



Numerion Academy

STRUCTURED PATHWAY TO HIGHER STUDY SCORES

STUDENT NAME _____

YEAR OF STUDY _____

SCIENCE (YEAR 9) • PRACTICE ASSIGNMENT

Selection and Reactions Practice

CHEMICAL SCIENCES

MEDIUM

Work through each question in order. Show your working in the space provided where it helps — there's no time limit, just do your best.

- 1 Explain how natural selection can lead to a change in a population over time.

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- 2 Write a word equation for the reaction between magnesium and oxygen.

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- 3 Describe the evidence that supports the theory of plate tectonics.

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- 4 Explain the law of conservation of energy, using an example.

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- 5 Explain the difference between a dependent and an independent variable in an experiment.

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TEACHER'S REMARKS

Score: _____ / 5

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