Reflection Tool: Science/Engineering Habits of Practice

0 1 2 3 4

Never/Hardly Ever

Regular Routine in my Classroom

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Scientific Habits of Bractice	Doctor	Rating	Evidonco
Scientific Habits of Practice	Poster	0,1,2,3,4	Evidence
a) I ask questions about the natural and designed world.	Asking Questions Defining Problems Nor deat had work in hard rechard and work in hard work in ha	-,-,-,-,	
b) I develop or use models to represent natural or technological systems, make predictions, or construct explanations.	Models Models How con! Representing Season How con! How con!		
c) I plan and carry out investigations.	Planning and Carrying out Investigations which volutions my dowl leached my dowl leached my dowl		
d) I analyze and interpret data to derive meaning or compare solutions.	Analyzing and Interpreting Data What pollows or relationships are in my data? What so when the pollows of the		
e) I use mathematics and computational thinking for representing variables and their relationships.	Waing Mathematical Computational Thinking Now con the computations are related to the computations are related to the property of the computations are not pushing any start of the computations are not pushi		
f) I construct explanations (in science) or design solutions (in engineering).	Explanations and Designing Solutions Invo does the evidence support of the evi		
g) I engage in argument from evidence to develop explanations (in science) or best solutions (in engineering).	Evidence How does the evidence or supported by the evidence or supported b		
h) I obtain, evaluate , and communicate information clearly and persuasively.	Obtaining, Evaluating, and Commanicating Information New can I use words to share my understanding? Will bables, graphs, diagrams or models help thinking?		
 i) I think about my own thinking (metacognition) and ways my understanding is developing. 	Think about my Thinking Fist. I did.		