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processes - burning a candle Ruth Amos ; The rock cycle Chris Otter ; Distillation Chris Otter ; pH scale Chris Otter ; Elements, mixtures and compounds Chris Otter ; 5 Chemistry: session plans for 14-16; Balancing equations - the Haber process Ruth Amos; Environmental chemistry - carbon dioxide in the dock Ruth Amos ; Sustainable development - the World Games 2040 Ruth Amos ; Electrolysis Chris Otter
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Microbes - the fight against disease

Sommario/riassunto

How to increase students' interest and engagement in science is a challenge shared by teachers around the world. Designing effective science lesson plans using drama and role play requires expertise across two very different subject areas and, as a consequence, many science teachers find it difficult to incorporate this technique into their teaching. This book provides busy teachers with ready-made lesson plans for teaching many abstract scientific principles in a fun and novel way that really engages students. Drawing on and combining the knowledge of biology, chemistry and physics educatio