

## Sidmouth College show students the edge of Space

Sidmouth College students launched 2 weather balloons into space during the Sidmouth Science Festival, and last week went to Sidmouth Primary School on 31<sup>st</sup> January to talk about the mission and what they discovered.



2 balloons were launched from the Norman Lockyer Observatory during last year's Sidmouth Science Festival carrying experiments designed by Sidmouth College and Sidmouth Primary School students. The College students have been analysing the results and last week presented these back to the Primary School with the help of the Science Education company 2 Times Do.

One of the white weather balloons carried a partially inflated red party balloon and syringe of water that the Primary School students had designed. There were other instruments and cameras in the payload that Sidmouth College students had designed.



After the launch, the balloons reached a height of over 23km before bursting. At that height with the lower pressure, the party balloon fully inflated and the

water froze as can be seen on the picture. The clouds way below can be clearly seen in the photo. The Sidmouth College students experiments tracked the decrease in temperature and pressure as the balloons rose using a small computer. They were able to show these results to the Year 5/6 Primary School students

At 23km the white weather balloons burst and came back to earth on a parachute landing near Frome in Somerset.

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Alternative photos of students

