Standard R4.1: Completers' Teaching Effectiveness All scores are mean values													
Data Literacy Project Score of 1 to 3 (3 highest)							Culminating Research Project Score of 1 to 3 (3 highest)						
	Spring 2019 n=4	Fall 2019 n=1	Spring 2020	Spring 2021 n=4	Spring 2022 n=5	Overall n=14		Spring 2019 n=3	Fall 2019 n=1	Spring 2020	Spring 2021 n=4	Spring 2022 n=5	Overall n=13
Item 3: Knowledge of curriculum standards-Fully exhibits knowledge of curriculum standards in their discipline.	3	3	Pandemic affected successful completion of project by completers	3	3	3.00	Item 14: Conclusions-Conclusion of the study are insightful and discussed in the context of educational arena.	2.33	3	Pandemic affected successful completion of project by completers	2.25	3	2.65
Item 4: Learning activities aligned with national standards-Plans lessons and units that effectively addressed appropriate learning goals, including those that addressed local, state, and national standards and legislative mandates.	2.75	2		3	3	2.69	Item 15: Implications-Implications of the results are insightful and discusses in the context of educational arena.	3	3		2.5	3	2.88
Item 5: Complexity of learning activities-Uses learning activities that integrated essential subject area knowledge and skills.	2.75	3		2	3	2.58							
Item 16: Evidence of collaboration-The report provides strong evidence of collaboration with colleagues, administrators, and parent/family.	2.75	3		2.75	3	2.83							
Item 17: Use of references and research-The report provides strong evidence of using relevant research from the field (at least 8 citations)	3	3		2.75	3	2.92							
Item 19: Future directions-The reflective commentary clearly indicates plans for future improvement of instruction centered on specific coments regarding teaching practices and student learning.	2.75	3		3	3	2.92							

Standard R4.1: Impact of Completers on P-12 Learning and Development
All scores are mean values

Data Literacy Project
Score of 1 to 3 (3 highest)

Item	Spring 2019 n=4	Fall 2019 n=1	Spring 2020	Spring 2021 n=4	Spring 2022 n=5	Overall n=14
Item 1: Classroom Context-The description of student background information and classroom context is clear and thorough.	2.75	3	Pandemic affected successful completion of project by completers	3	3	2.94
Item 2: Student cognitive differences-Students' cognitive differences are clearly and thoroughly explained.	3	3		3	3	3.00
Item 6: Student engagement-Fully implements techniques related to student engagement and communication including selecting high quality tasks and a range of questioning strategies.	2.75	3		2.5	3	2.75
Item 7: Student assessments-Assessments provided accurate information about students' prior knowledge, misconceptions, and understanding of main concepts and applications.	3	3		2.25	3	2.75
Item 8: Pre- and Post-Assessments-Uses learning activities that included pre-/post-assessments (each with an answer key) to analyze effective	3	3		2.5	3	2.83
Item 9: Data reading student performance-Pre- and post-assessment data are presented.	3	3		3	3	3.00
Item 10: Data presentation and interpretation-The presentation and interpretation of data is accurate and meaningful	2.75	2		2.5	3	2.75
Item 11: Visual aid representing data-Visual aid represents data accurately and shows an understanding of the use of educational stratistics to show test scores.	3	3		3	3	3.00
Item 12: Use of central tendency and dispersion-Measure of central tendency and dispersion	3	2		3	3	3.00
Item 13: Impact on student learning-The results from data analysis clearly indicate how the candidates impacted student learning in a positive way.	2.75	3		3	3	2.92
Item 14: Justification of selecting students-Clear justification of how the three students were selected, for an in-depth study of their content learning, is	2.75	3		3	3	2.92
Item 15:Impact on individual learng-The results from the three students clearly indicate the effectiveness of learning activities on a range of students.	2.75	3		3	3	2.92
Item 18: Reflective commentary-The reflective commentary is based on data generated from students and a high level of collaboration with colleagues,	2.75	3		3	3	2.94

Culminating Research Project
Score of 1 to 3 (3 highest)

Item	Spring 2019 n=3	Fall 2019 n=1	Spring 2020	Spring 2021 n=4	Spring 2022 n=5	Overall n=13
Item 10: Complexity of data analysis-The data analysis is complex (measures of central tendency, dispersion, inferential statistics, if quantitative; interviews, field notes, document analysis, if qualitative).	2	2	Pandemic affected successful completion of project by completers	2.25	3	2.42
Item 11: Data presentation and interpretation-The presentation and interpretation of data is accurate and meaningful.	2.33	2		2.75	3	2.69
Item 12: Findings-Trends or patterns from data are clearly identified and presented.	2.33	2		2	3	2.44
Item 13: Discussion-Description of meanings of findings creates new knowledge and understanding about the subject.	2.33	2		2	3	2.44