



Bryntirion Comprehensive School

Ysgol Gyfun Bryntirion

SCIENCE TASTER DAY NEWSLETTER 2017



www.bryntirioncs.bridgend.sch.uk

"Pupils have exceptionally positive attitudes to their learning". Estyn

SCIENCE TASTER DAY

Bryntirion Comprehensive School welcomed pupils from various primary schools in the borough. They followed a timetable which allowed them to attend seven science sessions throughout the day.





Staff involved from the school and outside agencies had a wonderful time meeting the Year 6 pupils and commented on their excellent behaviour and enthusiasm. We hope the day has given Year 6 a taste of life at Bryntirion and the brilliant school community here.

PUZZLE CHALLENGE



We were very pleased that 'The Puzzle Company' were able to visit us again this year. Pupils had fun working in teams to solve problems with some really great resources.

One puzzle required teams to work together to balance as many penguins as possible onto a very unstable iceberg.



Teamwork was important here and all the pupils were totally involved with all the challenges. By the end of the session all groups were working well together and realising each others strengths within the team.

ELEPHANT'S WEE!

Using Bryntirion's newest laboratories, pupils were set the task by staff from 'See Science' to test different urine samples to find out which sample contained sugar.

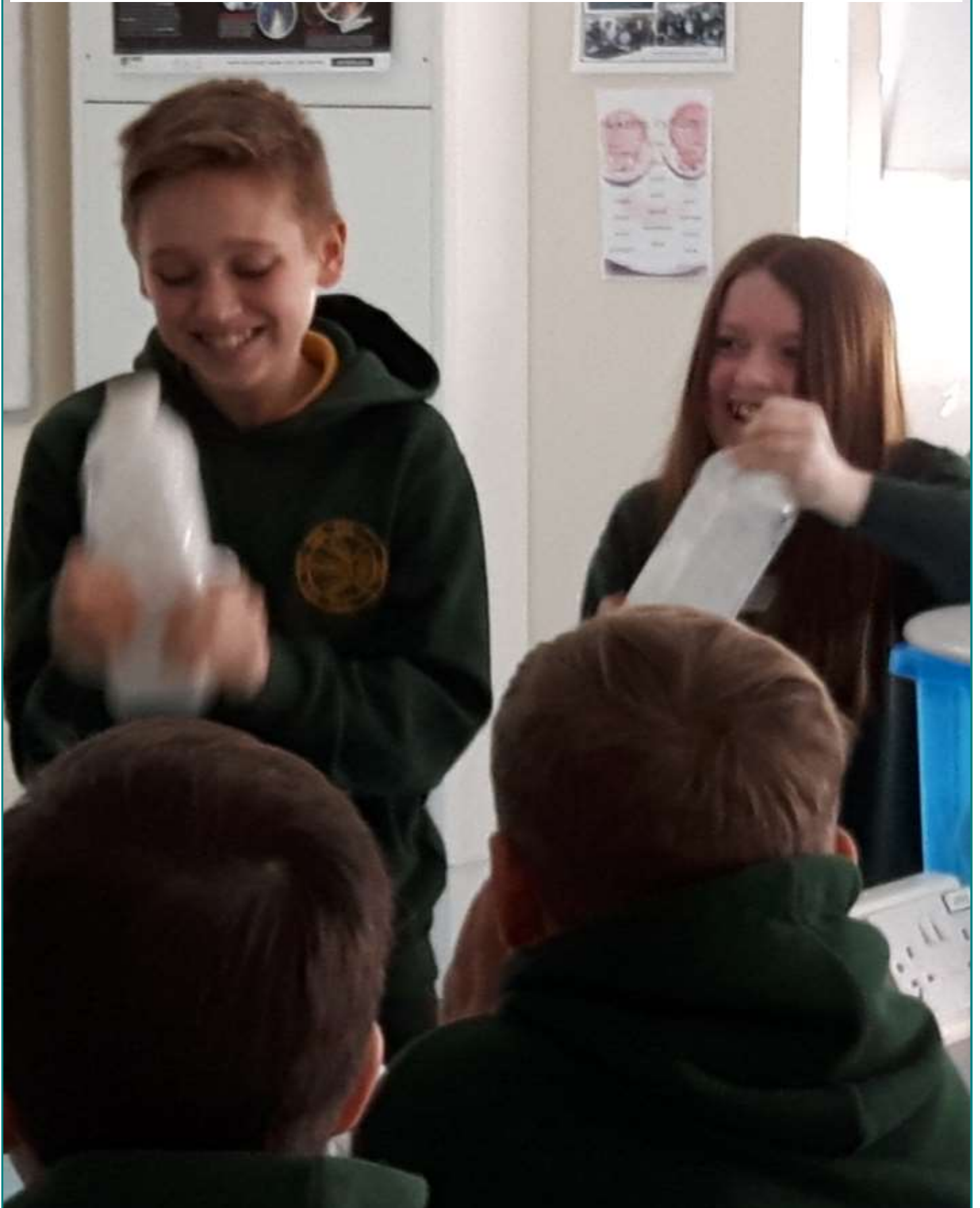




Sugar in urine can be a sign of diabetes. The children explored ideas as wide ranging as health, conservation and scientific testing, whilst diagnosing the problem of a sick elephant. No elephants were harmed, or ridiculed, in the extraction of the urine!

LOO OR POO?

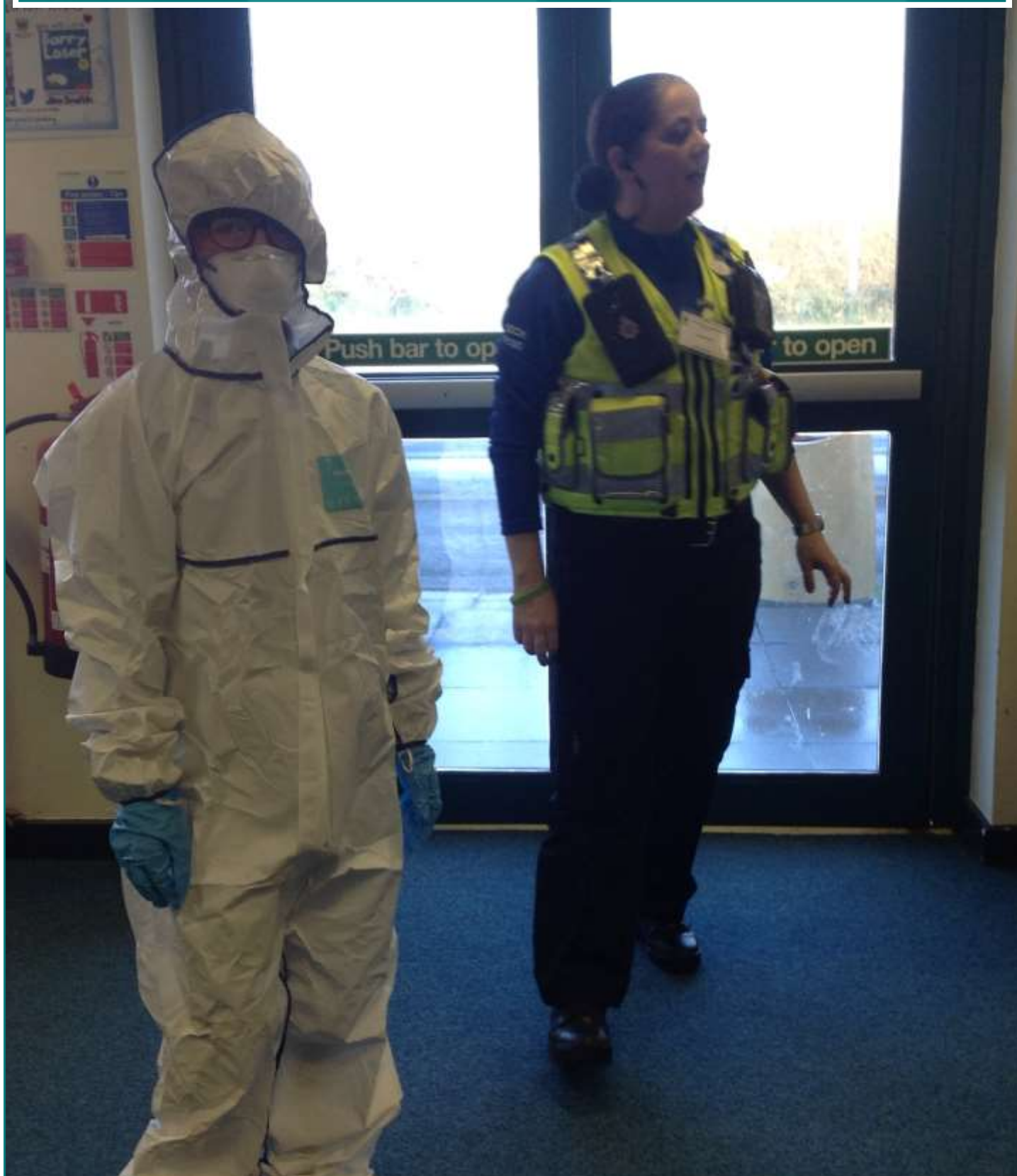
There was a lot of laughter in the 'Welsh Water' session, where students were asked to consider what substances are suitable for flushing down the toilet and what things must never be flushed away.





Small experiments were done to test what substances break up in the sewerage and what things remain in shape to block the pipe.
Every session ended with a hilarious game of Loo or Pool!

THE POLICE



Of all the sessions that were held on Science Taster Day, the children wanted to ask the most questions to the Police Community Support Officer who came to talk about Forensic Science.



She cordoned off the area, fingerprinted the children and talked about real crime scenes that she had worked in. The Officer explained about the science behind the analysis of evidence of crime. The children learnt about contaminating evidence, DNA and many fascinating facts.

CELLFIE

Research Scientists from 'Tenovus Cancer Care' ran a session on cells.





Pupils used a microscope to look at cell samples before volunteering to be a white blood cells hunting down bad cells to protect the body.

PROPERTIES IN SCIENCE



A STEM ambassador came in to discuss different properties of materials, particularly smart materials - objects that change colour and how fibre optics work. Students also learnt about electrical substations and their dangers.

FIREFIGHTERS



Fire safety is an issue that affects us all and The South Wales Fire Service is an employer in this area so Bryntirion is always keen to form links with the local Fire Station.

This session was very interesting and informative on how the children can stay safe in their own home. The students really enjoyed listening to the firefighter and the staff felt that they had learned a few tips too!



WE HOPE YOU HAD A GREAT DAY
FULL OF NEW EXPERIENCES!

WE LOOK FORWARD TO YOU
JOINING OUR SCHOOL
COMMUNITY IN SEPTEMBER 2017!!