

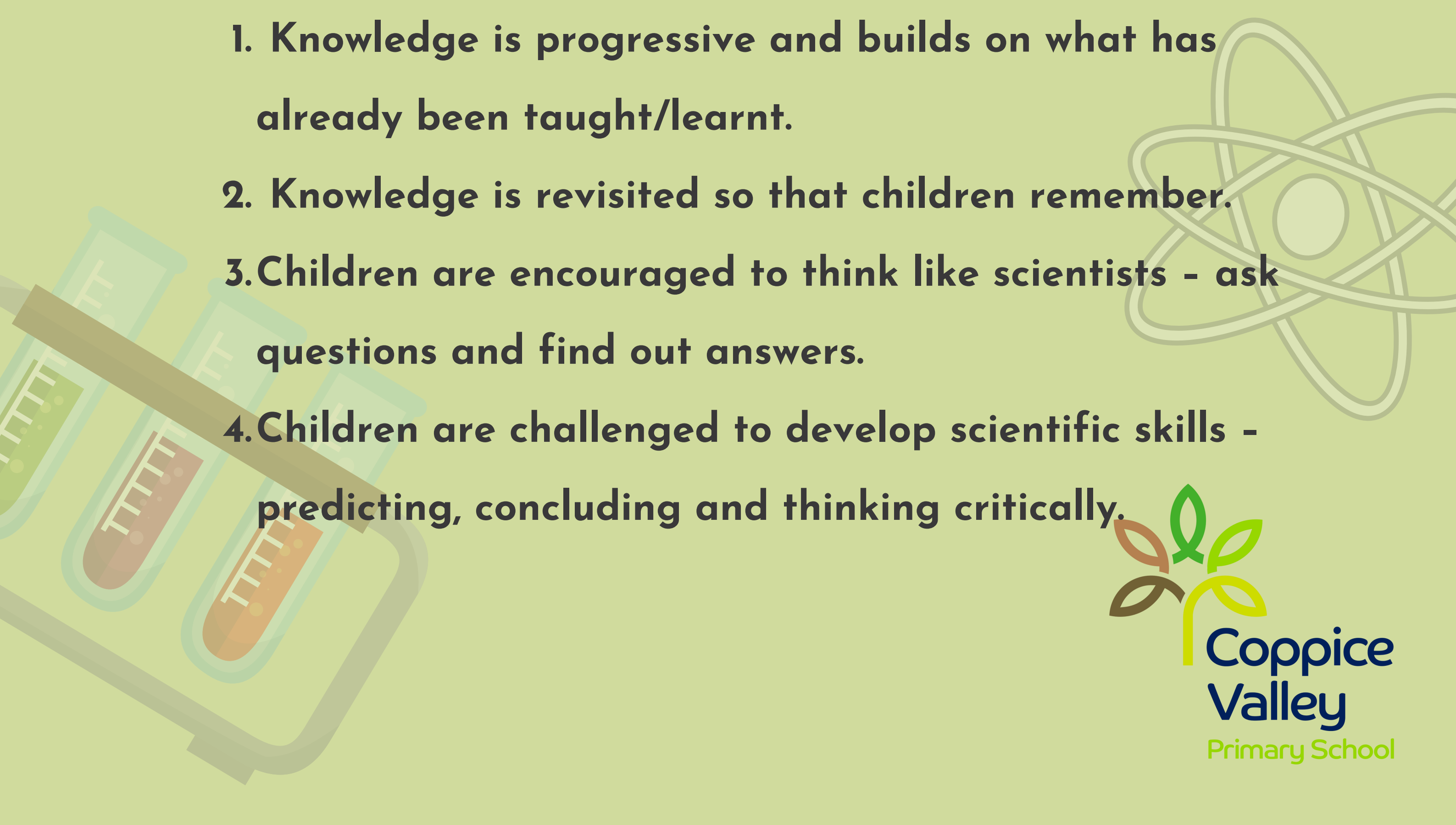


# VISION OF SCIENCE AT COPPICE VALLEY

**At Coppice Valley, we want all of our children to develop a secure scientific knowledge and understanding through good quality lessons that build on previous learning and are scaffolded to meet all learners needs.**

**Children will foster a love of physics, biology and chemistry through hands on, interactive lessons where they are challenged, encouraged to ask questions and find answers and discuss what they have learnt, over time, using scientific vocabulary.**

## PRINCIPLES OF GOOD SCIENCE TEACHING AND LEARNING

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- 1. Knowledge is progressive and builds on what has already been taught/learnt.**
  - 2. Knowledge is revisited so that children remember.**
  - 3. Children are encouraged to think like scientists - ask questions and find out answers.**
  - 4. Children are challenged to develop scientific skills - predicting, concluding and thinking critically.**