

Critical Inquiry and Problem Solving

Students will develop and communicate a range of interests and curiosities, engaging those interests and curiosities through critical thinking, reasoning, and problem solving

Artifact ID:

Review Team:

Primary Traits	Not Present	Developing	Established	Advanced	Gen Ed Goal
<u>Variety of ideas</u> evaluated		Describes a variety of ideas	Compares the value of a variety of ideas	Defends or refutes the value of a variety of ideas.	2.a & 4.a
<u>Quantitative reasoning</u> used to address a problem		Interprets a solution to a problem with sound quantitative reasoning	Predicts how various quantitative results may influence results of a problem	Executes logical reasoning utilizing quantitative reasoning	2.b
<u>Critical analysis</u> expressed through writing or speaking		Identifies a need for a critical analysis in writing or speaking	Develops a critical analysis in writing or speaking	Advocates a position based upon a solid critical analysis	2.a
The context of <u>other viewpoints</u> in developing arguments		Identifies alternative viewpoints which may or may not be relevant to an argument	Explains how viewpoints may or may not be relevant to an argument	Defends or refutes a variety of viewpoints in regard to a particular argument	4.a
Consideration of potential <u>moral and ethical</u> issues		Identifies potential moral and ethical issues related to a problem or situation	Explains the relevance of moral and ethical issues to a problem or situation	Predicts the impact of moral and ethical issues on a problem or situation	5.a
<u>Theories</u> to resolve moral issues		Identifies potential theories which may resolve ethical or moral issues	Explains a process for making ethically and morally-sound decisions	Justifies a particular ethical and moral stance	5.a
<u>Forces and consequences</u> that influence life		Defines forces or consequences which influence life	Explains how forces or consequences influence life	Predicts methods to prevent or support forces or consequences which influence life	11.a
<u>Development and use of technology</u> as it relates to society/environment		Identifies technology which relates to society/environment	Explains how technology may influence society or the environment	Advocates for or against the benefits or consequences of a particular technology on society or the environment	11.b
Uses <u>information from outside resources</u> responsibly		Accesses Information to articulate a position	Evaluates information used to articulate a position	Applies information in articulating a position	4.a
Self-Reflection (Elective)		Identifies their own experience(s) with critical inquiry or solving problems	Explains a lesson which was learned from their own experience(s) with critical inquiry or solving problems	Predicts how lessons learned will influence future thoughts/actions	UAS
Discipline knowledge (Elective)		Identifies disciplinary knowledge relevant to a critical inquiry or problem solving topic	Explains how disciplinary knowledge supports a critical inquiry or problem solving topic	Compares various sources of disciplinary knowledge as related to a critical inquiry or problem solving topic	UAS