

An Introduction to Responsibility within Science

Task One

Define responsibility:

Name three professions that require responsibility:

- 1.
- 2.
- 3.

Define scientific responsibility:

Task Two

Look at the scenarios below and determine which are examples of responsible science and explain why you think they are responsible or not

1. Before developing new technologies, a team of scientists hold focus groups to hear the input of non-academic voices.

2. A group of scientists use genetically modified bacteria or stem cell science and inform the media early on in the research.

3. A group of scientists decide on a research project and pursue it even when alternative options and opinions are suggested.

4. A team of scientists collaborate with other academic researchers from across the world to find out if prior research has already been done.

5. A group of scientists consider whether the research they are doing could impact the societal, environmental and economical landscape before conducting the research.

Extension: Suggest two more examples of responsible science.