

Our Vision for Science at our school

At North Mundham Primary School, we recognise the importance of Science in everyday Life. As one of the core subjects we aim to give children a well-rounded experience of Science in classrooms based around everyday life. We use a cross curricular approach where possible.

We aim to give students a diet of core knowledge and an understanding of the world. Thorough the use of Scientific Skills and concepts, we develop their enquiry and observations skills. North Mundham aims to develop a natural curiosity and question a process or theory. We provide learning experiences that help them to test out, record and evaluate different situations and experiments.

SPOKEN LANGUAGE AND VOCABULARY

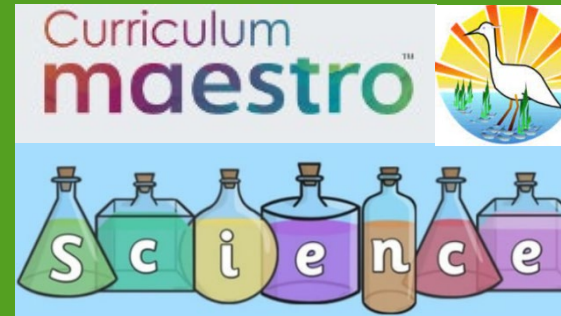
Science reflects the importance of spoken language – cognitively, socially and linguistically. Scientific Vocabulary and variety of language skills are key factors in language development and formulating scientific concepts clearly and precisely. Discussions help to make links to prior learning and create new cognitive ideas and schemas.

We enrich the curriculum by...

- School trips to Science Museums
- Provide Science Workshops
- Science week held annually
- Science Competitions and homework
- Invite scientists and parents to promote STEM
- STEM project involvement and film projects
- Science Clubs
- Scientific displays
- Cross curricular links

Science

At North Mundham
Primary School



A North Mundham Leaver will..

- Have good grounding Biology, Physics and Chemistry
- Be encouraged to be involved in STEM projects no matter which gender.
- Be inspired to work in the STEM profession.
- Learn to work Scientifically using scientific skills.
- Make careful observations and connections in the outside world.
- Meet the end of Key Stage Expectations outlined in the National curriculum
- Develop a passion for enquiry, scientific learning, and discovery
- Acquire skills that are useful across cross curricular subjects.
- Prepare for the future and it's technological advances.

WORKING SCIENTIFICALLY
Children in our school will learn about the 7 key skills:

Asking questions,
Making predictions,
Setting up tests,
Observing and Measuring,
Recording data,
Interpreting results,
Evaluating.

At North Mundham we cover the following subject areas:

KEY STAGE 1	KEY STAGE 2
Plants	Plants
Animals including Humans	Animals including Humans
Everyday Materials	Lights
Seasonal change	Rocks
Living things and their habitats	Living things and their habitats
	States of Matter
	Sound
	Electricity
	Forces and Magnets
	Earth and Space
	Properties and their materials
	Evolution and Inheritance
	Forces