

**TEACHERS ON THE “MATH AND SCIENCE TRAILS”  
(MAST)  
TO BECOME REFLECTIVE PRACTITIONERS**

Majken Korsager, Norwegian Centre for Science Education, University of Oslo  
Berit Reitan, Norwegian Centre for Science Education, University of Oslo  
Maria Gaare Dahl, Norwegian Centre for Science Education, University of Oslo

## **Abstract**

*In an effort to increase Norwegian students learning and motivation in math and science through teachers' professional development, the Math and Science Trails (MaST) was initiated. MaST are online resources (organized in modules) facilitating teachers in learning communities in schools and kindergartens. In this study we follow primary school teachers during and after conducting a module to explore in what ways it support their professional development to become reflective practitioners. Preliminary results show that the teachers experience the content of the module motivating, useful, and challenging. The results also show that there are signs of progression in teachers talk (from descriptive to analytic) through the module.*