



25

1.5

3

EXPLORER
CHALLENGE:Build an argument 'for and against' using chemicals
in farming.

WHAT YOU NEED

Resource 2 (to support entire challenge)
Access to the internet and/or other research materials.

Resource 3

Resource 1



1

- **Explore** the use of pesticides and fertilisers in farming,
- **Examine** this locally if possible. Do you know anyone who works in agriculture who you could ask about this?

2

- **Consider** these questions when you are researching:
 - What are the effects of using these chemicals on the land, wildlife and humans?
 - What is the effect on the food produced?
 - Why are chemicals used in this way?
 - What are the benefits to the economy and trade?

3

- **Prepare** arguments 'for and against' the use of chemicals in agriculture using the information they have found out already. Use the drama activity sheet to organise ideas and responses.

4

- **Choose** one drama technique from resource 1 to help the students explore their 'for and against' ideas. Older students could organise a more formal **debate**, distributing roles and responsibilities within this accordingly



5

6

● **Call to action!** Present your learning visually as a '*For or Against Chemicals? You Decide!*' display board in a public area in your school.

● **Create** the opportunity for other students and adults to add their own comments and opinions to this display (e.g. through adding sticky notes). Make sure you tell people about this opportunity to contribute.

WHAT YOU NEED

Materials to create a display (coloured paper, labels etc.)

 **Count** how many people saw the display.

 **Count** how many people interacted with the display e.g. by putting a post-it on it.

Don't forget to **write** a blog and **upload** a photo of your display

EXPLORE FURTHER

Find out about the science of these chemicals.

How do they actually work? And what matter do they originate from?

Create some Chemical Fact Sheets that describe each chemical.

