

Impact Statement

Pupil Voice

Action Statement

Evidence



Key



to become scientific literate citizens

Our Science vision is: To inspire pupils' curiosity about the world around them and to enable pupils

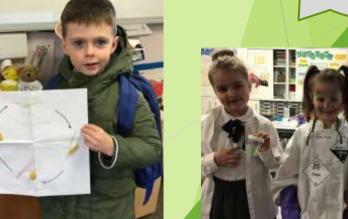




Staff Voice

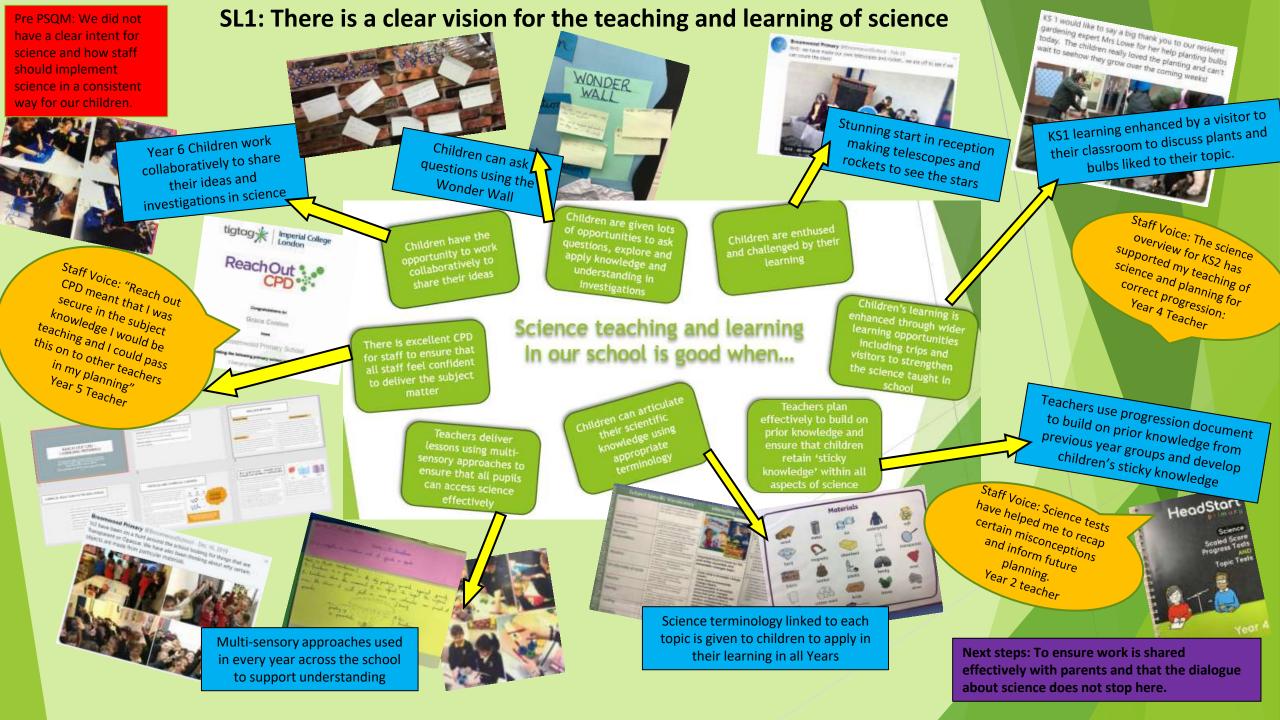
Next Steps

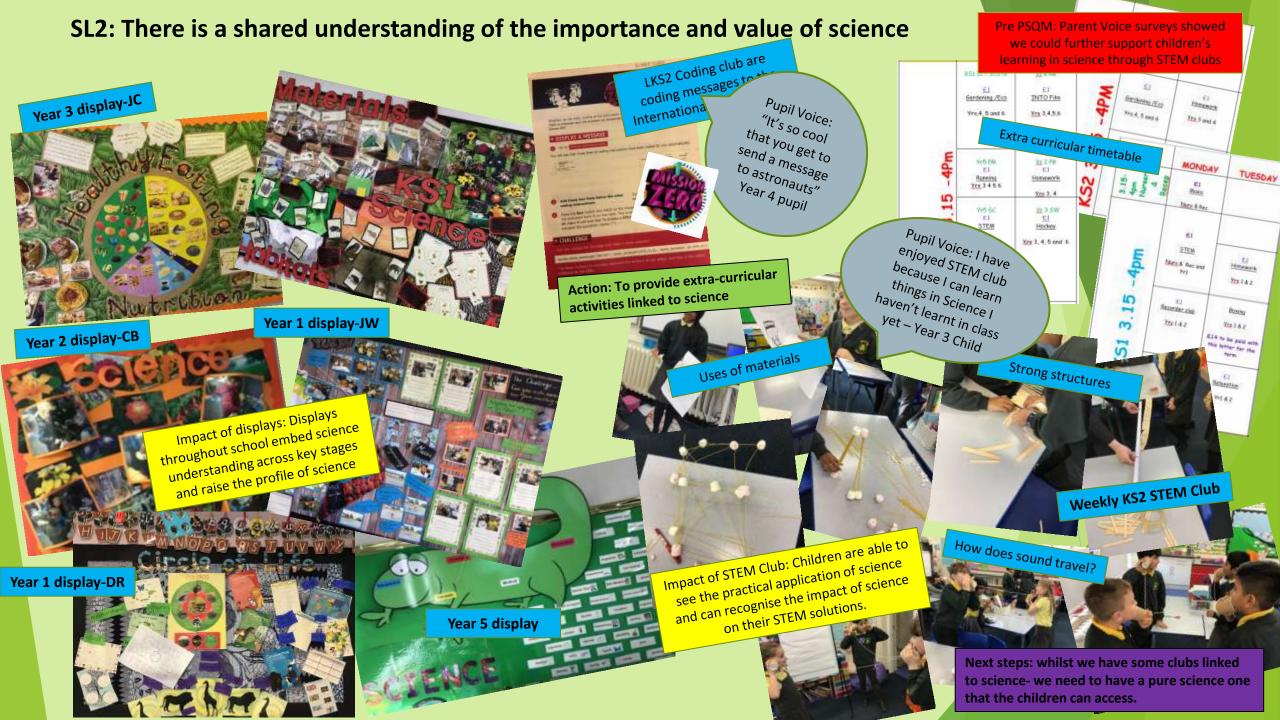
Parent Voice



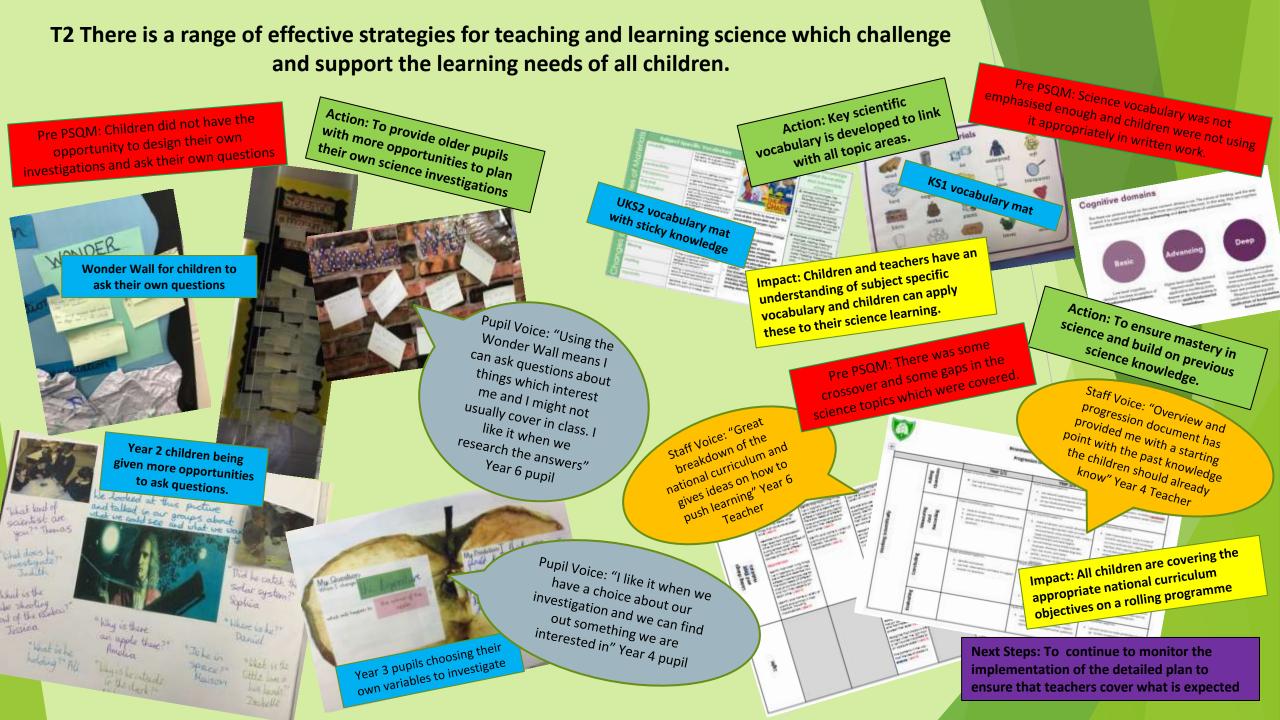
















L3: There is a commitment to developing all children's science capital Broomwood Primary @BroomwoodSchool Mar 3 VIZCE have been dressing up as famous scientists for Science Week, Today

Allows Elization and Millerda Tanda in phases

Before the PSQM there hadn't been enough focus on helping the children to understand about jobs in science and there was less emphasis on the importance of science in everyday life

The Bentley experience

Action: To find ways to ensure that pupils understand how science is part of everyday life

Broomwood Primary @BroomwoodScho Broomwood Primary appropriate and a look around a Benbey ryma.

As part of our science week 3SW had a look around a Benbey ryma.

As part of our science week 3SW had a look around a Benbey ryma. We looked at the different parts and asked questions as Staff Voice: "Brilliant opportunity to give children experiences

Impact: Children saw the link between science and engineering and how science is part of our every day lives

Action: To ensure that the children really understand the difference between biology, chemistry and physics

lear 2 enjoyed looking for common plants and creating tally charts as part of

Biology

Chemistry

Impact: Teachers planned definite experiments linked to chemistry, biology and chemistry to continue to develop the children's understanding of this

omwood Primary @BroomwoodSchool - 23h

YTDR have been busy exploring acids and alkalis this afternoon. We

been doing a chemistry experament by testing everyday substances we

rus paper, to observe colour changes and reading the pH scale.

Science Week

2nd March-6th March 2020

Pupil Voice - "I now understand that science is part of every day life and there isn't anything which doesn't involve science"

> We put water in it and pumped it up. Ours went over the tree! We learnt more about forces. (Zach Year 3)

And the state of t Broomwood Primary School's

Scientist of the week certificate for test of the week those who demonstrated particular curiosity and enthusiasm ork when May thony or She was been to find and or harmedologist mother and not only impressed the day has providence should the composition of bloods but also asked fortune questions to develop has

WHERP OF THE WAY OF LESS

Staff Voice: "Showed children aspire to" Year 1

Arondedge Rother Well, done Auch Next steps: To continue to develop science week as an annual celebration of science in our school and to build on our science capital.



Year 5GC was filled with famous scientists yesterday who have changed the world through their incredible research! Take a look to find out more about







Action: To ensure that all children

recognise that science is for them.

Impact: Children dressing up as a scientist and carrying out research learn that scientists are different gender, have different ethnicity- supporting them to understand that science is for all.

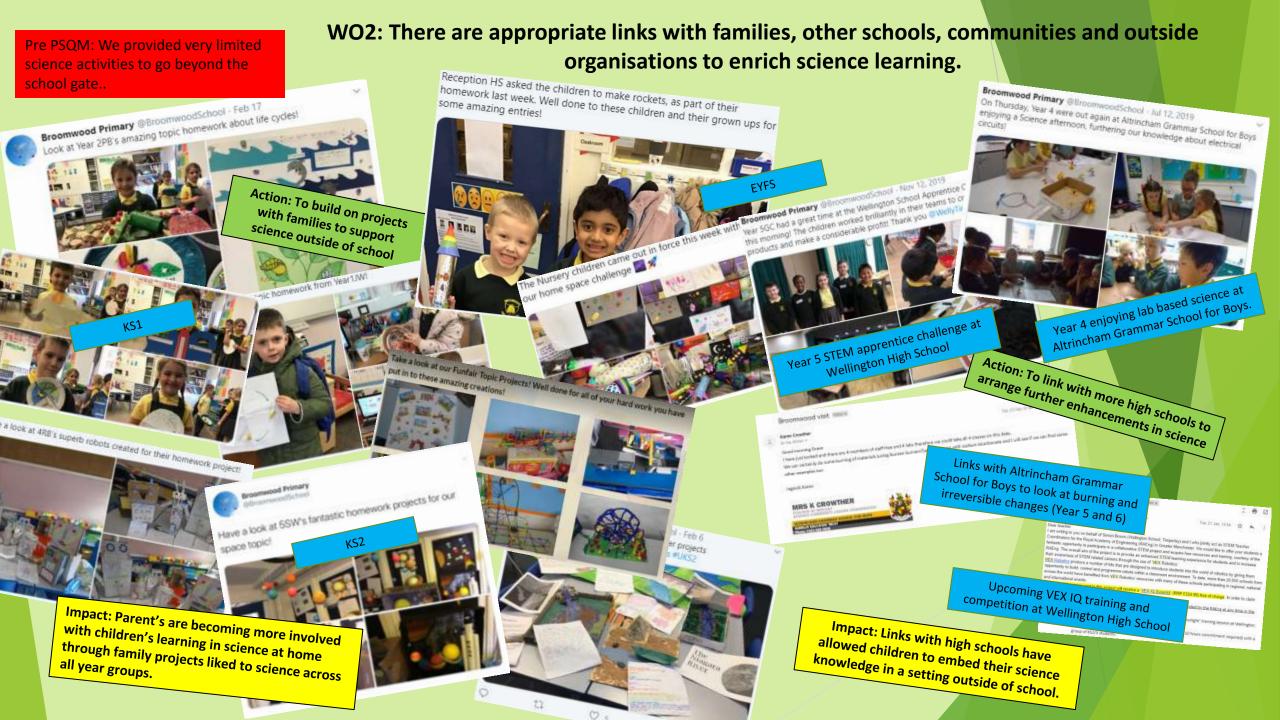


Broomwood Primary

Forces in action, 33C employ

Physics





WO2: There are appropriate links with families, other schools, communities and outside Pre PSQM: We didn't often link to topical events which were happening globally or organisations to enrich science learning. Broomwood Primary @BroomwoodSchool - Nov 22, 2019 We are having a fab time with our STEM visitor. Did you know linked to science. Pre-school have made bird feeders as part of world nursery rhyme week. We that the reason you don't like sprouts might be because you have been singing the rhyme two little dicky birds 🦠 📽 Action: To build in with more topical can taste Phenylthiocarbamide? This is a chemical which makes things taste bitter, but only some of us can taste it! science events within the school Action: To develop further awareness in through science visitors school about the environment. Yr 5 and 6 @BroomwoodSchool have had a great time with omwood Primary @BroomwoodSchool - Dec 16, 2019 W planting trees donated by the @WoodlandTrust in our playgrow one of our parents and sports, nutrition and massage therapist. We have been learning all about the importance of Pre-school making bird feeders ery child now has their own tree. healthy eating and exercise. WOODLAND Broomwood Primary @@iro A scientist from the Royal Institute KS 1 would like to say a big thank you to our resident gardening Now for her help planting bulbs today. The children really loved the showing us some impressive TRUST g and can't wait to seehow they grow over the coming weeks! chemistry experiments in workshops Sports scientist discussing nutrition and the body with Year 5 and 6 WE HAVE BEEN INSPIRED to become ENGINEERS by Andy from Bentley Broomwood Primary @ The Woodland Trust donated Andy, an engineer from Bentley, over 400 trees for each child to plant a tree on the school grounds visiting the children and taking questions about his job Steve, from Star Chaser, showing stive wildlife the Skybolt rocket to the children Impact: Enthuse children about science and show them a range of careers linked to science and STEM subjects they may have otherwise never Wildlife spotting competition Eco Warriors helping around encountered. school Impact: Children have developed an understanding of topical issues in science, such as climate change, and the positive changes they can make.

Next steps: To continue to ensure the curriculum is flexible to make link with topical science events in the future.

Pupil Voice -"Seeing Andy

inspired me to be

an engineer

when I am older

and he told me what I could do"

Year 5



Our PSQM Journey at Broomwood Primary School

Before the PSQM gilt award

- No involvement of parents in science and little science outside of the school gates
- Resources were not organised to make them accessible to teachers
- Teachers were unaware of where to access high quality
 CPD and online resources
- Science and STEM were embedded throughout the school with a biannual STEM week and weekly science lessons.
- Assessment was only done through teacher marking and feedback bubbles to children and annual target tracker

Highlights after the PSQM gilt award

- Greater enthusiasm for science across the whole school with children, staff and parents.
- Much greater involvement of families in science
- Greater understanding of the development and progression of science.
- CPD for staff and subject knowledge is more secure through resources for planning
- More consistent tracking and assessment of science
- Resources are used more appropriately in science lessons.
- Better understanding of our science capital
- Greater awareness of wider issues in science and how we can help with environmental issues