

Overall data

	Amplify	Carolina Smithsonian	TWIG Science
Field Test Data			
Lesson Observations	Amplify Lesson Observation Data	Carolina Lesson Observation Data	TWIG Lesson Observation Data
Scored Student Artifacts	Amplify Student Artifacts	Carolina Student Artifacts	TWIG Student Artifacts
Educator Evaluation Results (overall)	Amplify Summary Data	Carolina Summary Data	TWIG Summary Data
Part 1 (Oregon Baseline Criteria)	2.76	2.48	2.22
Part 2 (Equitable Student	2.58	2.11	2.01
Part 3 (Technical Usability Criteria)	2.60	2.19	2.07
Part 4 (Assessment Criteria)	2.68	2.18	2.13
Field Test Educator Final	21.44	17.44	14.11
Overall respondents:	19/24	19/27	16/23

Overall data

	Amplify	Carolina Smithsonian	TWIG Science
<u>K-5 Science Family Night Data</u>	% reflects the number of participants that ranked the curriculum with a green smiley face. See slide deck for more details & narrative.		
Expectations & Anticipation	84%	60%	44%
Content Relevance	57%	79%	53%
Engagement Potential	81%	66%	33%
Communications & Support Expectation	57%	79%	53%

Overall Empirical Data

			Amplify	Carolina	TWIG
Part 1	Criterion 1.1	1. 3-D Integration	2.81	2.73	2.38
		Line 7	3.00	2.67	2.53
		Line 8	2.75	2.73	2.40
		Line 9	2.80	2.67	2.33
		2. Nature of Science	2.67	2.47	2.13
		3. Transdisciplinary Connections	2.71	2.33	2.13
	Criterion 1.2	1. Phenomena Driven	2.94	2.60	2.19
		Line 17	2.88	2.27	2.06
		Line 18	2.75	2.53	2.19
		2. Sense-Making/Problem Solving	2.81	2.53	2.13
		Line 20	2.69	2.47	2.38
	Criterion 1.3	1. Coherent Storylines	2.94	2.60	2.20
		2. Developmental Progression	2.69	2.40	2.27
		Line 27	2.44	2.00	1.93
		3. Student Agency	2.50	2.27	2.00
Part 2	Criterion 2.1	1. Relevance	2.75	2.20	2.00
		Line 7	2.75	2.53	2.27
		2. Collaborative Learning	2.81	2.67	2.67
		3. Individual Student Adaptability	2.19	2.00	2.00
	Criterion 2.2	1. Asset-based Perspective	2.50	2.00	1.73
		2. Frames of Reference	2.31	1.77	1.73
		Line 16	2.63	2.14	2.13
		3. Inclusive Cultural Views	2.50	1.73	1.64
		Line 18	2.56	2.07	1.87
Line 19	2.75	2.00	2.07		
Part 3	Criterion 3.1	1. Supporting Guidance	2.81	2.71	2.20
		2. Science Knowledge for Teaching	2.81	2.64	2.40
		3. Home Connection	2.44	1.93	2.14
	Criterion 3.2	1. Strategies for Special Populations	2.50	1.93	1.79
		2. Student Differentiation	2.50	2.07	1.80
		3. Emergent Multilingual Student Support	2.44	2.14	1.73
	Criterion 3.3	1. Materials Usability	2.63	2.14	1.53
		Line 21	2.62	1.77	2.71
		2. Kit Organization	2.50	2.29	2.07
3. Media Integration	2.75	2.29	2.33		
Part 4	Criterion 4.1	1. Clarity of Learning Goals	2.93	2.64	2.47
		2. Elicitation of Evidence	2.67	2.21	2.13
		3. Interpretation of Feedback	2.53	1.93	1.93
		4. Action and Adjustment	2.87	1.86	2.00
	Criterion 4.2	1. Alignment	2.73	2.50	2.53
		2. Cultural Affirmation	2.53	1.93	1.80
		3. Authenticity	2.67	2.43	2.07
		4. Clarity and Feedback	2.47	1.93	2.13

Overall Average (by Part)	Amplify	Carolina	TWIG
Part 1 (Oregon Baseline Criteria)	2.76	2.48	2.22
Part 2 (Equitable Student Engagement and Cultural Pedagogy Crit	2.58	2.11	2.01
Part 3 (Technical Usability Criteria)	2.60	2.19	2.07
Part 4 (Assessment Criteria)	2.68	2.18	2.13

Final Recommendation Weighted Average:				Amplify	Carolina	TWIG
1 - 5wt	31	16	6	21.44		
2 - 3wt	8	20	25		17.44	
3 - 1wt	14	17	22			14.11