

Addendum Report Evidence 1.2 Data Exit Survey, InTASC Dispositions

The following tables present the program data of the InTASC dispositions examined in the Exit Survey. The candidates answered the question of "How competent you feel regarding the dispositions promoted by the Teaching Preparation Program". To answer they used the following scale: 1 = Poorly Competent, 2 = Moderately Competent, 3 = Competent and 4 = Very Competent. The meaning of the letters used in the tables are the following: N = Number of students evaluated and M = The average obtained by the students evaluated. Averages of three or more means that students are considered competent or very competent in the evaluated dispositions.

Pre-School and Elementary Programs (Pages 1-3)

InTASC Dispositions	Pre-School Education			Kindergarten to Third Grade			Fourth to Sixth Grade			Teaching English to Spanish Speakers			Special Education		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Standard 1: Student Development															
1) Respect learners' differing strengths and learning needs.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =4.00	N= 12 M = 3.92
2) Use learners' strengths as a basis for growth.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =4.00	N= 12 M = 3.92
3) Promote learners' intellectual, socio-emotional and cultural growth and development.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =4.00	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.50	N= 12 M = 3.83
4) Value the input and contributions of families, and colleagues to support students' development.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.40	N= 4 M =3.75	N= 12 M = 3.75
Standard 2: Learning Differences															
5) Establish high levels and persist in helping each learner reach his/her full potential.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =4.00	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.50	N= 12 M = 3.92
6) Respect learners as individuals with differing personal and family backgrounds.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =4.00	N= 4 M =4.00	N= 3 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =4.00	N= 4 M =4.00	N= 12 M = 3.92
7) Make learners feel valued and helps them learn to value each other.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =4.00	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =4.00	N= 4 M =4.00	N= 12 M = 3.92
Standard 3: Learning Environments															
8) Establish positive and supportive learning environments.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =4.00	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =4.00	N= 12 M = 3.92
9) Value the role of learners in promoting each other's learning.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =4.00	N= 12 M = 3.92
10) Facilitate and value learners and they work collaboratively and independently.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.40	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.92
11) Foster respectful communication among all members of the learning community.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.92
12) Be a thoughtful and responsive listener and observer.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =4.00	N= 4 M =3.75	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.50	N= 12 M = 3.92
Standard 4: Content Knowledge															
13) Recognize that content knowledge is complex, culturally situated, and ever evolving.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.88	N= 5 M =3.80	N= 4 M =3.25	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =3.00	N= 2 M =4.00	*	N= 5 M =3.20	N= 4 M =3.75	N= 12 M = 3.75
14) Appreciate multiple perspectives within the discipline and facilitates learners' critical analysis of these perspectives.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.25	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.20	N= 4 M =3.75	N= 12 M = 3.83

InTASC Dispositions	Pre-School Education			Kindergarten to Third Grade			Fourth to Sixth Grade			Teaching English to Spanish Speakers			Special Education		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
15) Recognize the potential of bias in his/her representation of the discipline and seeks to appropriately address problems of bias.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.75	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.20	N= 4 M =3.50	N= 12 M = 3.83
16) Commitment to work toward each learner's mastery of disciplinary content and skills.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.75	N= 4 M =4.00	N= 3 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.75	N= 12 M = 3.92
Standard 5: Application of Content															
17) Explore how to use disciplinary knowledge as a lens to address local and global issues.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.88	N= 5 M =3.40	N= 4 M =3.50	N= 4 M = 3.75	N= 5 M =3.80	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 4 M =3.00	N= 4 M =3.25	N= 12 M = 3.83
18) Value knowledge outside his/her own content area and how such knowledge enhances student learning.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.50	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.40	N= 4 M =3.25	N= 12 M = 3.83
19) Value flexible learning environments that encourage learner exploration, discovery, and expression across content areas.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.25	N= 12 M = 3.83
Standard 6: Assessment															
20) Engage learners in analyzing their own assessment results.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.88	N= 5 M =3.60	N= 4 M =3.75	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.40	N= 4 M =3.75	N= 12 M = 3.92
21) Analyze assessment data to understand patterns and gaps in learning, to guide planning and instruction.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.40	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.60	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.40	N= 4 M =3.75	N= 12 M = 3.92
22) Provide effective descriptive feedback to students about their academic progress.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =3.80	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.92
23) Identify when and how to evaluate and report learner progress against standards.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.60	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.75	N= 12 M = 3.83
24) Prepare learners for assessments and how to make accommodations in assessments and testing conditions, especially for learners with specific needs.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.40	N= 4 M =3.75	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =3.67	N= 5 M = 4.00	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =4.00	N= 12 M =3.92
25) Understand the range of types and multiple purposes of assessment and how to design, adapt, or select appropriate assessments to address specific learning goals and individual differences.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =3.80	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =3.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.67	N= 12 M = 3.92
Standard 7: Planning for Instruction															
26) Respect learners' diverse strengths and needs and is committed to using this information to plan effective instruction.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =3.67	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =4.00	N= 12 M = 3.92
27) Value planning as a collegial activity that takes into consideration the input of learners, colleagues, families, and the larger community.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.75	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.75	N= 12 M = 3.92
28) Take professional responsibility to use short- and long-term planning as a means of assuring student learning.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.92
29) Recognize plans must always be open to adjustment and revision based on learner needs and changing circumstances.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.88	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =4.00	N= 12 M = 3.92

InTASC Dispositions	Pre-School Education			Kindergarten to Third Grade			Fourth to Sixth Grade			Teaching English to Spanish Speakers			Special Education		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Standard 8: Instructional Strategies															
30) Commitment to deepening awareness and understanding the strengths and needs of diverse learners, when planning and adjusting instruction.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.50	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.92
31) Value the variety of ways people communicate and encourage learners to develop and use multiple forms of communication.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.50	N= 12 M = 3.92
32) Explore how the use of new and emerging technologies can support and promote student learning.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.88	N= 5 M =3.80	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.75	N= 12 M = 3.92
33) Value flexibility and reciprocity in the teaching process as necessary for adapting instruction to learner responses, ideas, and needs.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.50	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.60	N= 4 M =3.75	N= 12 M = 3.92
Standard 9: Professional Learning and Ethical Practice															
34) Take responsibility for student learning and uses ongoing analysis and reflection to improve planning and practice.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =3.75	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.40	N= 4 M =3.75	N= 12 M = 3.92
35) Reflect about your own frames of reference culture, gender, language, abilities, and ways of knowing.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.25	N= 4 M = 3.50	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =3.50	*	N= 5 M =3.20	N= 4 M =3.50	N= 12 M = 3.83
36) Search opportunities to draw upon current education policy and research as sources of analysis and reflection to improve practice.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.60	N= 4 M =3.75	N= 4 M = 3.50	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.20	N= 4 M =3.25	N= 12 M = 3.75
37) Understand the expectations of the profession including codes of ethics, professional standards of practice, and relevant law and policy.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.75	N= 4 M =3.00	N= 4 M =3.00	N= 4 M = 3.50	N= 5 M =4.00	N= 3 M =3.67	N= 5 M = 3.60	N= 1 M =4.00	N= 2 M =3.50	*	N= 5 M =3.00	N= 4 M =3.25	N= 12 M = 3.67
Standard 10: Leadership and Collaboration															
38) Actively share responsibility for shaping and supporting the mission of his/her school as one of advocacy for learners and accountability for their success.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.50	N= 12 M = 3.75
39) Respect families' beliefs, norms, and expectations and seeks to work collaboratively with learners and families in setting and meeting challenging goals.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.75
40) Take initiative to grow and develop with colleagues through interactions that enhance practice and support student learning.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 3.88	N= 5 M =4.00	N= 4 M =4.00	N= 4 M = 3.75	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.83
41) Take responsibility for contributing to and advancing the profession.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =3.50	*	N= 5 M =3.80	N= 4 M =3.75	N= 12 M = 3.92
42) Embrace the challenge of continuous improvement and change.	N= 2 M =4.00	N= 6 M =4.00	N= 8 M = 4.00	N= 5 M =3.80	N= 4 M =4.00	N= 4 M = 4.00	N= 5 M =4.00	N= 3 M =4.00	N= 5 M = 3.80	N= 1 M =4.00	N= 2 M =4.00	*	N= 5 M =4.00	N= 4 M =3.75	N= 12 M = 3.92

* There are no data available for two possible reasons; there are programs that do not graduate students every year or because no student of those programs completed the questionnaire.

Secondary Education Teaching English to Spanish Speakers, Mathematics, Spanish, Biology and Physics (Pages 4-6)

InTASC Dispositions	Secondary Education Teaching English to Spanish Speakers			Secondary Education Mathematics			Secondary Education Spanish			Secondary Education Biology			Secondary Education Physics		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Standard 1: Student Development															
1) Respect learners' differing strengths and learning needs.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.82	*	*	*	*	*	N= 1 M = 4.00
2) Use learners' strengths as a basis for growth.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.40	N= 2 M =4.00	N= 11 M = 3.82	*	*	*	*	*	N= 1 M =4.00
3) Promote learners' intellectual, socio-emotional and cultural growth and development.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 3.50	N= 5 M =3.60	N=1 M =4.00	N= 11 M = 3.64	*	*	*	*	*	N= 1 M = 4.00
4) Value the input and contributions of families, and colleagues to support students' development.	N= 8 M =3.63	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 3.50	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.27	*	*	*	*	*	N= 1 M = 4.00
Standard 2: Learning Differences															
5) Establish high levels and persist in helping each learner reach his/her full potential.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 3.50	N= 5 M =3.40	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00
6) Respect learners as individuals with differing personal and family backgrounds.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.73	*	*	*	*	*	N= 1 M = 4.00
7) Make learners feel valued and helps them learn to value each other.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.73	*	*	*	*	*	N= 1 M = 4.00
Standard 3: Learning Environments															
8) Establish positive and supportive learning environments.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.36	*	*	*	*	*	N= 1 M = 4.00
9) Value the role of learners in promoting each other's learning.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.64	*	*	*	*	*	N= 1 M = 4.00
10) Facilitate and value learners and they work collaboratively and independently.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.64	*	*	*	*	*	N= 1 M = 4.00
11) Foster respectful communication among all members of the learning community.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 3.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.73	*	*	*	*	*	N= 1 M = 4.00
12) Be a thoughtful and responsive listener and observer.	N= 8 M =4.00	*	N= 7 M = 3.86	N= 1 M =3.00	*	N= 2 M = 3.50	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.27	*	*	*	*	*	N= 1 M = 4.00
Standard 4: Content Knowledge															
13) Recognize that content knowledge is complex, culturally situated, and ever evolving.	N= 8 M =3.63	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 3.50	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M =4.00
14) Appreciate multiple perspectives within the discipline and facilitates learners' critical analysis of these perspectives.	N= 8 M =3.88	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 3.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.64	*	*	*	*	*	N= 1 M = 4.00
15) Recognize the potential of bias in his/her representation of the discipline and seeks to appropriately address problems of bias.	N= 8 M =3.75	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 3.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.82	*	*	*	*	*	N= 1 M = 4.00
16) Commitment to work toward each learner's mastery of disciplinary content and	N= 8	*	N= 7	N= 1	*	N= 2	N= 5	N= 2	N= 11	*	*	*	*	*	N= 1

InTASC Dispositions	Secondary Education Teaching English to Spanish Speakers			Secondary Education Mathematics			Secondary Education Spanish			Secondary Education Biology			Secondary Education Physics		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
skills.	M =3.88		M = 3.86	M =4.00		M = 3.50	M =3.60	M =4.00	M = 3.55						M = 4.00
Standard 5: Application of Content		*													
17) Explore how to use disciplinary knowledge as a lens to address local and global issues.	N= 8 M =3.75	*	N= 7 M = 3.71	N= 1 M =3.00	*	N= 2 M = 3.50	N= 5 M =3.20	N= 2 M =4.00	N= 11 M = 2.91	*	*	*	*	*	N= 1 M = 4.00
18) Value knowledge outside his/her own content area and how such knowledge enhances student learning.	N= 8 M =3.75	*	N= 7 M = 3.67	N= 1 M =3.00	*	N= 2 M = 3.50	N= 5 M =3.40	N= 2 M =4.00	N= 11 M = 3.27	*	*	*	*	*	N= 1 M = 4.00
19) Value flexible learning environments that encourage learner exploration, discovery, and expression across content areas.	N= 8 M =4.00	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 3.50	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.45	*	*	*	*	*	N= 1 M = 4.00
Standard 6: Assessment															
20) Engage learners in analyzing their own assessment results.	N= 8 M =3.88	*	N= 7 M = 3.71	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.36	*	*	*	*	*	N= 1 M = 4.00
21) Analyze assessment data to understand patterns and gaps in learning, to guide planning and instruction.	N= 8 M =3.75	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =3.50	N= 11 M = 3.73	*	*	*	*	*	N= 1 M = 4.00
22) Provide effective descriptive feedback to students about their academic progress.	N= 8 M =3.88	*	N= 7 M = 3.57	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =4.00	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00
23) Identify when and how to evaluate and report learner progress against standards.	N= 8 M =4.00	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.73	*	*	*	*	*	N= 1 M = 4.00
24) Prepare learners for assessments and how to make accommodations in assessments and testing conditions, especially for learners with specific needs.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 0 M =	*	N= 2 M = 4.00	N= 5 M =4.00	N= 2 M =4.00	N= 11 M = 3.36	*	*	*	*	*	N= 1 M = 4.00
25) Understand the range of types and multiple purposes of assessment and how to design, adapt, or select appropriate assessments to address specific learning goals and individual differences.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.73	*	*	*	*	*	N= 1 M = 3.00
Standard 7: Planning for Instruction															
26) Respect learners' diverse strengths and needs and is committed to using this information to plan effective instruction.	N= 8 M =4.00	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M =4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.45	*	*	*	*	*	N= 1 M = 4.00
27) Value planning as a collegial activity that takes into consideration the input of learners, colleagues, families, and the larger community.	N= 8 M =3.50	*	N= 7 M = 3.86	N= 1 M =3.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.09	*	*	*	*	*	N= 1 M = 4.00
28) Take professional responsibility to use short- and long-term planning as a means of assuring student learning.	N= 8 M =3.75	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.36	*	*	*	*	*	N= 1 M = 3.00
29) Recognize plans must always be open to adjustment and revision based on learner needs and changing circumstances.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00
Standard 8: Instructional Strategies															
30) Commitment to deepening awareness and understanding the strengths and needs of diverse learners, when planning and adjusting instruction.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00

InTASC Dispositions	Secondary Education Teaching English to Spanish Speakers			Secondary Education Mathematics			Secondary Education Spanish			Secondary Education Biology			Secondary Education Physics		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
31) Value the variety of ways people communicate and encourage learners to develop and use multiple forms of communication.	N= 8 M =3.75	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00
32) Explore how the use of new and emerging technologies can support and promote student learning.	N= 8 M =3.88	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 4.00	N= 5 M =3.40	N= 2 M =4.00	N= 11 M = 3.45	*	*	*	*	*	N= 1 M = 4.00
33) Value flexibility and reciprocity in the teaching process as necessary for adapting instruction to learner responses, ideas, and needs.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 4.00	N= 4 M =3.75	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00
Standard 9: Professional Learning and Ethical Practice															
34) Take responsibility for student learning and uses ongoing analysis and reflection to improve planning and practice.	N= 8 M =4.00	*	N= 7 M = 3.86	N= 1 M =3.00	*	N= 2 M = 4.00	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.64	*	*	*	*	*	N= 1 M = 4.00
35) Reflect about your own frames of reference culture, gender, language, abilities, and ways of knowing.	N= 8 M =3.50	*	N= 7 M = 3.86	N= 1 M =3.00	*	N= 2 M = 4.00	N= 5 M =4.00	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 3.00
36) Search opportunities to draw upon current education policy and research as sources of analysis and reflection to improve practice.	N= 8 M =4.00	*	N= 7 M = 4.00	N= 1 M =3.00	*	N= 2 M = 4.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.27	*	*	*	*	*	N= 1 M = 3.00
37) Understand the expectations of the profession including codes of ethics, professional standards of practice, and relevant law and policy.	N= 8 M =3.13	*	N= 7 M = 3.86	N= 1 M =3.00	*	N= 2 M = 4.00	N= 5 M =3.40	N= 2 M =4.00	N= 11 M = 3.18	*	*	*	*	*	N= 1 M = 4.00
Standard 10: Leadership and Collaboration															
38) Actively share responsibility for shaping and supporting the mission of his/her school as one of advocacy for learners and accountability for their success.	N= 8 M =3.63	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 3.00	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.27	*	*	*	*	*	N= 1 M = 4.00
39) Respect families' beliefs, norms, and expectations and seeks to work collaboratively with learners and families in setting and meeting challenging goals.	N= 8 M =3.50	*	N= 7 M = 3.86	N= 1 M =4.00	*	N= 2 M = 3.50	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.45	*	*	*	*	*	N= 1 M = 4.00
40) Take initiative to grow and develop with colleagues through interactions that enhance practice and support student learning.	N= 8 M =3.63	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 2.50	N= 5 M =3.80	N= 2 M =4.00	N= 11 M = 3.36	*	*	*	*	*	N= 1 M = 4.00
41) Take responsibility for contributing to and advancing the profession.	N= 8 M =3.75	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 2.50	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00
42) Embrace the challenge of continuous improvement and change.	N= 8 M =3.88	*	N= 7 M = 4.00	N= 1 M =4.00	*	N= 2 M = 2.50	N= 5 M =3.60	N= 2 M =4.00	N= 11 M = 3.55	*	*	*	*	*	N= 1 M = 4.00

* There are no data available for two possible reasons; there are programs that do not graduate students every year or because no student of those programs completed the questionnaire.

Secondary Education Chemistry, Science, Family Ecology, Physical Education and Business Education (Pages 7-9)

InTASC Dispositions	Secondary Education Chemistry			Secondary Education Science			Secondary Education Family Ecology			Secondary Education Physical Education			Secondary Education Business Education and Secretary		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Standard 1: Student Development															
1) Respect learners' differing strengths and learning needs.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 4.00	N= 1 M =3.00	*	*	N= 6 M =3.67	N= 5 M =3.80	N= 8 M = 3.75	N= 1 M =4.00	*	*
2) Use learners' strengths as a basis for growth.	N= 1 M =4.00	*	*	N= 2 M =4.00	N= 5 M =3.80	N= 2 M = 4.00	N= 1 M =3.00	*	*	N= 6 M =3.67	N= 5 M =4.00	N= 8 M = 3.88	N= 1 M =4.00	*	*
3) Promote learners' intellectual, socio-emotional and cultural growth and development.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 6 M =3.50	N= 5 M =3.60	N= 8 M = 3.75	N= 1 M =4.00	*	*
4) Value the input and contributions of families, and colleagues to support students' development.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 6 M =3.00	N= 5 M =3.20	N= 8 M = 3.50	N= 1 M =4.00	*	*
Standard 2: Learning Differences															
5) Establish high levels and persist in helping each learner reach his/her full potential.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 6 M =3.50	N= 5 M =3.60	N= 8 M = 3.88	N= 1 M =4.00	*	*
6) Respect learners as individuals with differing personal and family backgrounds.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 6 M =3.67	N= 5 M =3.80	N= 8 M = 3.63	N= 4.00	*	*
7) Make learners feel valued and helps them learn to value each other.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 6 M =3.83	N= 5 M =4.00	N= 8 M = 3.75	N= 1 M =4.00	*	*
Standard 3: Learning Environments															
8) Establish positive and supportive learning environments.	N= 1 M =4.00	*	*	N= 2 M =3.00	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =4.00	N= 8 M = 3.71	N= 1 M =4.00	*	*
9) Value the role of learners in promoting each other's learning.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.71	N= 5 M =4.00	N= 8 M = 3.75	N= 1 M =4.00	*	*
10) Facilitate and value learners and they work collaboratively and independently.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.86	N= 5 M =3.80	N= 8 M = 3.63	N= 1 M =4.00	*	*
11) Foster respectful communication among all members of the learning community.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.71	N= 5 M =4.00	N= 8 M = 3.63	N= 1 M =4.00	*	*
12) Be a thoughtful and responsive listener and observer.	N= 1 M =	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.29	N= 5 M =3.80	N= 8 M = 3.75	N= 1 M =4.00	*	*
Standard 4: Content Knowledge															
13) Recognize that content knowledge is complex, culturally situated, and ever evolving.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =4.00	N= 8 M = 3.50	N= 1 M =3.00	*	*
14) Appreciate multiple perspectives within the discipline and facilitates learners' critical analysis of these perspectives.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =4.00	N= 8 M = 3.75	N= 1 M =4.00	*	*
15) Recognize the potential of bias in his/her representation of the discipline and seeks to appropriately address problems of bias.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.43	N= 5 M =3.60	N= 8 M = 3.75	N= 1 M =4.00	*	*
16) Commitment to work toward each learner's mastery of disciplinary content and	N= 1	*	*	N= 2	N= 5	N= 2	N= 1	*	*	N= 7	N= 5	N= 8	N= 1	*	*

InTASC Dispositions	Secondary Education Chemistry			Secondary Education Science			Secondary Education Family Ecology			Secondary Education Physical Education			Secondary Education Business Education and Secretary		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
skills.	M =4.00			M =3.00	M =3.80	M = 4.00	M =4.00			M =3.71	M =4.00	M = 3.63	M =4.00		
Standard 5: Application of Content		*	*												
17) Explore how to use disciplinary knowledge as a lens to address local and global issues.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.43	N= 5 M =3.80	N= 8 M = 3.75	N= 0 M =	*	*
18) Value knowledge outside his/her own content area and how such knowledge enhances student learning.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =3.00	*	*	N= 7 M =3.14	N= 5 M =3.80	N= 8 M = 3.75	N= 1 M =4.00	*	*
19) Value flexible learning environments that encourage learner exploration, discovery, and expression across content areas.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =3.60	N= 8 M = 3.63	N= 1 M =4.00	*	*
Standard 6: Assessment															
20) Engage learners in analyzing their own assessment results.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.57	N= 4 M =3.50	N= 8 M = 3.88	N= 1 M =4.00	*	*
21) Analyze assessment data to understand patterns and gaps in learning, to guide planning and instruction.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.75	N= 1 M =4.00	*	*
22) Provide effective descriptive feedback to students about their academic progress.	N= 1 M =4.00	*	*	N= 2 M =3.00	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =2.00	*	*	N= 7 M =3.43	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
23) Identify when and how to evaluate and report learner progress against standards.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 7 M =3.86	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
24) Prepare learners for assessments and how to make accommodations in assessments and testing conditions, especially for learners with specific needs.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 7 M =3.43	N= 5 M =3.60	N= 8 M = 3.88	N= 1 M =4.00	*	*
25) Understand the range of types and multiple purposes of assessment and how to design, adapt, or select appropriate assessments to address specific learning goals and individual differences.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.43	N= 5 M =3.60	N= 8 M = 3.75	N= 1 M =4.00	*	*
Standard 7: Planning for Instruction															
26) Respect learners' diverse strengths and needs and is committed to using this information to plan effective instruction.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =3.00	*	*	N= 7 M =3.71	N= 5 M =3.80	N= 8 M = 3.75	N= 1 M =4.00	*	*
27) Value planning as a collegial activity that takes into consideration the input of learners, colleagues, families, and the larger community.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 4.00	N= 1 M =2.00	*	*	N= 7 M =3.14	N= 5 M =4.00	N= 8 M = 3.63	N= 1 M =4.00	*	*
28) Take professional responsibility to use short- and long-term planning as a means of assuring student learning.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 4.00	N= 1 M =2.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.63	N= 1 M =4.00	*	*
29) Recognize plans must always be open to adjustment and revision based on learner needs and changing circumstances.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.71	N= 5 M =4.00	N= 8 M = 3.88	N= 1 M =4.00	*	*
Standard 8: Instructional Strategies															
30) Commitment to deepening awareness and understanding the strengths and needs of diverse learners, when planning and adjusting instruction.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =3.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.75	N= 1 M =4.00	*	*
31) Value the variety of ways people communicate and encourage learners to develop	N= 1	*	*	N= 2	N= 5	N= 2	N= 1	*	*	N= 7	N= 5	N= 8	N= 1	*	*

InTASC Dispositions	Secondary Education Chemistry			Secondary Education Science			Secondary Education Family Ecology			Secondary Education Physical Education			Secondary Education Business Education and Secretary		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
and use multiple forms of communication.	M =4.00			M =3.50	M =4.00	M = 3.50	M =4.00			M =3.71	M =3.60	M = 3.71	M =4.00		
32) Explore how the use of new and emerging technologies can support and promote student learning.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =3.80	N= 2 M = 3.00	N= 1 M =4.00	*	*	N= 7 M =3.14	N= 5 M =3.60	N= 8 M = 3.75	N= 1 M =3.00	*	*
33) Value flexibility and reciprocity in the teaching process as necessary for adapting instruction to learner responses, ideas, and needs.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.00	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
Standard 9: Professional Learning and Ethical Practice															
34) Take responsibility for student learning and uses ongoing analysis and reflection to improve planning and practice.	N= 1 M =4.00	*	*	N= 2 M =3.00	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
35) Reflect about your own frames of reference culture, gender, language, abilities, and ways of knowing.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.00	N= 1 M =2.00	*	*	N= 7 M =3.43	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
36) Search opportunities to draw upon current education policy and research as sources of analysis and reflection to improve practice.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =4.00	N= 8 M = 3.88	N= 1 M =4.00	*	*
37) Understand the expectations of the profession including codes of ethics, professional standards of practice, and relevant law and policy.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =3.00	*	*	N= 7 M =3.43	N= 5 M =3.40	N= 8 M = 3.63	N= 1 M =4.00	*	*
Standard 10: Leadership and Collaboration															
38) Actively share responsibility for shaping and supporting the mission of his/her school as one of advocacy for learners and accountability for their success.	N= 1 M =4.00	*	*	N= 2 M =3.00	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 7 M =3.71	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
39) Respect families' beliefs, norms, and expectations and seeks to work collaboratively with learners and families in setting and meeting challenging goals.	N= 1 M =4.00	*	*	N= 2 M =3.50	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =4.00	*	*
40) Take initiative to grow and develop with colleagues through interactions that enhance practice and support student learning.	N= 1 M =4.00	*	*	N= 2 M =3.00	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 6 M =3.50	N= 5 M =3.60	N= 8 M = 3.88	N= 1 M =4.00	*	*
41) Take responsibility for contributing to and advancing the profession.	N= 1 M =4.00	*	*	N= 1 M =3.50	N= 5 M =4.00	N= 2 M = 3.50	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =3.80	N= 8 M = 3.88	N= 1 M =3.00	*	*
42) Embrace the challenge of continuous improvement and change.	N= 1 M =4.00	*	*	N= 1 M =4.00	N= 5 M =4.00	N= 2 M = 4.00	N= 1 M =4.00	*	*	N= 7 M =3.57	N= 5 M =4.00	N= 8 M = 3.88	N= 1 M =4.00	*	*

* There are no data available for two possible reasons; there are programs that do not graduate students every year or because no student of those programs completed the questionnaire.

Secondary Education History and Social Studies; K-12 Theater, Music and Art (Pages 10-12)

InTASC Dispositions	Secondary Education History			Secondary Education Social Studies			K-12 Theater			K-12 Music			K-12 Art		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Standard 1: Student Development															
1) Respect learners' differing strengths and learning needs.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M =4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
2) Use learners' strengths as a basis for growth.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
3) Promote learners' intellectual, socio-emotional and cultural growth and development.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.50	*	*	*
4) Value the input and contributions of families, and colleagues to support students' development.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.00	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =3.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 4.00	*	*	*
Standard 2: Learning Differences															
5) Establish high levels and persist in helping each learner reach his/her full potential.	N= 4 M =3.50	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.80	N= 1 M = 4.00	*	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M =3.00	*	*	*
6) Respect learners as individuals with differing personal and family backgrounds.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M = 4.00	*	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.50	*	*	*
7) Make learners feel valued and helps them learn to value each other.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	*	N= 1 M =4.00	N= 4 M = 3.75	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*
Standard 3: Learning Environments															
8) Establish positive and supportive learning environments.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 3.00	*	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*
9) Value the role of learners in promoting each other's learning.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.20	N= 1 M = 4.00	*	N= 1 M =3.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*
10) Facilitate and value learners and they work collaboratively and independently.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	*	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 4.00	*	*	*
11) Foster respectful communication among all members of the learning community.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.40	N= 1 M = 4.00	*	N= 1 M =3.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
12) Be a thoughtful and responsive listener and observer.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M = 4.00	*	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.50	*	*	*
Standard 4: Content Knowledge															
13) Recognize that content knowledge is complex, culturally situated, and ever evolving.	N= 4 M =3.50	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 4.00	*	*	*
14) Appreciate multiple perspectives within the discipline and facilitates learners' critical analysis of these perspectives.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*
15) Recognize the potential of bias in his/her representation of the discipline and seeks to appropriately address problems of bias.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.00	*	*	*
16) Commitment to work toward each learner's mastery of disciplinary content and skills.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*

InTASC Dispositions	Secondary Education History			Secondary Education Social Studies			K-12 Theater			K-12 Music			K-12 Art		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Standard 5: Application of Content															
17) Explore how to use disciplinary knowledge as a lens to address local and global issues.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M = 3.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.00	*	*	*
18) Value knowledge outside his/her own content area and how such knowledge enhances student learning.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*
19) Value flexible learning environments that encourage learner exploration, discovery, and expression across content areas.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*
Standard 6: Assessment								*		*					
20) Engage learners in analyzing their own assessment results.	N= 4 M =3.25	*	N= 1 M = 3.00	N= 2 M =3.00	N= 5 M =3.00	N= 1 M = 3.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.50	*	*	*
21) Analyze assessment data to understand patterns and gaps in learning, to guide planning and instruction.	N= 4 M =3.50	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.20	N= 1 M = 3.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.00	*	*	*
22) Provide effective descriptive feedback to students about their academic progress.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =2.50	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
23) Identify when and how to evaluate and report learner progress against standards.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.00	*	*	*
24) Prepare learners for assessments and how to make accommodations in assessments and testing conditions, especially for learners with specific needs.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.00	*	*	*
25) Understand the range of types and multiple purposes of assessment and how to design, adapt, or select appropriate assessments to address specific learning goals and individual differences.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =3.00	N= 5 M =3.60	N= 1 M = 4.00	N= 1 M =4.00	*	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
Standard 7: Planning for Instruction															
26) Respect learners' diverse strengths and needs and is committed to using this information to plan effective instruction.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =3.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.00	*	*	*
27) Value planning as a collegial activity that takes into consideration the input of learners, colleagues, families, and the larger community.	N= 4 M =3.25	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =3.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
28) Take professional responsibility to use short- and long-term planning as a means of assuring student learning.	N= 4 M =3.50	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.60	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
29) Recognize plans must always be open to adjustment and revision based on learner needs and changing circumstances.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 3.75	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
Standard 8: Instructional Strategies															
30) Commitment to deepening awareness and understanding the strengths and needs of diverse learners, when planning and adjusting instruction.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 3.75	*	N= 1 M =3.00	N= 2 M = 3.00	*	*	*
31) Value the variety of ways people communicate and encourage learners to develop and use multiple forms of communication.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 3.75	*	N= 1 M =3.00	N= 2 M = 3.50	*	*	*
32) Explore how the use of new and emerging technologies can support and promote	N= 4	*	N= 1	N= 2	N= 5	N= 1	N= 1	N= 1	N= 4	*	N= 1	N= 2	*	*	*

InTASC Dispositions	Secondary Education History			Secondary Education Social Studies			K-12 Theater			K-12 Music			K-12 Art		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
student learning.	M =4.00		M = 3.00	M =4.00	M =3.40	M = 3.00	M =4.00	M =4.00	M =4.00		M =4.00	M = 3.50			
33) Value flexibility and reciprocity in the teaching process as necessary for adapting instruction to learner responses, ideas, and needs.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 4.00	*	*	*
Standard 9: Professional Learning and Ethical Practice															
34) Take responsibility for student learning and uses ongoing analysis and reflection to improve planning and practice.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.20	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M =4.00	*	N= 1 M =3.00	N= 2 M = 3.00	*	*	*
35) Reflect about your own frames of reference culture, gender, language, abilities, and ways of knowing.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.00	*	*	*
36) Search opportunities to draw upon current education policy and research as sources of analysis and reflection to improve practice.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.40	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 3.75	*	N= 1 M =3.00	N= 2 M = 3.00	*	*	*
37) Understand the expectations of the profession including codes of ethics, professional standards of practice, and relevant law and policy.	N= 4 M =3.50	*	N= 1 M = 3.00	N= 2 M =3.00	N= 5 M =3.40	N= 1 M = 2.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.00	*	*	*
Standard 10: Leadership and Collaboration															
38) Actively share responsibility for shaping and supporting the mission of his/her school as one of advocacy for learners and accountability for their success.	N= 4 M =3.50	*	N= 1 M = 3.00	N= 2 M =3.00	N= 5 M =3.40	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
39) Respect families' beliefs, norms, and expectations and seeks to work collaboratively with learners and families in setting and meeting challenging goals.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =2.50	N= 5 M =3.60	N= 1 M = 4.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 4.00	*	*	*
40) Take initiative to grow and develop with colleagues through interactions that enhance practice and support student learning.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.60	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =3.00	N= 4 M = 4.00	*	N= 1 M =3.00	N= 2 M = 3.50	*	*	*
41) Take responsibility for contributing to and advancing the profession.	N= 4 M =3.75	*	N= 1 M = 3.00	N= 2 M =3.50	N= 5 M =3.60	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 3.50	*	*	*
42) Embrace the challenge of continuous improvement and change.	N= 4 M =4.00	*	N= 1 M = 3.00	N= 2 M =4.00	N= 5 M =3.60	N= 1 M = 3.00	N= 1 M =4.00	N= 1 M =4.00	N= 4 M = 4.00	*	N= 1 M =4.00	N= 2 M = 4.00	*	*	*

* There are no data available for two possible reasons; there are programs that do not graduate students every year or because no student of those programs completed the questionnaire.