

St Mary's Farnham Royal Church of England Primary School



We aspire to grow as a community through FAITH as a FAMILY.

Thriving for all our FUTURES enabling us to FLOURISH

Science Curricular Goals

EYFS

Care: actively look after their environment and understand the effects of not doing so

Year 1

Ask: Ask simple questions.

Perform: Perform simple experiments and tests.

Record: Observe and record data from experiments and use this to answer questions.

Year 2

Group: Identify, group and classify.

Perform: Perform comparative tests.

Record: Observe and record data noticing similarities, differences and patterns and use this to suggest answers to questions

Year 3

Ask: Ask different questions and answer using scientific enquires.

Perform: Perform practical enquires, comparative and fair tests.

Record: Gather information in a variety of ways.

Year 4

Perform: Perform practical enquires, comparative and fair tests.

Observe and record: Make careful observations and take accurate measurements using a range of equipment. Record and present this data in a variety of ways.

Evaluate: Draw conclusions, make predictions, suggest improvements and raise further questions.

Year 5

Perform: Perform scientific enquires, recognising and controlling variables where necessary.

Observe and record: Take measurements using a range of scientific equipment with increasing accuracy and precision and report findings from enquiries including conclusions. In both written and oral formats.

Year 6

Perform: Perform scientific enquires to answer questions, recognising and controlling variables where necessary and using appropriate scientific language and ideas

Observe and record: Record data into keys and graphs whilst taking measurements of increasing accuracy and precision

Evaluate: Evaluate their own, and others', scientific ideas forming arguments to show how theories have been proven or refuted.