

Subject Teaching Sequence- Science

Phase of unit	What you would expect to see in this part of the unit...
Assessment	What do children already know? Pre-learning assessment.
Questioning	Discussing a key question or theme. Evaluating and sharing existing knowledge.
Researching	Finding out about key scientific facts. Finding out about famous scientists and their impact on science. Discussing key concepts. Exploring misconceptions. Using ICT and a range of sources to find out information about a topic. Teaching of key vocabulary.
Hypothesising	Creating a hypothesis independently. Creating a hypothesis using some facts. Debating the hypotheses of others (concept cartoons)
Testing / Experimenting	Designing own experiment. Discussing and creating fair tests. Following a set experiment. Collecting data. Collecting data using ICT and scientific apparatus. Observing changes and commenting on these.
Presenting	Presenting data in a variety of formats. Using ICT to present data clearly. Using different graphs for particular purposes. Writing up experiments.
Debating	Discussing the validity of data. Debating what the results show us. Proving / disproving the hypothesis.
Evaluating	Discussing next steps. Thinking about different ways to test the hypothesis. Discussing the work of others. Discussing the effectiveness of the experiment. What have we learned/found out? Post-learning assessment.