

The logo for Engage Teacher Conference, featuring the word "Engage" in white bold sans-serif font inside a dark teal rounded rectangle.

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**Teacher Conference**

# **Science on a budget: teacher- tested strategies**

Educators from a variety of school settings are sharing their strategies and experience offering high quality STEM teaching on tight school budgets.

# Engage Teacher Conference

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## Welcome, please be aware:

- Talks are recorded.
- This is an interactive session, please ask questions and share your thoughts throughout. This can be spoken or via a message in the chat.



# Top tips from teachers

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Laminate and re-use sheets rather than re-printing for each student, you can also use laminated sheets in the place of other equipment in some experiments.

Digital demonstrations of activities can be useful if you don't have the equipment, or having the teacher demonstrate if there is not enough equipment for all pupils.

Get equipment that is harder to break by accident such as plastic beakers.

Provide instructions for storing equipment e.g. taking batteries out and report any damaged equipment straight away.

Buy in bulk where possible, e.g. for all schools within a MAT.

Work with other teachers and departments, could the technology department make something for you, does the kitchen have waste that you could use, can you borrow some maths equipment?

Make the most of recycled materials such as asking students to bring in plastic bottles or collecting old CDs, or collecting cardboard from the school office.

Shop around for materials, you may be able to find them cheaper from local shops or other websites than those set up to provide to schools.

Social network to build connections with businesses and organisations to open doors.

# Helpful links

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- [Royal Society of Chemistry resource library](#)
- [PHET interactive simulations](#), free interactive math and science simulations.
- [Water Rokit](#), re-usable rocket attachment for any carbonated drinks bottle.
- [Ogden Trust School Partnerships scheme](#), funding and support to groups of schools in England that are committed to enhancing physics teaching and learning.
- [Borrow the Moon](#), meteorite samples and NASA Moon rock discs that can be lent to schools.
- [Hanson Box](#), boxes of educational resources donated to schools.
- [CREST resource library](#)
- [Raspberry Pi microbit projects](#)

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## Thank you

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