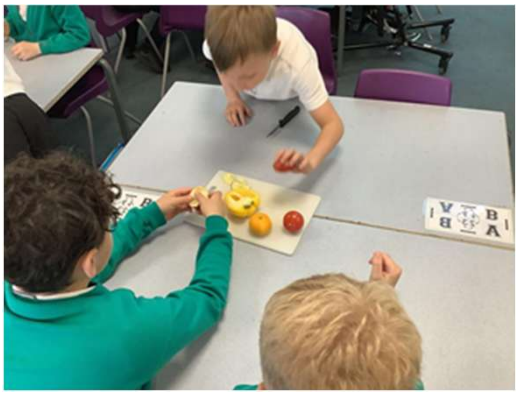
What does 'Science' look like at Ladybridge Primary?

1. Curriculum mapping

Learning follows a clear sequence in each year group and throughout school to ensure progression of knowledge and skills. Lessons are sequenced lesson by lesson, unit by unit, and year by year, to recap and build on prior learning.

Science lessons are taught using the Kapow scheme of work, the through a two yearly cycle in Key Stage 1, Lower key stage 2 and Upper Key Stage 2. In addition to this, the 5 types of Scientific Enquiry and key vocabulary are also mapped out. National Curriculum strands are explored

Consideration is given to ensuring that the curriculum is adapted and accessible to all children in the class.



2. Sampling

Lesson observations inform staff about how Science is being taught and how children are learning. Learning walls and displays reflect the learning that is taking place.

Pupil voice work helps us to understand how children engage with their lessons and whether key knowledge is sticking. We ensure that all groups of children are included including those with Special educational needs and English as an additional language.



All teaching staff engage in regular book looks to share good practice and ensure a consistent high quality approach across all classes.

3. CPD

Continuing professional development is important as we continue to develop our high quality teaching of science. We are currently working towards the Inspirational Teacher of Science award.
KAPOW provides the foundational knowledge in its CPD ensuring that all teachers are well informed and understand the concepts they are teaching.

4. Assessment



Children will self assess their learning and understanding each lesson alongside their teacher's assessment. They are also encouraged to peer assess and self correct any errors

Children complete a knowledge based quiz to assess their retention of key knowledge at the end of the unit.



5. Learning environment

The learning environment is calm. Children work in pairs and groups where appropriate and scaffolding supports all learners towards independence.



Children take part in practical learning: planning, doing and evaluating scientific questions to answer questions.

6. Celebrations

Children take part in science week every year which has different themes.



Trips are carefully planned to link to the areas of science being taught.