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Using research to improve Science teaching: the Education Endowment Foundation Guidance Report

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Science education is one of the keys to social mobility. Science qualifications open the doors to many rewarding and interesting careers, and scientific literacy is critically important to being an informed citizen. Science is the most powerful method humans have for understanding the world, and science teachers lay the foundations of that understanding. When asked why they chose to continue their study of science, most pupils mention an inspiring teacher.
If anyone understands the importance of evidence, it is science teachers. There is no shortage of research evidence about good science teaching, but few teachers have time to read it and sometimes it is difficult to unpick the implications for classroom practice.
The Education Endowment Foundation recently published a report, which gives accessible guidance for science teachers, based on robust evidence taken from a series of evidence reviews. The reviews were guided by a panel of expert practitioners, who then helped to distil the most important messages into seven practical, accessible and immediately applicable recommendations.
These recommendations will be outlined, alongside suggestions for applying them within the Science classroom.