Modifying the VALUE Rubrics to Assess the Entrepreneurial Mindset

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Need

The purpose of this work is to address the need for applied assessment of the KEEN Entrepreneurial Mindset and to explore how VALUE Rubrics can fill these gaps. By building from the existing rubrics and establishing a connection between the VALUE traits and the traits that KEEN aims to promote in students, it is hoped that they might be able to serve as a consistent and easily deployable assessment mechanism across courses and faculty.

Approach

Review

- Guiding Question: Are the VALUE Rubrics applicable for assessing the Entrepreneurial Mindset that KEEN promotes?
- Reviewed all sixteen VALUE rubrics and mapped to 3Cs

Reorganize

- Guiding Question: How might the components of the VALUE Rubrics be reorganized around the elements of the KEEN Framework?
- Extracted specific rubric rows and reorganized around three new rubrics Curiosity, Connections, Creating Value

Refine

- **Guiding Question**: How might these reorganized rubrics be modified and/or appended to better evaluate the KEEN Framework?
- Revised and appended resulting rubrics to fill gaps and mapped resulting outcomes to ABET

Next Steps

- 1) Feedback from constituent groups
- 2) Classroom testing
- 3) Evaluation of validity/reliability

Deliverables

Curiosity	Capstone		Milestones	Benchmark
Inquisitiveness	Asks complex questions about certain problems or	Asks deeper questions about certain problems	Asks simple or surface questions about certain issues.	States minimal interest in learning more about certain
(ABET-7)	issues, seeks out and articulates answers to these questions that reflect multiple perspectives.	and seeks out answers to these questions.		issues.
Skepticism			Questions some information and uses resources to help them find the	Sometimes questions information but doesn't use
(ABET-7)	possible resource to confirm or reject the information.	use resources to affirm their belief.	answer.	any resources to find the answer.
Openness	Initiates and develops interactions with people	Begins to initiate and develop interactions with	Expresses openness to most, if not all, interactions with people who	Receptive to interacting with people with differing views;
(ABET-5)	* *	people of differing perspectives; begins to suspend judgment in valuing interactions with others.	difficulty suspending judgment in	has difficulty suspending judgment in interactions with people of differing views/mindsets but is unaware of own judgement.
Thoroughness	Explores a topic in depth, yielding a rich awareness	Explores a topic in depth, yielding insight	Explores a topic with some evidence of depth, providing	Explores a topic at a surface level, providing little insight
(ABET-7)	and/or little-known information indicating intense interest in the subject.	and/or information indicating interest in the subject.	occasional insight and/or information indicating mild interest in the subject.	and/or information beyond the very basic facts indicating low interest in the subject.

Full rubric set available as handouts

Have feedback?
Take our survey!



Want to help with iteration and evaluation?

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EM VALUE Rubrics – ASEE 2019