

Overview	Pupils will understand the main concepts of responsible science.
Age Group	KS4
Subject	Science
Learning Objectives	<p>Some: Pupils engage in a discussion about what responsibility within science means, and how it can be taken forward into future careers</p> <p>Most: Pupils will think about responsibility within science, and differentiate between examples given.</p> <p>All: Pupils will understand the meaning of responsible science, and why it is important.</p>
National Curriculum	Not currently in the National Curriculum
Resources	<p>Responsible Science presentation</p> <p>Responsible Science worksheet</p>
Lesson Structure	<p>Introduction: Ask students in small groups to brainstorm what their definition of responsibility is. Write down in bullet points these ideas. Ask them to name 3 jobs where it is important to be responsible. Then ask the students to define responsible science.</p> <p>Task: Use powerpoint slides to introduce the concept of responsibility within science, encouraging students to take notes on the worksheet throughout the presentation. Use worksheet to decide whether examples given were examples of responsible science or not. Start a discussion with the pupils about why they think responsible science is important. Continue with powerpoint slides to explain why responsible science is important.</p> <p>Extension: Write down ideas as to what the examples of science could have done to be more responsible.</p> <p>Plenary: Ask students to look back at what their definition of responsible science was, and see if their opinion has changed now.</p>