



Criterion D: Reflecting on the impacts of science

Maximum: 8

Rubric for debate in class or on a forum.

- i. explain the ways in which science is applied and used to address a specific problem or issue
- ii. discuss and evaluate the various implications of using scientific applications to solve a specific problem or issue
- iii. apply scientific language effectively
- iv. document the work of others and sources of information used.

All of the below must have a clear relation to the application of science			
	0	1	2
Viewpoint	Viewpoints are unclear and disorganized	Most viewpoints are clear	Viewpoints are clear and organized
Use of facts and examples	Arguments lack factual support	Most arguments are supported with facts and examples	Arguments are supported with facts and examples
Relevance of supporting arguments	Few supporting arguments are relevant	Many, but not all, supporting arguments are relevant	All supporting arguments are relevant
Strength of arguments	Arguments are not convincing	Some arguments are convincing	All arguments are convincing
Preparation	Student is unprepared to defend argument	Student needs more preparation	Student is well prepared
Documenting resources	Resources are not documented or in a completely erroneous format	Some attempt has been made to document resources properly	All resources have been documented in the APA format
Respecting others opinions	The opinions of other are not taken into account nor reflected upon and respected	The opinions of other are sometimes taken into account, reflected upon and respected.	The opinions of other are taken into account, reflected upon and respected
Speaking voice (only if debate is done in class)	Voice is difficult to hear	Voice is heard most of the time	Voice can always be heard
Format (only if debate is done in on a forum)	The format is unclear and confusing	The format need some improvements	The format is very clear and well structured
TOTAL out of 16		

Points	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16
Level	1	2	2	3	4	5	6	8