

## Science at School: Improving Lessons for More Than 23,000 Pupils

A participating chemistry teacher emphasised, 'During the workshop, I learned to use materials and aids for teaching chemistry. Before, I only knew how to use them in theory but not in practise. I will use the new methods with my students at school.'

The participating science and maths teachers (grades four till twelve) shall act as multipliers and share their new knowledge and expertise with colleagues at their respective schools. In total, about 700 additional teachers will benefit. Consequently, more than 23,000 students will receive improved education in science and mathematics.

Many schools in Kabul and Afghanistan are poorly equipped for science and mathematics classes. To enable the participants to put their new knowledge into practice, the Afghan-German Cooperation's Basic and Secondary Education Programme (BEPA) provided laboratory materials and equipment to their respective schools. The equipment also includes cupboards, tables and stools and shall greatly increase science classes' quality.

*The Basic and Secondary Education Programme (BEPA) is implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry of Economic Cooperation and Development (BMZ). BEPA aims at improving basic education quality in Afghanistan by assisting the Afghan Ministry of Education (MoE) with teacher training and curriculum development. Since 2008, BEPA provided training for more than 23,000 teachers and lecturers. Further, 22 teacher training centres have introduced mandatory internships for ongoing teachers. As a result, about 15,800 university students and 88,300 school students in Northern Afghanistan are currently benefiting from improved education. They now have access to specialised, age-appropriate and student-centred schooling.*

Teaser text:

Yesterday, a three-week training for more than 100 science and mathematics teachers, 69 of them women, from six schools in Kabul ended. Attendees learned how to apply modern teaching methods in the subject's chemistry, biology, physics and mathematics. Part of their training was to incorporate new laboratory equipment during lessons. The Afghan-German Cooperation supported the training and financed the equipment at a total cost of about AFN 1.1 million. More than 23,000 pupils will benefit from improved lessons.

Priority area:

Gestaltungsspielraum

Province:

Kabul

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