

Overview of the programme

The kNOw PLASTICS Educational Programme comprises 8 lessons targeting two student age groups: 6-10 and 11-15 years. It integrates the latest scientific research on plastics and uses innovative and fun learning tools. Through experiential learning, students find out about different types of plastics, which plastics are better to avoid and which plastics are safer to use. Students are empowered to become part of the solution to plastic pollution. The programme encourages students to be at the forefront of the global movement to protect our environment, animals and us.

Resources

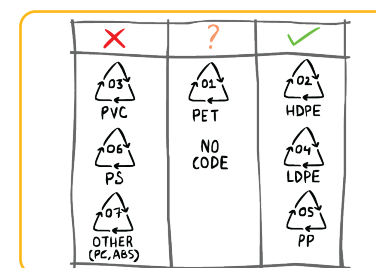
- 8 interactive lessons targeting two age groups: 6-10 and 11-15 years
- kNOw PLASTICS memory game, booklet and game rules
- Comprehensive lesson plans
- Student handouts
- Student information sheets
- Teacher information sheets
- Student and teacher questionnaires
- 'Stop one-time use' song audio file
- Certificates upon completion of the programme

Lesson details



Lesson 1 : An introduction to resin codes

Learn about the different types of plastics, discover how to identify the unsafe and safer plastics that we use in our daily lives, and be inspired to be part of the solution to the plastic problem!



Lesson 2 : Resin codes-how to identify plastics and avoid unsafe plastics

Build on Lesson 1 and learn how to identify the different types of plastics and which plastics to avoid. Teach your family about unsafe plastics and learn a fun song to help you remember this information.



Lesson 3 : The impacts of plastics-an introduction

Discover how plastics impact our health, animals and the environment. Learn more about the world of plastics while playing the fun kNOw PLASTICS memory game.



Lesson 4 : The impacts of plastics-effects on humans, animals and the environment

Continue learning about the impacts of plastics on our health, animals and the environment. Work together and teach others about the impacts of plastics or follow Emma and her friends as they discover how to be part of the solution to plastic pollution!



Lesson 5 : Disposables and reusable alternatives-an introduction

Learn about disposable plastics and reusable alternatives. Discover why disposable plastics are harmful to humans, animals and the environment and what reusable alternatives can be used instead.



Lesson 6 : Disposables and reusable alternatives

Continue learning about disposable plastics and reusable alternatives. Understand the specific impacts of disposable plastics on humans, animals and the environment and why it is better to change to reusable alternatives.



Lesson 7 : Spread the word

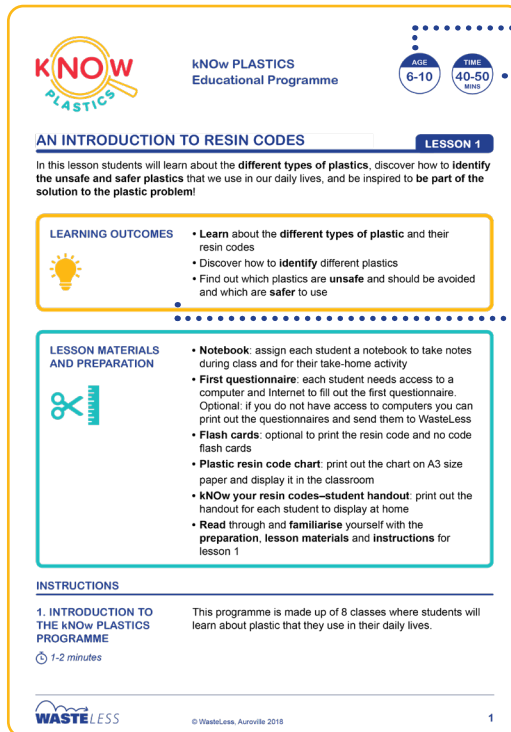
Review what you have learnt so far and create a poster to teach your family, friends, peers and school about unsafe and disposable plastics and the possible solutions to the plastics problem.



Lesson 8 : kNOW PLASTICS call to action!

Review what you have learnt so far and share what you would promise or wish to change in your own use of plastics.

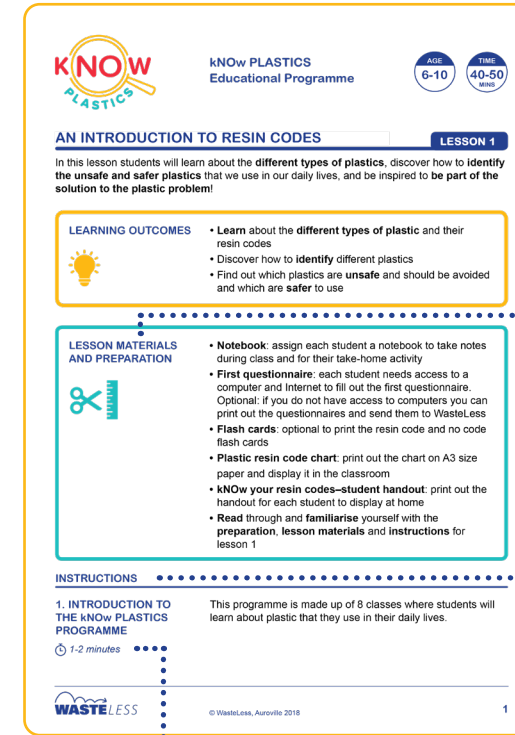
Understanding the Materials



Age category: lessons tailored to 6-10 and 11-15 years

Lesson duration: suggested 40-50 minutes per lesson

Learning outcomes: emphasising the key learning



Lesson preparation and materials: indicating the required preparation prior to the class including printing, organisation of materials, reading and familiarising oneself with the lesson content and steps

Lesson instructions: includes a range of learning methods such as lesson recaps, group work, memory game, worksheets, stories, presentations and a take-home activity to encourage students to bring knowledge back to their homes. Note: the take-home activity is a compulsory part of every lesson as it forms the basis of the recap for the next lesson

Programme duration: recommended

1 lesson per week to keep the momentum and engagement of students and to allow sufficient time for students to do the take-home activity in between lessons

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