

Lesson Plan

Science4Society week introduction/tutorial session

Learning Objectives

To introduce the concepts of 'ethical science' and 'technology justice'	To encourage students to use the S4S workbook throughout S4S week
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Learning Outcomes

Understanding of the terms science, technology, ethical science and technology justice

Resources

- Slide deck
- Student workbook – one for each student

Activity

30 minutes total

Using the PowerPoint slides

- Introduce S4S week
- Define science (as on the cover of the workbook)
- Explain how to use the workbook (years 7&8 to use it with their three science lessons during the week). All other students encouraged to think about and apply the ideas mainly during their science lessons and also during other subjects such as design, technology, geography.
- Ethical Science (2 minute discussion in pairs of the word pairs)
- Plenary discussion of key points
- How far do their responses reflect the 4 areas of Ethical Science – is it about...
 - the person and what they think?
 - the organisation they work for?
 - what they actually do?
 - the results of what they do?
- Medical research – facts and question 'Is it always ethical to fund more medical research?' (2 minute paired discussion)
- Plenary – their ideas and conclusions. How do their ideas fit with the '*What if...*' questions
- Students to note in work book key ideas about ethical science
- Technology Justice – definition (Students to note in work book) (2 minute discussion in different pairs of what technologies they **need**)
- Either 2 minute discussion in pairs or plenary discussion of the questions about the definition of Technology Justice
- Plan to use work book at the end of lessons and bring back to next week's tutor session