






## Summary

# Recycling metallic packaging



	<b>Target age</b>	
	Age: 14 - 19	
	<b>Level of difficulty</b>	
	<input type="checkbox"/> Easy <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	
	<b>Key words:</b>	
	<i>Metal recycling, redox reactions, electrochemistry.</i>	
	<b>Abstract of the activity:</b>	
	Students will practice easy test to discriminate iron and aluminium, and will set up an electrochemical plating cell.	
	<b>Learning Goals</b>	
	<ul style="list-style-type: none"> <li>• Understand the long recycling life of metals</li> <li>• Enhance the awareness on the importance of metal recycling</li> <li>• Redox processes and electroplating</li> </ul>	
	<b>Specific Abilities</b> - <i>At the end of the activity the student will be able to:</i>	
	<ul style="list-style-type: none"> <li>• Act in a chemistry laboratory with increasing confidence.</li> <li>• Recognize the typical metals used in packaging.</li> </ul>	

## Summary

### Cross-curricula Links



- Chemistry: redox reactions
- History of materials

### Prerequisites



- Basic chemistry laboratory practice

### Time requirement



2 h

It is necessary to work in a chemistry Lab

### Learning and Teaching Support Materials - What you can find in the toolkit



1. Teacher Card
2. Students' Card
3. Tutorial Video

RM  
Ambassadors

### Authors

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