

education in chemistry

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Investigating the art
and impact of fireworks



**REDUCE, REUSE,
COMPOST**

Making plastic bags
'biodegradable'

**TEACHING ORGANIC
MECHANISMS**

4 effective approaches
to guarantee success

**CLIMBING THE
CAREER LADDER**

Can promotion
come too early?



Inhoud → In de klas

- Investigate the [composition and life cycle of compostable plastics](#), with two worksheets, for 14–16 and 16–18 students.
- Discover the roles of [pH, solubility and polymerisation in paper preservation](#).
- Improve your classroom practice with these evidence-based teaching tips on [using animations effectively](#) and [boosting your students' self-belief](#).
- Boost your students' confidence with these approaches to [converting measurements and working with units](#).
- [Letting students make mistakes](#) can provide a valuable learning experience.
- Read the [four strategies guaranteed to help students grasp reaction mechanisms](#).
- Find out how to [devise definitions to avoid introducing misconceptions](#).
- Use these activities and analogies to [introduce the periodic table to 11–14 students](#).
- Show students how to [apply their existing knowledge to new contexts](#) and scenarios.

Take home points/ teachers ideas

Take home points

- Students need to become familiar with the layout and keywords associated with the periodic table but don't need to **memorise** it.
- Using a range of quick starter activities and games will support students in their learning of symbols.
- Ensure that students are secure in their understanding of basic chemical concepts, such as the particle model, physical and chemical properties, before asking them to identify trends within groups of elements.
- Students' understanding of observed trends in the periodic table will develop as they learn and apply ideas about atomic structure.

Inhoud → Als leraar



Young and in charge

18 SEPTEMBER 2019 | BY PHIL NAYLOR

Is promoting teachers early in their careers good for schools?



Keeping up to date

5 SEPTEMBER 2019 | BY NEIL GOALBY

Best practice for professional development

Inhoud → opinie

Can health and safety training ever be sexy?

24 SEPTEMBER 2019 | BY JAMES GAYNOR, DAVID DONAGHY

Maybe not, but it's vital



Academy rewards

19 SEPTEMBER 2019 | BY PAUL
MACLELLAN

And their reliance on non-QTS staff



A year in the prep room

11 SEPTEMBER 2019 | BY UNDERCOVER
TECHNICIAN

Technicians telling it how it is

Inhoud → analyse



Cheaper and simpler to study in Ireland

23 SEPTEMBER 2019 | BY JOHN O'DONOGHUE, MATTHEW SAMMON

Why Republic of Ireland universities appeal to UK students



Taking stock of 2019's results

27 AUGUST 2019 | BY MARIA BURKE

Exam entries and grades rise

Conclusie

- Leuk blad! Zeker de moeite waard om af en toe naar te kijken. Leuke originele proeven en ideeën voor in de klas.
- Gratis online te registreren!