

Last week Ivy Class set up their stand at the inaugural Mid Sussex Science Fair and waited excitedly for the judging to begin. They had worked hard over the past few weeks working in class with support from Nigel at Flowserve and had developed, fantastically, their knowledge about valves. They were keen to explain and show off their drinks dispenser too.



We waited for the judges to arrive knowing that it was important to show off our knowledge if we were to be placed in the competition.

The class, divided into three teams, were designated time slots to man the stand.

There were 9 other schools, all supported



by different companies setting up too. The managing director of Flowserve was there to see our exhibit, so Mrs Dawson.

Finally judging began and lots of interest was shown in our work.



**At one point children from other schools
queued up for drinks!**



**We also had other tasks to complete- a
castle had to be built:**





In the afternoon the results were given.



Judges, under the guidance of the STEM Team had awarded Twineham 1st Place. There was praise for our presentation and commitment (Mrs. Bradbury was delighted).The Chairman of West Sussex Authority presented us with the cup.



And we all had lots of goody bags too.

SO, the team would like to announce to Holly and Daisy Class we have won for the school, a

BIG BANG SHOW !

**Expect it to be noisy,
expect it to be fun,
expect it on Friday afternoon.**

IT's SCIENCE!

At the beginning of the project I barely knew anything about valves but by the end I was almost an expert.

Holly Brook Nash

I really enjoyed learning about valves and I didn't realise how interesting they are. At the beginning I knew nothing but now I know a lot about them.

Siobhan Sweeney

I enjoyed talking to the judges because every question they asked I knew it and I think it was the same for everyone so that's how we won.

Bear Nugent-Harvey

I think that our drinks dispenser was really popular as it looked really interesting and dynamic. I enjoyed making the drinks although I never got one myself!!

Jasmine Byne

At the start of the project about valves we didn't know anything or at least know how they work and now after doing a lot of research and valve construction, we know nearly everything on how they work and how they're manufactured. The competition day was really fun and a lot of us liked the fact that we could show off all our knowledge.

Eva Closier

I personally enjoyed the experience of researching and constructing a valve. I was especially enthusiastic when the judges came to judge our project as was everyone else for they were asking them if they would like a refreshing drink from our drink dispenser whilst being shown the process involved.

Maud Brook-Nash

I really enjoyed learning about valves and researching the information. Valves are surprisingly interesting and what they do.

Nell Jones

At first I found it quite hard to make a valve, it required neat cuts and smooth edges (all things I couldn't do) so I started doing more planning rather than the building. The planning was interesting and fun.

Finn Jordan.

When valves got introduced I never knew what they were. As and when we got to Flowserve factory I saw what valves actually looked like. I really enjoyed Claire Hall and working with the class and Nigel, he was really helpful to us and I was really pleased he helped us with our project. I think if we didn't have Nigel we wouldn't have won the competition.

Ella Spearing.

I really enjoyed doing the project and making all the different valves. At Clair Hall when they were announcing the winners when there was only first place left, Jasmine and I were saying to each other that we wouldn't come first, but when the judge said Flowserve, Twineham, Jasmine, Rainy, Bear and I went up to the stage and got the trophy. We were all really impressed that we came first!

Charlotte Smith