

School Curriculum 2020

Science at East Ayton Primary School

Principles and Purpose

- Children should develop the knowledge and skills which will enable them to investigate and understand the world in which they live.
- Children should develop an understanding of how Science can be used to explain, predict and analyse.

Entitlement & Enrichment

- National Curriculum Programmes of Study for Science are taught through themes. Class teachers produce a long-term plan showing when the themes will be taught through the year.
- Children are taught scientific knowledge and skills through carefully planned lessons based on investigations and observations. Where possible, learning is based on practical discovery.
- The acquisition of knowledge and skills is progressive and builds on prior learning.

Enrichment of the curriculum for science includes:

- Investigations in the Forest Schools area.
- Observations and investigations using the unique features of the surrounding area – e.g. Forge Valley, Scarborough beach.
- Attendance at Scarborough College Science Days.

Breadth & Balance

- Scientific knowledge and skills, as outlined in the National Curriculum Programmes of Study, encompassing biology, chemistry and physics, are developed in discreet science lessons and, when and where possible, in other subjects across the curriculum, e.g. maths, geography, etc.
- Coverage of the National Curriculum, as outlined in the Teaching Narrative, follows North Yorkshire County Council (NYCC) guidance on the teaching of science.
- Scientific enquiry begins in the Early Years; knowledge and skills are then developed through the Key Stages, building on prior learning and through the introduction of new themes.

The Teaching Narrative

- The NYCC scheme for Science teaching is the vehicle for the delivery of the National Curriculum.

Resources

- General resources for Science are regularly audited.
- Forest Schools area.
- Forge Valley.
- Scarborough beach and surrounding area.

Review & Evaluate

- A yearly plan outlining the actions needed to ensure progress.
- Termly meeting with reading leader to review progress with the action plan.
- Phonics policy review.