by Green Shoots, is also evident in the increased use of data to inform district officials, school leaders and teachers' choices regarding teaching and learning."

SCHOOLS/DISTRICTS