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Teaching the fundamentals of measurement and the SI: a triptych of posters

On 16 November 2018 the member states of the Convention of the Metre agreed at the 26th General Conference on Weights and Measures to a revision to the international measurement system that underpins all global science and trade. On World Metrology Day, 20 May 2019, the SI unit system underwent the most significant change since its conception. The revised system means that measurements are not linked to physical artefacts or atomic material properties, but to the unchanging fundamental properties of nature itself.

We have designed three posters which present the foundations of measurement, metrology, the constants of nature and the Revised SI to high school and university students. The posters are free to download for use by educators and students. We are planning to produce teaching and learning materials to introduce the fundamentals of measurement at high school level. Ideas and discussion welcome.

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