

### Inhoud $\rightarrow$ In de klas

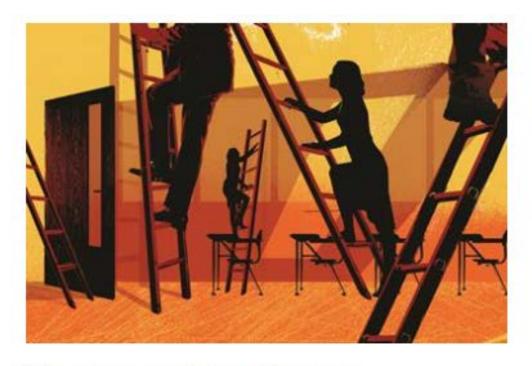
- Investigate the composition and life cycle of compostable plastics, with two worksheets, for 14–16 and 16–18 students.
- Discover the roles of pH, solubility and polymerisation in paper preservation.
- Improve your classroom practice with these evidence-based teaching tips on <u>using</u> <u>animations effectively</u> and <u>boosting your students' self-belief</u>.
- Boost your students' confidence with these approaches to <u>converting measurements</u> and working with units.
- <u>Letting students make mistakes</u> can provide a valuable learning experience.
- Read the <u>four strategies guaranteed to help students grasp reaction mechanisms.</u>
- Find out how to <u>devise definitions to avoid introducing misconceptions</u>.
- Use these activities and analogies to <u>introduce the periodic table to 11–14 students</u>.
- 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 $\rightarrow$ Als leraar



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### 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!