



Technology Can Help Revitalize Maths Lessons, Say Experts Experts say that engaging pupils with technology-based practical work can boost maths engagement levels. This approach was first recommended in the 1982 Cockcroft Report, which highlighted the importance of 'appropriate practical work' in maths classrooms. The report's third element emphasized the need for learners to transition from handling objects to using pictures or diagrams before progressing to abstract reasoning. However, many modern secondary classrooms lack practical artitizes. A recent example illustrates this point. A teacher observed Y8 pupils enjoying a hands-on activity measuring cereal packets and computing their areas. Despite bedyend cognitive development. It motivates pupils, promotes collaborative working, and helps develop manipulative skills. The use of technology can then be integrated to enhance these experiences. The experts starts strast start practical avit, and helps develop manipulative skills. The use of technology can then be integrated to enhance these experiences. The experts starts at practical work and for mathematical thinking. Even simple activities, like using a knotted string, can facilitate learning. Why not replace traditional tools like pencils, rulers, and protractors with digital alternatives on our whiteboards? Students can alve deeper into advances packaes like grapt naves for software and interactive geometry tools to explore cricle theorems at a higher level. The idea of giving every student access to a calculator was first suggested in the Coskroft Report, and it wasn't long before this goal was exceeded, making calculators a ubiquitous tool in math classes. Calculators aren't just useful for performing calculations, but also offer students greater flexibility with programmable models. However, are rely available and can be used to study statistics, data analysis, and probability. For instance, you can use Excel to generate sample means by entering random variables and copying them across columns. Students

Practical activities in maths. Examples of practical activities. Practical activities in teaching mathematics. Practical math.