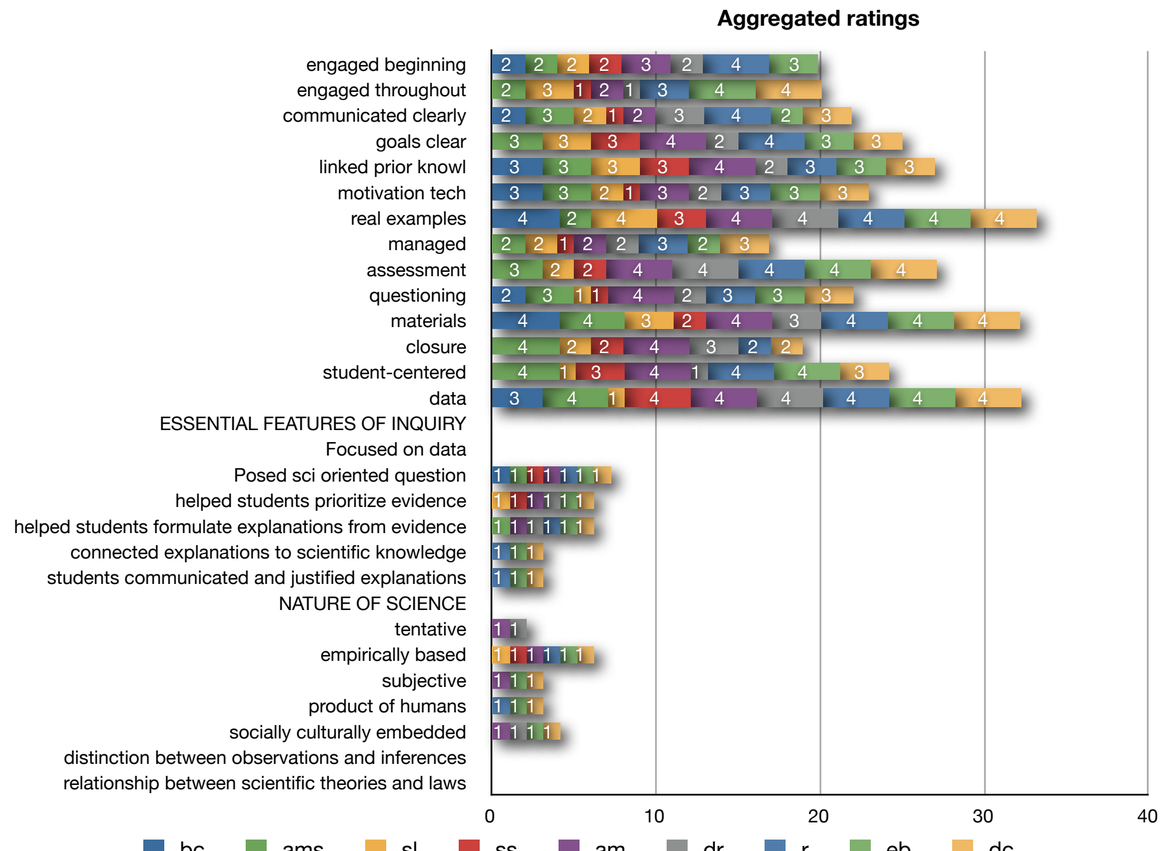	bc	ams	sl	ss	am	dr	r	eb	dc	sum	notes
engaged beginning	2	2	2	2	3	2	4	3		20	
engaged throughout		2	3	1	2	1	3	4	4	20	
communicated clearly	2	3	2	1	2	3	4	2	3	22	
goals clear		3	3	3	4	2	4	3	3	25	
linked prior knowl	3	3	3	3	4	2	3	3	3	27	
motivation tech	3	3	2	1	3	2	3	3	3	23	
real examples	4	2	4	3	4	4	4	4	4	33	
managed		2	2	1	2	2	3	2	3	17	
assessment		3	2	2	4	4	4	4	4	27	
questioning	2	3	1	1	4	2	3	3	3	22	
materials	4	4	3	2	4	3	4	4	4	32	
closure		4	2	2	4	3	2		2	19	
student-centered		4	1	3	4	1	4	4	3	24	
data	3	4	1	4	4	4	4	4	4	32	
ESSENTIAL FEATURES OF INQUIRY											
Focused on data										0	nobody knew th
Posed sci oriented question	1	1		1	1		1	1	1	7	
helped students prioritize evidence			1	1	1	1		1	1	6	
helped students formulate explanations from evidence		1			1	1	1	1	1	6	
connected explanations to scientific knowledge							1	1	1	3	
students communicated and justified explanations							1	1	1	3	
NATURE OF SCIENCE											
tentative					1	1				2	
empirically based			1	1	1		1	1	1	6	
subjective					1			1	1	3	
product of humans							1	1	1	3	
socially culturally embedded					1	1		1	1	4	
distinction between observations and inferences										0	
relationship between scientific theories and laws										0