





Science at Pinehurst

Tuesday 7th February 2023



What Does Science Look
Like at Pinehurst
Primary?



Science at Pinehurst is hands-on, engaging, and thought-provoking. Our curriculum provides a wide range of learning experiences for our pupils, under our 'Achievement for All' agenda and our 'Experience, Excel and Enjoy' motto.

You can follow our Science learning journeys via Twitter, using the hashtag: [#PinehurstScience](https://twitter.com/PinehurstScience)





OUR SCIENCE CURRICULUM IS BASED ON THE PRINCIPLES THAT SCIENCE IS GOOD WHEN IT:

- Is relevant and related to real life, current topics of interest, and means something to us;
 - Allows us to ask lots of questions and develop our vocabulary;
 - Lets us investigate and explore in a practical, hands on and experimental way;
- Challenges our understanding and encourages us to think critically about our scientific ideas;
 - Encourages us to apply our knowledge, skills and understanding at home and at school;
- Gives us opportunities to work with others to develop our collaborative working skills and;
 - Enables us to use appropriate, high quality resources and equipment.

Pupil Voice

'Science can teach us things for our future, like in our jobs'.

Ferdaws



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Science Monitoring

EYFS

- Lots of lovely Science work evident in both floor books and learning journeys.
- Topics show clear links/connections to Science.
- Variety of children's own work, staff observations and photographs.



Years 1 – 6

- Year groups clearly working collaboratively – consistency throughout books.
- Medium term plans being followed.
- Lots of variety with regards to activities e.g., children's own drawings/diagrams, children drawing their own graphs/tables, children's writing, photographs.
- Very minimal use of worksheets.
- Topics are being reviewed at the end of units – lots of learning recorded.

We would like for this to continue and are happy for this to be our main form of assessment. Debbie Eccles (SIL) informed that end of unit tests do not need to be completed.

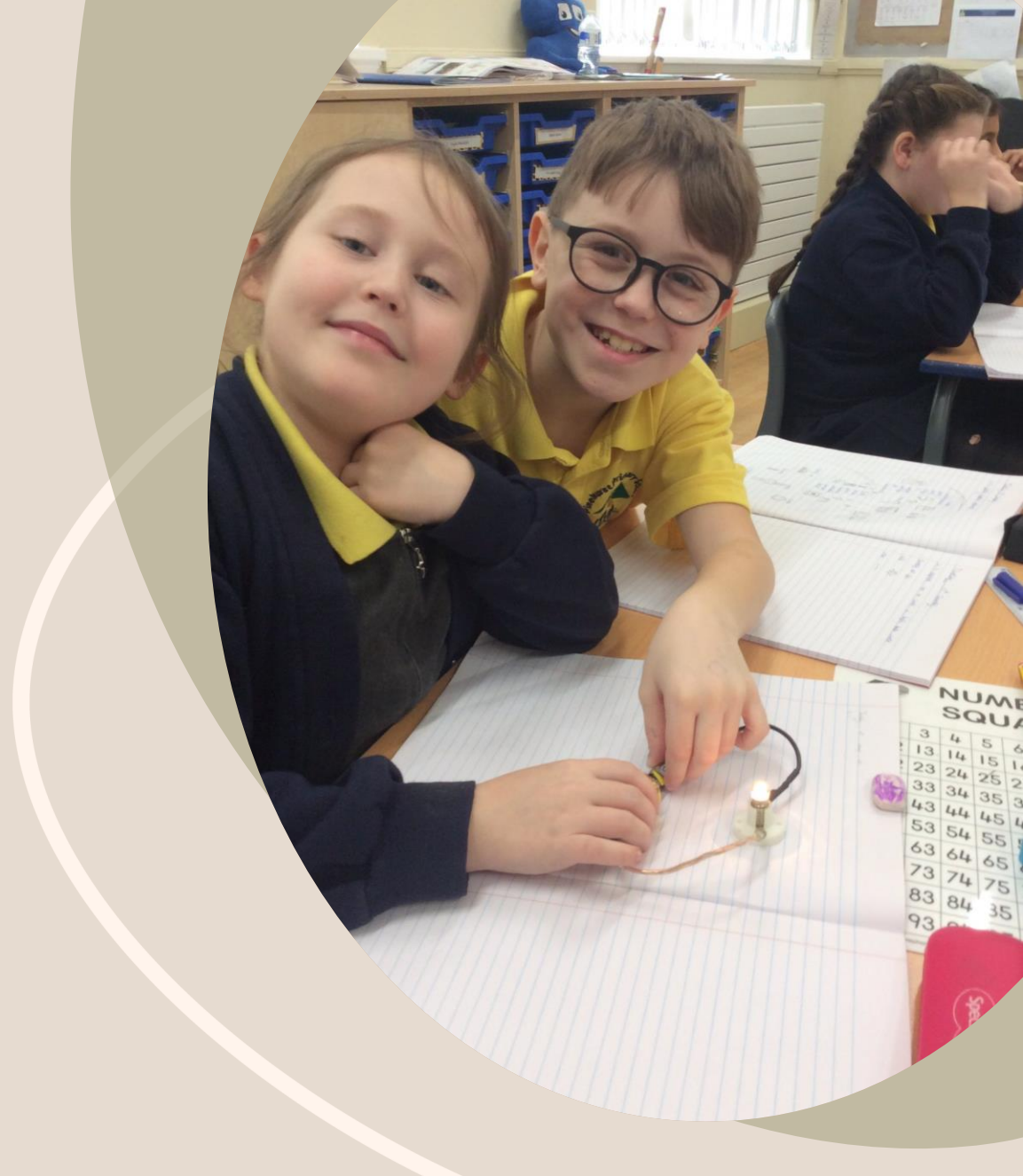
- Date pre-assessment and post-assessment for mind-map – good idea.



Pupil Voice

'It's really exciting because we get to do lots of experiments.'

Vanas



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Areas for Development

Areas for Development

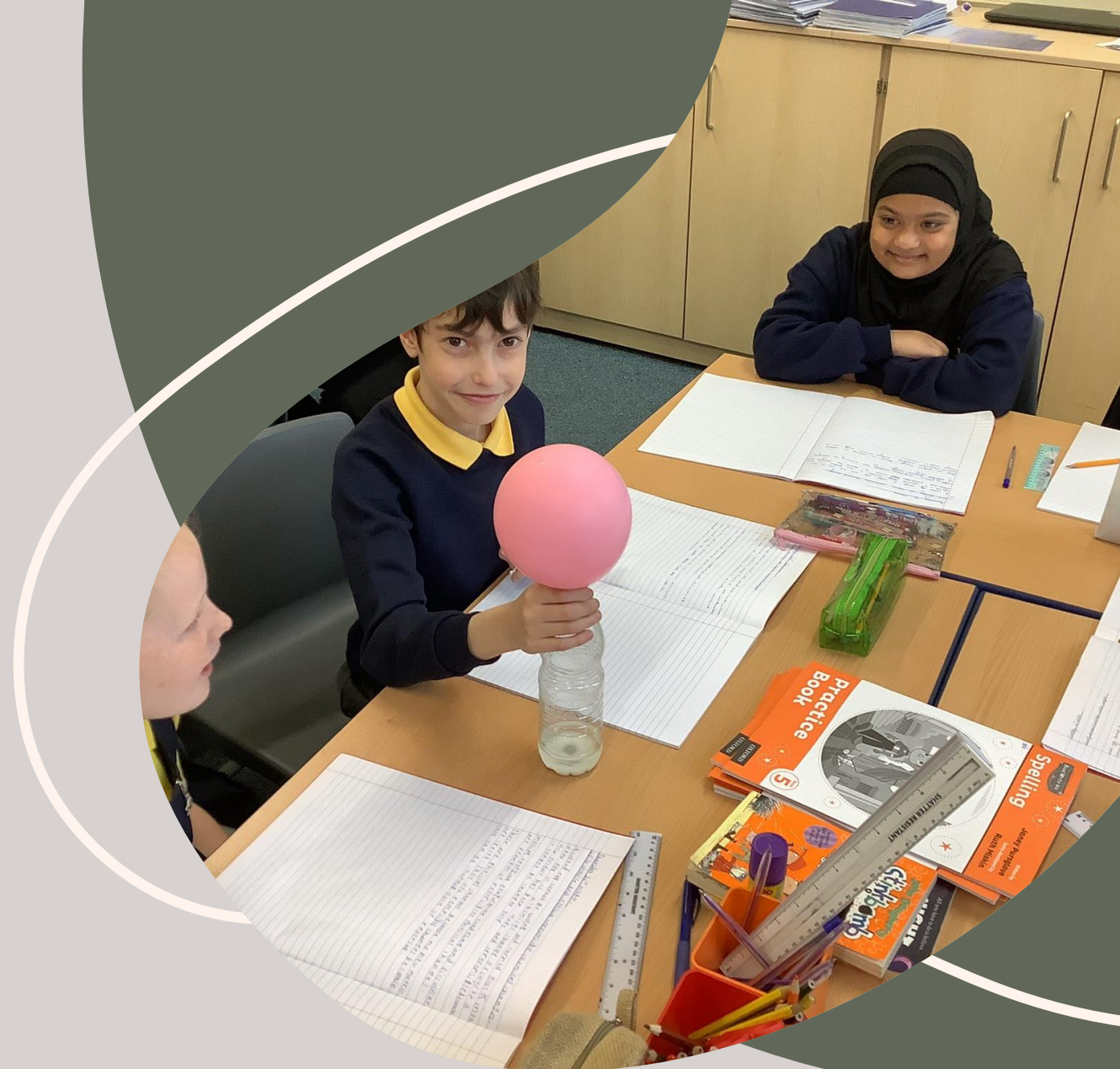
- Front covers should be stuck in at the beginning of a unit – before any other work/pages.
- Staff to use front covers that have been prepared by Science Leads..
- Focus on developing language and that constant reference to the LEARNING that is taking place and/or the skills that are being developed.
- Y2 upwards to complete their own mind-maps at the start and end of units – no need for a worksheet for this activity.
- Can we highlight the key vocabulary for the lesson in the learning objective.



Pupil Voice

'I really like Science because we always learn about really cool stuff.'

Amelia



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Promoting Science at Pinehurst

LEGO Education



£700 grant from Edina Trust used to purchase LEGO Education Science /
Computing / STEM packages.

LEGO Education

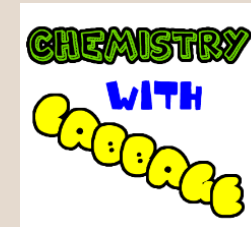


Edina
Trust



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Chemistry with Cabbage



Edible Garden





Thank you!

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