

Activity sheet

Rubric: Persuasive essay

Name: _____

Class: _____

Criterion	Well above the standard (4)	Above the standard (3)	At the standard (2)	Working towards the standard (1)	Not shown (0)
Science as a Human Endeavour <i>Use and influence of science</i> Identify an organism or biological process and explains how it can be improved.	Explains the ways in which technology is applied and used to address a specific biological problem.	Describes ways in which technology is applied and used to address a specific biological problem.	Identifies several ways in which technology is applied and used to address a specific biological problem.	Identifies a way in which technology is applied and used to address a specific biological problem.	Not shown.
Science as a Human Endeavour <i>Use and influence of science</i> Describe the technology and how it can be applied.	Discusses and evaluates the implications of the use of a technology in solving the biological problem.	Discusses the implications of the use of a technology in solving the biological problem.	Describes implications of the use of a technology in solving the biological problem.	Identifies some implications of the use of a technology in solving the biological problem.	Not shown.
Science as a Human Endeavour <i>Use and influence of science</i> Suggest the likely career backgrounds of the scientists involved in its development.	Discusses and evaluates likely career backgrounds of the scientists involved in developing the new technology.	Discusses likely career backgrounds of the scientists involved in developing the new technology.	Describes likely career backgrounds of the scientists involved in developing the new technology.	Identifies some possible career backgrounds of some scientists involved in developing the new technology.	Not shown.
Science as a Human Endeavour <i>Use and influence of science</i> Evaluate the limitations or risks involved with the use of the technology.	Discusses and evaluates limitations or risks involved with the use of the technology.	Discusses limitations or risks involved with the use of the technology.	Describes limitations or risks involved with the use of the technology.	Identifies a few limitations or risks involved with the use of the technology.	Not shown.

Criterion	Well above the standard (4)	Above the standard (3)	At the standard (2)	Working towards the standard (1)	Not shown (0)
<p>Science as a Human Endeavour</p> <p><i>Use and influence of science</i></p> <p>Respond to the claim with a set of general recommendations, based on the evidence of your case study.</p>	<p>Recommends and justifies a set of principles for introducing a technological solution to the problem safely.</p>	<p>Recommends a set of principles for introducing a technological solution to the problem safely.</p>	<p>Lists a set of rules for introducing a technological solution to the problem safely.</p>	<p>Attempts to list a set of rules for introducing a technological solution to the problem safely.</p>	<p>Not shown.</p>
<p><i>Nature and development of science</i></p> <p>Respond to whether they think technological developments should always support scientific progress.</p>	<p>Responds to the question, justifying the opinion with several researched examples.</p>	<p>Responds to the question, justifying the opinion.</p>	<p>Responds to the question, and states reasons for the opinion.</p>	<p>Responds to the question.</p>	<p>Not shown.</p>
<p>Science Inquiry Skills</p> <p><i>Communicating</i></p> <p>Communicate using appropriate scientific language, conventions and representations.</p>	<p>Scientific language consistently used appropriately.</p> <p>Sources are documented correctly.</p>	<p>Scientific language usually used appropriately.</p> <p>Sources are documented correctly.</p>	<p>Scientific language used, but often inappropriately.</p> <p>There is an attempt to document sources correctly.</p>	<p>Attempts to apply scientific language, with limited effectiveness.</p> <p>There is no attempt to document sources.</p>	<p>Not shown.</p>

Grade:

A+	20	A	17-19	B	14-16	C	11-13	D	8-10	E	5-7	UG	<5
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