Super Science…

FULWELL INFANT SCHOOL ACADEMY

Science week in school

Monday 10th March 2025

Special points of interest:

- Experiments enthrall
- Monkwearmouth Visit
- Big Science
- Parent patnership

As we continue to build on the opportunities offered to the children in science, school, science week was a great success. We were supported by parents whose careers are within science –Mrs Chiang visited Nursery talking to the children about how their body works and changes. Mrs Burman spoke to Year 2 about mental health and well-being. Ms Cullen visited reception classes about her role as a physiotherapist and Mr Moore led wind turbine experiments in Year 2. Mrs Shail visited Nursery and Mrs Bennett brought animals in to Year 2. Mr O'Reilly led a session with class 5.

Mrs Bennett brought her animals to each Year 2 class and there were even opportunities to hold them. Lots of information was shared and there was great excitement throughout the week. LEARNING IS FUN…

Each class also took part in many practical 'experiments', predicting, hypothesising, observing and reaching a conclusion Dr Renwick led sessions of music and science during his lessons this week.

Neil from 'Big Science' worked with classes in Reception and in Year 1.

And then we had Fulwell Junior children from Year 3 and Year 4 and a visit to Monkwearmouth for Year 2.

What a week it was!

"I enjoyed science week and learnt lots of new things. How wipes and kitchen roll can't be flushed away and tissues too. This is because they aren't the right material to break down in water.
We need to know this to prevent damage to the environment. The sun is getting hotter and the temperature bis going up."

Pupil Voice!

What did we think?

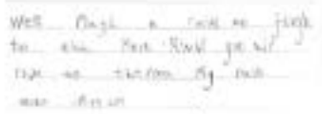
Joel and Dray from Year 2 had lots to say about Science week and how much they had enjoyed it…

The Russian dwarf hamster and 'cosy' feet to ensure they don't freeze in the ice was a fascinating adaptation…

Budding Scientists...

Nursery

Reception



Fulwell Super Scientists

Asking questions to find out new things.

Predicting what might happen and testing to find out.

Learning more, remembering and using what we learnt before.

Working with and learning about Scientists.

Learning, understanding and using scientific vocabulary

Being curious and LOVING science.

PSQM

CHANGE & ADAPT

Enquiry approaches

- Fair Testing
- Researching
- Problem Solving
- Observing
- Identifying, Grouping, Classifying
- Pattern Seeking

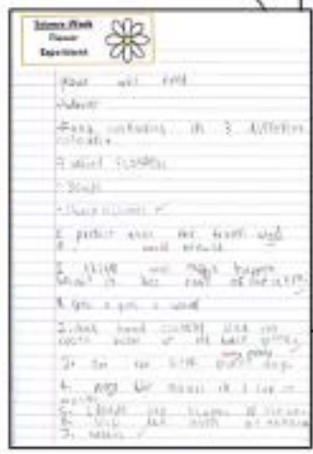
Enquiry skills

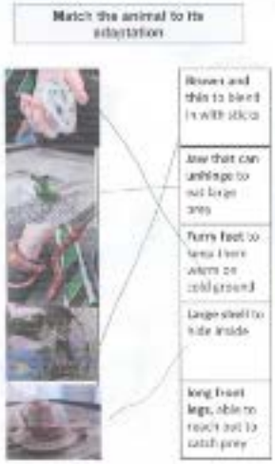
- Questioning
- Predicting
- Evaluating
- Setting Up Tests
- Interpreting and Communicating Results
- Observing and Measuring
- Recording Data

Year 2

Year 1

BRITISH SCIENCE WEEK
7-16 March 2025





Class 9 tried to make a jelly baby grow...

Children predicted what they thought might happen before discovering that the jelly in water grew the most. They also made gloop...

Reception classes loved 'Big Science with Neil...

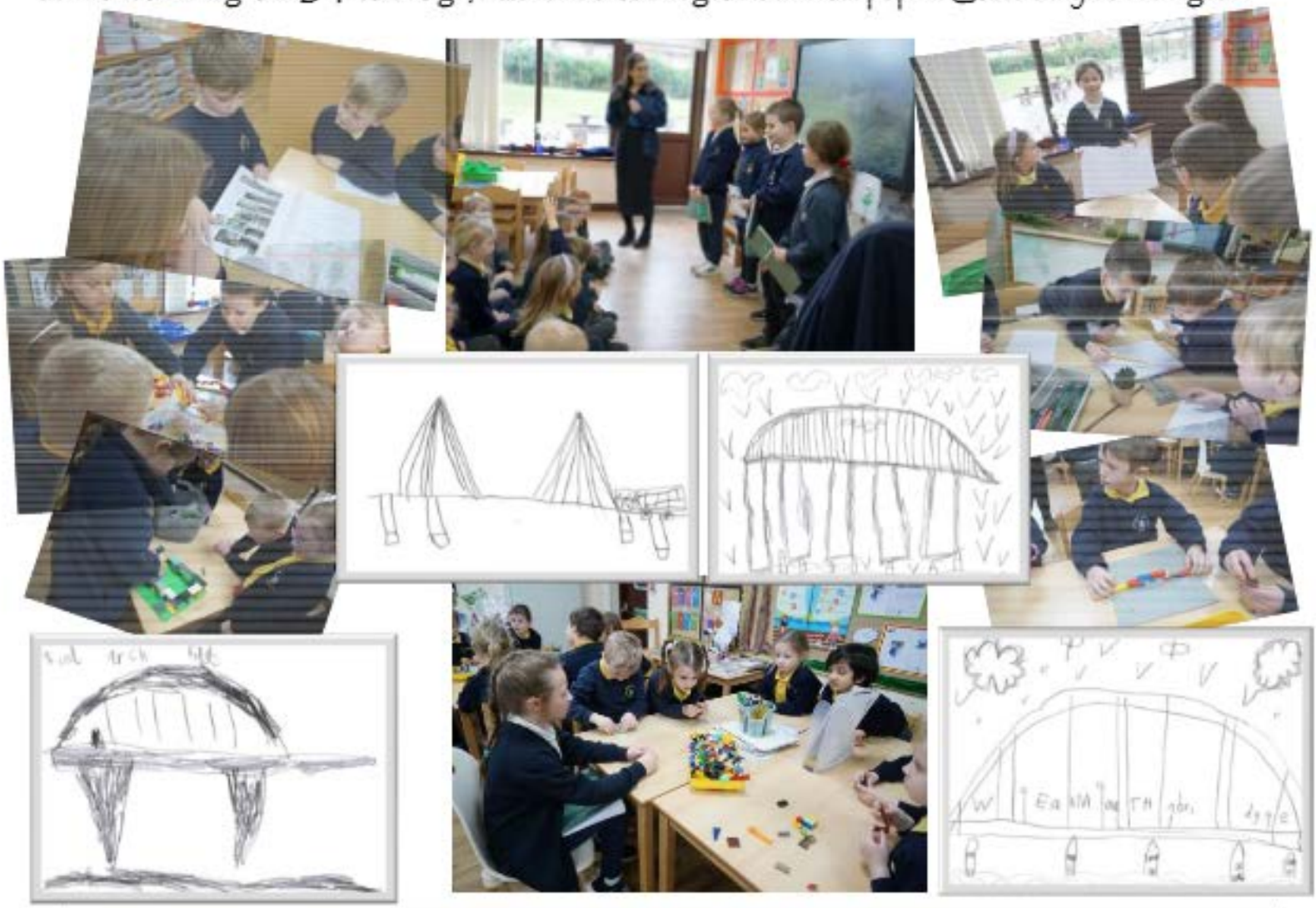
Dr Renwick led the science in music with Reception classes...

Wataru discovered what happens if the space beneath the chime bar is blocked by card.

Children discovered the importance of hollow items to make sound. They loved the drums and the trumpet.

Science (and Engineering) with Fulwell Juniors
Year 1 and Year 2...

Year 1 classes worked with Year 3 children who brought along their workbooks and confidently talked to Year 1 about bridges-they then supported the building of bridges from Lego. Year 1 children then continued the work on bridges in DT to design, make and test bridges made from paper. Could they bare weight?



Year 2 & Year 4

Fulwell Infants and Fulwell Juniors Science Buddies

Black Pepper Germ Experiment

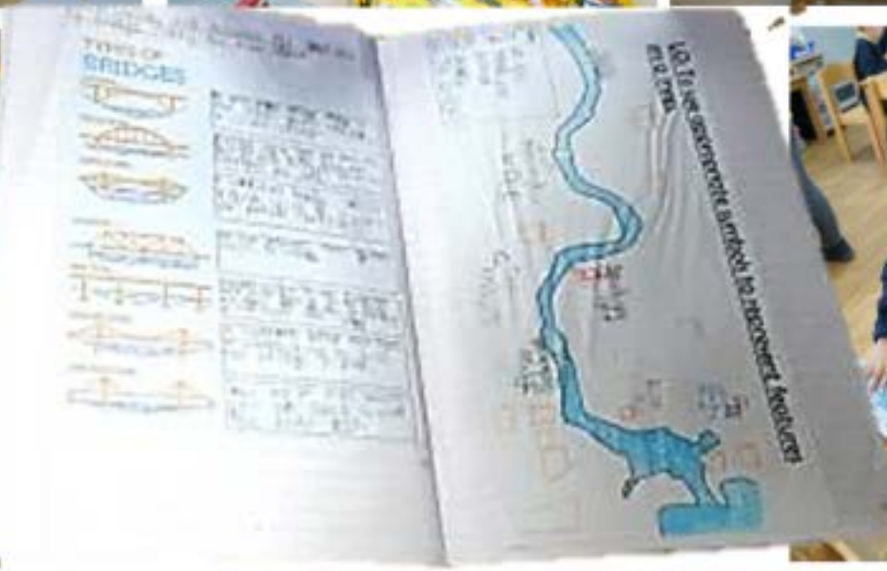
Ziplock Bag Experiment

Science (and Engineering) with Fulwell Juniors
Year 1

Year 1 children continued their construction and testing of bridges in DT.



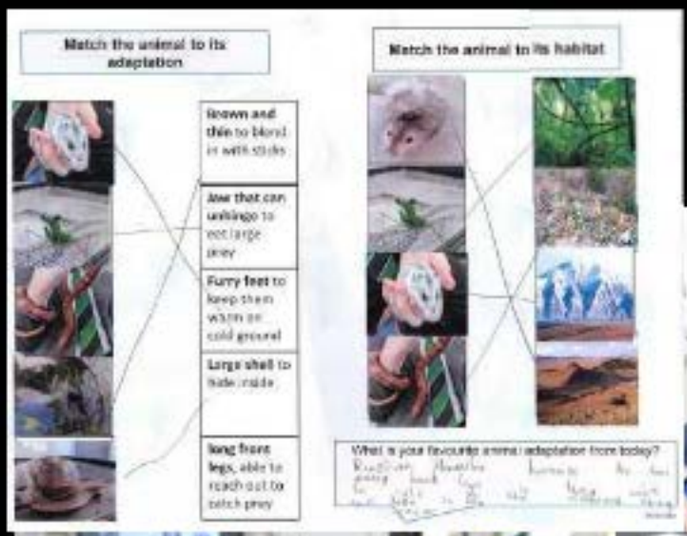




Year 1 classes studied flowers, they labelled the parts and experimented with food colouring to see what might happen if they were left for a few days...

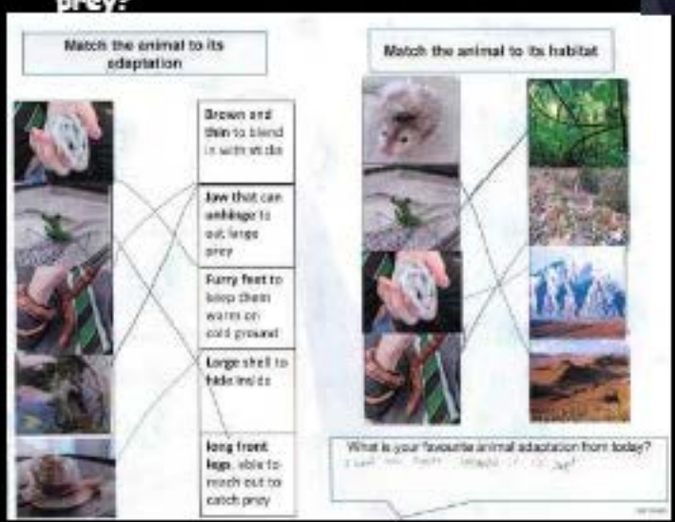
Classes also considered whether animals adapted to their habitats.

Year 2 Science at Monkwearmouth



Monkwearmouth hosted practical science for our Year 2 children who handled animals.

The children were supported by pupil mentors some of whom were former pupils. Theylearnt about how the animals adapt and change.Did you know a snake is able to unhinge its jaw to eat large prey?



SHOULD WE FLUSH IT AWAY??

Year 2 children became scientists on Monday morning as they considered what would happen to different types of paper if they were flushed down the loo. They discussed, predicted, hypothesised and then carried out the experiment to reach a conclusion. Stop watches were used and fair testing was an important part of the experiment. As a result, bottles were the same size and the same amount of water went into each bottle. They were all shaken for exactly 60 seconds before they reflected on their predictions to see the results. Were they right?

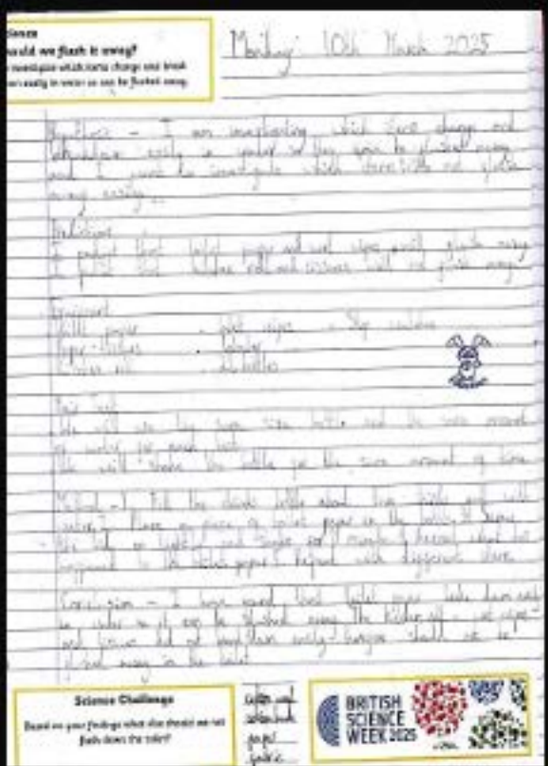
YEAR 2

researching

hypothesising

observing

questioning

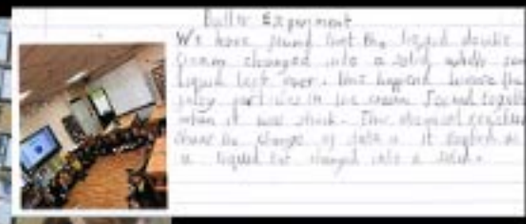


testing

interpreting

TESTING FAIRLY-What must be kept the same to keep it fair? We learnt about variables and what it means to control an experiment.
YEAR 2 classes took part in 3 different experiments:
Changing a liquid to a solid. Can butter be made from double cream?



Can a chemical reaction cause a volcano effect using bicarbonate of soda and lemon juice?




Can a landing craft be designed and engineered to prevent an egg dropped from height from cracking?