Exploring climate science

atmosphere

SCIENCE MUSEUM LEARNING

Running the climate science collapsed timetable day (CTD)

The climate science resources have been designed specifically to run as a CTD and the following practicalities will help you to come up with a timetable that works best for your school...

Morning activities

Activity	Duration	No. of students	No. of staff required	Venue
Building Greenhouse Gases	35 minutes	30	1	Classroom
Climate Report	35 minutes	30	1	Classroom
Carbon Cycle Caper	70 minutes	60	2 (additional helpers optional)	Hall

So, by dividing your year group(s) into multiples of 120 students (four forms), you can circulate around the three morning activities in any order.

Afternoon activities

Activity	Duration	No. of students	No. of staff required	Venue
Have I Got Climate Science for You	Approx. 70 minutes	120	4	Hall

What are they learning?

The morning activities give students a strong foundation or revision of the key areas of climate science – the carbon cycle, greenhouse gases and the effect of climate on our lives. The afternoon quiz session is an opportunity to consolidate this learning, introduce new fun information and can give you a chance to assess your students' understanding. As the quiz is a filmed resource no specialist subject knowledge is required by the quizmaster, who will only be scoring the rounds.

Adapting the day

All of the activities have suggested extension ideas so you can add to the sessions on the day or include your own sessions if you have time in your programme. The activities also all work well as stand-alone sessions with a single class.