

BIN IT!

LESSON THREE

RUBBISH: THE REASONS



Lesson outline

This lesson explores why certain groups of people litter and looks at how this behaviour can become a bad habit. Students will take part in a fun experiment on litter disposal, supported by a video from, Doc and Taylor. Students will then discuss how habitual behaviours are formed, the effects these can have, and whether they can be changed.

Learning Objectives

- To understand why people litter
- To explore whether attitudes and behaviours can be changed
- To understand how long litter takes to degrade

Learning Outcomes

- To understand why litter occurs and the damage that it causes
- To understand that littering can be a habit
- To discuss how attitudes can be changed and looking at different solutions to achieve this

Success Criteria (A=all, M=most, S=some)

- A. Recognise who does the littering
- M. Understand why
- S. Want to solve the problem

Lesson

1. Explain that today we are looking at why people litter. Hold up a soft drink can and a plastic bag and ask the class to vote quickly on which takes the longest to decompose. Show the litter breakdown powerpoint slide and discuss the facts it contains about the breakdown of litter. Agree the above learning outcomes with the class. (5 mins)
2. Next, tell students that they will be taking part in a fun, interactive 'Gloop' experiment with a little help from Doc and Taylor. Play the video clip and encourage students to complete the experiment as instructed by the scientists. (20 mins)

3. Split the class into small groups and ask them to discuss the experiment and what they learned about behaviours and habits. Do they think behaviours can be changed? How can certain behaviours, like littering, effect other people, the environment and our planet? Is there anything that can be done about this? Record answers on the whiteboard and form a five-point Plan of Action on what can be done about litter. (20 mins)
4. Play the final video clip of scientists Doc and Taylor who will explain what students are going to do and why. Hand out the 'Help to Bin it!' activity sheet and explain to students that they are going to form pairs and create an anti-litter campaign that will be presented to the class. Ask students to choose their partner and start to prepare a plan for their presentation. Ask the class to discuss what materials they will need to complete this task and decide who will be bringing what to the next lesson. (5 mins)
5. Check outcomes

Differentiation: will be achieved through group work.

Homework: Ask students to make sure they are prepared to present their campaign in the next session and to make sure they have all the materials they will need.

Target: NC 3/4

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Help to *Bin it!*

We need your help to spread the important message of putting litter in its place and help to *Bin it!* In your pairs you are challenged to create an anti-litter campaign that will incorporate the key findings from the *Bin it!* project as well as building on it with additional tasks.

Themes for the anti-litter campaign

To complete the assignment and create the campaign in pairs:

- Design, create and carry out a simple litter survey around the school or a selected hot spot for litter. Include what type of litter is being dropped, when and by whom
- Carry out an analysis (using web-based resources) on the cost of cleaning up the different types of litter and produce a simple report on the results
- Create a list/graph/table depicting the different groups of people who litter and the reasons why they might do this
- Produce a brief statement on how litter affects their local areas – schools/ neighbourhood/town
- Produce a brief statement on how litter can affect the natural environment
- Compose and agree a group commitment about how they will tackle the problem of littering, both individually and as a group
- Create a poem, jingle, poster or radio advert to promote the *Bin it!* anti-littering message

Extension work

- Create a persuasive piece to communicate through speaking and listening to discourage the dropping of litter
- Take photographs of littered areas around the school and make commentary board
- Create a news bulletin about the litter in your school (perhaps work with the above group)

The completed campaigns will be presented to the class with the option to display campaign elements around the school, to help spread anti-littering messages even further.