

Latest Projects - March 07

Our Science Consortium continues to actively involve over 30 teachers from different schools across three counties. Generous sponsorship from both the AstraZeneca STT and Gatsby TEP have enabled us to fund and coordinate a programme of classroom based research projects targeted towards improving teaching and learning in Science across all ages groups from Key Stage 1 through to Key Stage 5.



New Blog website

We have recently developed a new blog website (<http://blog.thinkingframe.com>) which links the science clubs at different primary and secondary schools across the area. The site is proving to be very popular and we are planning to expand and develop this work to include more pupils and a wider range of schools.

Thinkingframe.com Blog

Main Page » Secondary School Science » Science in the News » Human Health » Malaria

Saturday, March 24

Malaria
by Mr Newberry on Sat 24 Mar 2007 09:13 GMT

Genetically Modified Mosquito Could Save Millions Of Lives



A transgenic mosquito carrying a gene that gives it resistance to the malaria parasite. These mosquitoes had another gene inserted into them to make their eyes fluoresce, to distinguish them from wild ones.

Worldwide 300 million people a year suffer from the illness malaria and it causes a million deaths every year. The disease is spread by a single-celled parasite called Plasmodium which is passed to humans through the bite

Done Internet

Conferences

We regularly run teacher training at the Science Learning Centre at University of Southampton. These are based upon cascading and sharing our highly successful “Levels Mountain” and “Thinking Frames” approaches. Feedback from primary and secondary teachers attending these courses has included “A great 2 day course of great value. Excellent practical ideas to use and much to think about and implement”, “Truly excellent”, “It is highly motivating as a teacher to learn about these strategies and to see how effective they are. Using them and reflecting upon their impact has been very helpful”.

We have been approached by the Science Learning Centres in Bristol, London and York and hope to be able to offer these courses there in the near future.



Science
LEARNING CENTRES

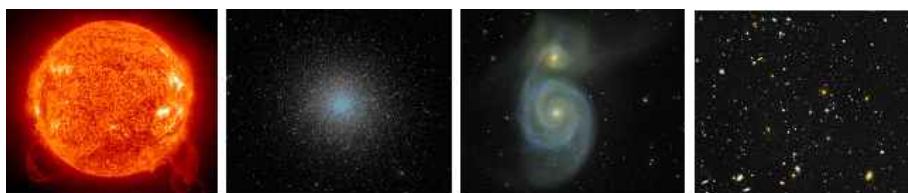
Supporting pupil progression through the KS1 – K3 Science Curriculum

Currently teachers from the different schools across our Science Consortium are all trialling and evaluating a new series of teaching and learning tools that we have developed which we have called “Topic Placemats”. Our collaborative work with primary teachers, Science Inspectors and Prof. John Gilbert from the University of Reading has enabled us to develop and refine these resources which aim to improve pupil understanding and progression in Science from KS1 through to KS3. The “Topic Placemats” and “Organic Displays” map the curriculum and serve to assist teacher’s planning and help children make improved progress in science by assisting them to acquire and apply scientific vocabulary and ideas.



The topic Placemat for the Year 2 ‘Health & Growth’ topic

The placemats that we developed for the concepts of forces enabled us to work with INTECH in Winchester to help design their new interactive space wall exhibit.



Latest Publications



In 2006 we published an article on our Thinking Frames Approach via the National Teacher Research Panel Conference in Birmingham. To download a copy of this article click here ([Hyperlink to the .pdf file please](#)).

The findings from some of our projects within the Consortium have enabled us to contribute three chapters towards a new academic book "Science Education for Gifted Learners" which has been compiled by Dr Keith Taber from the University of Cambridge.



Working in partnership with the AstraZeneca Science Teaching Trust, our Consortium has just embarked upon a new project to create a new online teacher training resource to support teachers improving science lessons KS2 into KS3. this resource will be published via the AstraZeneca STT website by the end of 2007.