

Yr 5/6 Primary Space Challenge



Our Science Consortium has designed and run events to support Primary Schools. Our Space Challenge Day involved teams of eight, Yr 5 and Yr 6 children, from six different Primary schools across Hampshire working together at INTECH in Winchester.

During the day, the children were involved in their own research, discussion and debate of different aspects of Science related to our Solar System. One of the highlights of the day was an opportunity to experience a breathtaking journey through the universe at INTECH's newly opened Planetarium facility.



The afternoon's invited audience was very impressed to see the high standard of presentations and displays produced by the teams of children.



For details of events and opening times of the amazing planetarium at INTECH visit www.intech-uk.com

"I loved the Planetarium show and really enjoyed performing during the presentation. My brain is buzzing now!"
Year 6 pupil from Uplands Primary School.

'The Super Cool' Science Show



Last year, a show entitled 'Super Cool' was seen by all Yr 10 pupils, when we hosted a team from the Science Museum in London.

Pupils witnessed the incredible effects of one of the coldest substances - liquid nitrogen.



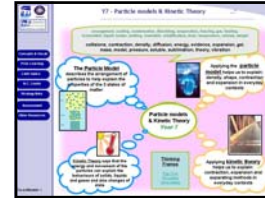
During the evening all pupils and their families were invited to see a repeat performance of the morning's well received show. The evening performance was a sell out. "Excellent! We smiled all the way through. What a fun way to learn" Mrs Shuttleworth

Supporting KS3 Science across the region



Last Summer Term, we ran conferences supporting Science teachers from 30 different Secondary schools across Hampshire and West Sussex to develop new, more engaging Science schemes of work for their KS3 pupils.

Our new 'Learning Pathways' package has been designed to make use of all the best ideas and resources developed through our partnerships with the various schools within our Cams Hill Science Consortium. Although this is a new approach, the Learning Pathways build upon existing ideas and resources that have been trialled and are being used in Primary and Secondary schools across the South East region.



We are delighted that we were recently awarded a contract from Badger Publishing. We are busy writing the manuscript and updating the resources ready for publication early in 2009.



Our latest work

Following the success of our recently published teacher training resource on the AstraZeneca Science Teaching Trust's website, we were delighted to be awarded further sponsorship by them to develop a new site to support 'Family Science'. See our next Update leaflet for further details of this project.



Contact Details

Should you be interested in further details of our Specialist Community work, or would to find out more about our Cams Hill Science Consortium projects currently underway, please contact us:

Cams Hill School
Shearwater Avenue
Fareham
Hampshire
PO16 8AH
Tel 01329 231641

E-mail: mnewberry@camshill.com



Cams Hill School

Specialist School Update 6



INVESTORS IN PEOPLE



Healthy School



Leading Edge
Partnership Programme



SPORT
ENGLAND
ACTIVE SCHOOLS

At Cams Hill School we value all children as individuals with unique talents, skills and abilities. We are committed to supporting all children to do their best through academic, artistic and sporting achievements.

Between 2005-09 our Specialist Status will enable us to develop facilities and resources to enhance teaching and learning across our whole curriculum and that of our partner schools. We are working towards becoming a centre of excellence in Science and Mathematics education. We are disseminating our best practice at a regional and national level.



Yr 10 Science Ambassadors



Cydonie Banting, Michael Falconer, Jenna Harrop, Bethany Holding, Matthew Linney, Natasha Morris, James Tier and Jonathan Wan, met regularly throughout the past year with Mr Turner and Mrs Braisher to design Science Workshops for our partner primary schools.

At Harrison Primary School's Science Club a water rocket caused great excitement as it soared into the air. It was the finale to an interactive session run by the Ambassadors based upon the theme of forces.

"I have learnt to present information to children younger than myself and how to adapt my wording to ensure that they understand" Bethany Holding



The Ambassadors were also welcome visitors at Northern Junior School during their Science Week. With a theme of safety, their workshop included practical activities and demonstrations challenging the children in Yr 4 to think about the dangers that electricity can present.

"It was really nice to visit my old Primary School and work with Yr 4. Everybody had a good time" Cydonie Banting

Harrison Primary School-Gary the clown



We supported Science Week at Harrison Primary School by organising a Science Show performed by Gary the Musical Clown. During the day Year 2 enjoyed learning about forces while finding out how to spin plates and in the evening Gary gave an entertaining family Science show to an enthusiastic audience at the school.

Eve and Louise's work wins a trip to USA!



Over the past year, our Cams Hill Science Consortium has been working with both INTECH and Global Immersion (the company which has designed and equipped the Planetarium) to design and run the 'Space Confidential' competition.

All our Yr 10 pupils were offered the opportunity to become involved in this amazing competition and learn how to use a fantastic new software package to design and develop their own creative planetarium show.



On Wednesday 14 May, five pairs of finalists were invited to INTECH's new Planetarium to present their shows in front of an invited audience. All of the presentations were of excellent standard. After much deliberation on the part of the judges, Louise Payne and Eve Reed were announced the winners.

On Saturday 28 June, Louise and Eve, accompanied by their Mothers, began their week long all expenses paid trip to Chicago, Illinois to present their winning planetarium show in the Adler Planetarium to an audience of over 600, as part of the International Planetarium Society Conference.



"I am so proud of what we have accomplished. I think everyone should have a chance to do something like this as it's been a real learning curve" Louise Payne

Cams Hill is now the only school in the UK with a license to use this innovative 'Uniview' software. Pupils will have access to the software in an ICT suite where it will be used to enrich the curriculum and at after school clubs.

Yr 9 Family Science Workshop

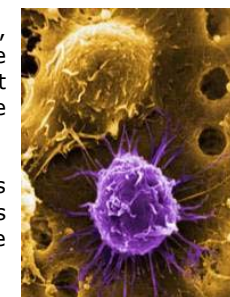
This year's well attended Yr 9 Family Science Workshop, was an opportunity for pupils, parents and teachers to work together to aid progression and engagement in Science.



All those who attended were able to take home a CD, enabling them to replay the games, visit a host of recommended useful websites and discuss and develop thinking skills in Science using simple 'kitchen sink' Science activities that can be carried out at home.

Yr 8 Stem Cell Challenge

Our Cams Hill Science Consortium, working in partnership with the AstraZeneca Science Teaching Trust and INTECH, has been organising Able Pupil Challenges for Secondary schools.



Teams of eight, Yr 8 pupils from Cams Hill and five other schools across Hampshire travelled to INTECH to take part in the challenge days.

During the day, each team was challenged to research different aspects of stem cell technology and its potential impact on human health. Pupils had the opportunity to meet and learn from scientists from Southampton University. They were challenged to present their findings in the form of a presentation, display and web page to an invited audience at the end of the day. Both days were a great success.

"This makes Science fun and topical. It encourages thinking outside the box - Thank you" Parent