

Queen Elizabeth High School
CHEMISTRY
Year 9 Assessment Criteria

Working towards

Can define some of the key terms in the topic.
Can describe observations of a chemical reaction.
Can recall the pH of neutral solutions, acids and alkalis.
Can state the colour of universal indicator in different pHs.
Can name unreactive and reactive metals.
Know the conditions needed for rusting.
Can complete partially filled word equations.
Understand the basic structure of an atom

Expected standard

As above plus:
Can define most of the key terms in the topics.
Can identify displacement reactions and describe the use of metals linked to their reactivity.
Can write a logically sequenced method for practicals they have completed.
Can write simple word equations for reactions that form a salt.
Can name the gases produced in the reactions of metals and their compounds with acids.
Can accurately plot continuous data as a scatter graph with some support with scales for axis.
Can describe key steps in development of Periodic Table.
Can describe the changing models of the atom based on evidence at the time.
Can state the number of sub-atomic particles of an atom and explain where they are found.

Greater depth

As above plus:
Can confidently balance symbol equations.
Can predict if displacement reactions will occur based on metal reactivity.
Can suggest improvements for practical methods.
Can accurately plot continuous data as a scatter graph independently and extract information for a scatter graph.
Can explain the changing models of the atom based on evidence at the time.
Can provide detail on how evidence proved the different models of the atom