

## Relevant to your syllabus

### Education in Chemistry

January 2018

[rsc.li/EiC118-preciouswater](http://rsc.li/EiC118-preciouswater)

The teaching ideas that accompany the above article 'Precious water' are relevant to the syllabuses and specifications listed below:

#### England

- AQA chemistry ([4.10.1.2 Potable water](#); [4.2.4.1 Sizes of particles and their properties](#); [4.4.3.4 Electrolysis of aqueous solutions](#))
- AQA synergy ([4.4.1.8 Sources of potable water](#); [4.7.5.3 Electrolysis of aqueous solutions](#))
- AQA trilogy ([5.10.1.2 Potable water](#); [5.4.3.4 Electrolysis of aqueous solutions](#))
- Edexcel chemistry ([2.12 Methods of separating and purifying substances](#); [3.22–3.31 Electrolytic processes](#))
- Edexcel combined science ([2.12 Methods of separating and purifying substances](#); [3.22–3.31 Electrolytic processes](#))
- OCR Gateway A Chemistry ([C2.3 Properties of materials](#); [C3.4 Electrolysis](#))
- OCR 21<sup>st</sup> Century B Chemistry ([C1.4 How can scientists help improve the supply of potable water?](#); [C3.3 What are electrolytes and what happens during electrolysis](#))

#### International

- IB (Topic 9: Redox processes, International mindedness) (Topic 9.2 Voltaic and electrolytic cells)
- Cambridge iGCSE (0620 [11.1 Water](#); [Electricity and chemistry](#))

#### Northern Ireland

- CCEA chemistry ([1.9.9 describe how water can be made potable, page 22](#); [1.4 nanoparticles, page 13](#); [2.7 electrochemistry, page 33](#))
- CCEA Double ([1.4 nanoparticles, page 43](#); [2.7 electrochemistry, page 65](#))
- CCEA Single ([2.5.4 nanomaterials, page 24](#))

#### Scotland

- Nat 5 ([3 Chemistry in society, electrolysis of solutions using a d.c. supply](#))
- Higher National Unit ([DW5G 34](#), Civil engineering specialisms)

#### Republic of Ireland

- Leaving certificate ([9.3 water treatment](#))

#### Wales

- WJEC Chemistry ([1.3.c the treatment of the public water supply](#); [2.1 Bonding, structure and properties, mathematical skills](#); [2.3.n electrolysis of aqueous solutions](#))
- WJEC Double ([1.3.1.f the treatment of the public water supply](#))
- WJEC Single ([1.2.1.f the treatment of the public water supply](#))

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*Will you use this article and resources with your students? What would make it more useful to you in the classroom? Let us know: [eic@rsc.org](mailto:eic@rsc.org)*

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