



THE ROYAL AUSTRALIAN CHEMICAL INSTITUTE INC.

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Hello Science Teachers,

These notes accompany the first 20 elements printable black and white high resolution 'pdf' file containing five A4 sheets with 4 element cards per sheet.

[http://www.raci.org.au/national/chemistry/elements 1-20.pdf](http://www.raci.org.au/national/chemistry/elements%201-20.pdf)

These cards have been designed to be personalised by a student under the guidance of a science teacher.

The cards should help the student recognise the unfamiliar symbols used in chemistry communication.

It is suggested that the activity is suitable to introduce students to the symbols of the first twenty elements of the periodic table.

The teacher may wish to have students:

Colour the non-metal elements and metal elements.

Highlight the corresponding atomic number.

Write in the common state of the element at room temperature.

Suggest compounds or objects where the element is often found.

The cards have been designed to be folded and then laminated for the student to use for private study.

Clear packing tape is an alternative if you do not have ready access to a laminating machine.

The cards can be used in recognition games and drills.

We hope these cards are a useful resource and prove popular with students. Please feel welcome to provide constructive feedback especially your successes.

You may wish to use the cards in simple formulae writing by octet rule indicating the ion of the element on the card.

Yours sincerely

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