

IGCSE Chemistry (9-1) Specification 2(a)

(a) Group 1 (alkali metals) - lithium, sodium and potassium

Students should:

- 2.1** understand how the similarities in the reactions of these elements with water provide evidence for their recognition as a family of elements
- 2.2** understand how the differences between the reactions of these elements with air and water provide evidence for the trend in reactivity in Group 1
- 2.3** use knowledge of trends in Group 1 to predict the properties of other alkali metals
- 2.4C** explain the trend in reactivity in Group 1 in terms of electronic configurations

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