

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

## Statewide Results

Total survey respondents: 479

Response rate: 33.1 %

### Engaging and Supporting All Students in Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

1. Use knowledge of students' strengths and prior experiences to engage them in learning	475	99.2%					
	<b>DNR</b>	<b>4</b>	<b>0.8%</b>				
1 = Not at all	2	0.4%	<table border="1"> <tr> <td>4.29</td> <td><b>Mean</b></td> </tr> <tr> <td>0.82</td> <td><b>SD</b></td> </tr> </table>	4.29	<b>Mean</b>	0.82	<b>SD</b>
4.29	<b>Mean</b>						
0.82	<b>SD</b>						
2 = Poorly	9	1.9%					
3 = Adequately	71	14.9%					
4 = Well	159	33.5%					
5 = Very well	234	49.3%					

2. Connect classroom learning to the real world	476	99.4%					
	<b>DNR</b>	<b>3</b>	<b>0.6%</b>				
1 = Not at all	4	0.8%	<table border="1"> <tr> <td>4.16</td> <td><b>Mean</b></td> </tr> <tr> <td>0.88</td> <td><b>SD</b></td> </tr> </table>	4.16	<b>Mean</b>	0.88	<b>SD</b>
4.16	<b>Mean</b>						
0.88	<b>SD</b>						
2 = Poorly	16	3.4%					
3 = Adequately	82	17.2%					
4 = Well	172	36.1%					
5 = Very well	202	42.4%					

3. Engage students in inquiry, problem solving, and reflection to promote their critical thinking	473	98.7%					
	<b>DNR</b>	<b>6</b>	<b>1.3%</b>				
1 = Not at all	5	1.1%	<table border="1"> <tr> <td>4.11</td> <td><b>Mean</b></td> </tr> <tr> <td>0.92</td> <td><b>SD</b></td> </tr> </table>	4.11	<b>Mean</b>	0.92	<b>SD</b>
4.11	<b>Mean</b>						
0.92	<b>SD</b>						
2 = Poorly	20	4.2%					
3 = Adequately	85	18.0%					
4 = Well	171	36.2%					
5 = Very well	192	40.6%					

4. Meet the instructional needs of English learners	475	99.2%					
	<b>DNR</b>	<b>4</b>	<b>0.8%</b>				
1 = Not at all	1	0.2%	<table border="1"> <tr> <td>4.08</td> <td><b>Mean</b></td> </tr> <tr> <td>0.89</td> <td><b>SD</b></td> </tr> </table>	4.08	<b>Mean</b>	0.89	<b>SD</b>
4.08	<b>Mean</b>						
0.89	<b>SD</b>						
2 = Poorly	16	3.4%					
3 = Adequately	114	24.0%					
4 = Well	155	32.6%					
5 = Very well	189	39.8%					

5. Identify and address special learning needs with appropriate teaching strategies	476	99.4%					
	<b>DNR</b>	<b>3</b>	<b>0.6%</b>				
1 = Not at all	1	0.2%	<table border="1"> <tr> <td>4.30</td> <td><b>Mean</b></td> </tr> <tr> <td>0.81</td> <td><b>SD</b></td> </tr> </table>	4.30	<b>Mean</b>	0.81	<b>SD</b>
4.30	<b>Mean</b>						
0.81	<b>SD</b>						
2 = Poorly	10	2.1%					
3 = Adequately	70	14.7%					
4 = Well	158	33.2%					
5 = Very well	237	49.8%					

### Creating and Maintaining Effective Environments for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

6. Engage students in cooperative group work as well as independent learning	475	99.2%					
	<b>DNR</b>	<b>4</b>	<b>0.8%</b>				
1 = Not at all	2	0.4%	<table border="1"> <tr> <td>4.16</td> <td><b>Mean</b></td> </tr> <tr> <td>0.88</td> <td><b>SD</b></td> </tr> </table>	4.16	<b>Mean</b>	0.88	<b>SD</b>
4.16	<b>Mean</b>						
0.88	<b>SD</b>						
2 = Poorly	17	3.6%					
3 = Adequately	87	18.3%					
4 = Well	164	34.5%					
5 = Very well	205	43.2%					

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7. Establish and maintain a safe and respectful learning environment for all students	475	99.2%	<table border="1"> <tr> <td>4.38</td> <td><b>Mean</b></td> </tr> <tr> <td>0.79</td> <td><b>SD</b></td> </tr> </table>	4.38	<b>Mean</b>	0.79	<b>SD</b>
4.38	<b>Mean</b>						
0.79	<b>SD</b>						
	<b>DNR</b> 4	0.8%					
1 = Not at all	2	0.4%					
2 = Poorly	5	1.1%					
3 = Adequately	66	13.9%					
4 = Well	138	29.1%					
5 = Very well	264	55.6%					

8. Create a productive learning environment with high expectations for all students	472	98.5%	<table border="1"> <tr> <td>4.32</td> <td><b>Mean</b></td> </tr> <tr> <td>0.81</td> <td><b>SD</b></td> </tr> </table>	4.32	<b>Mean</b>	0.81	<b>SD</b>
4.32	<b>Mean</b>						
0.81	<b>SD</b>						
	<b>DNR</b> 7	1.5%					
1 = Not at all	1	0.2%					
2 = Poorly	11	2.3%					
3 = Adequately	63	13.3%					
4 = Well	156	33.1%					
5 = Very well	241	51.1%					

9. Prevent behavior problems by intervening early using strategies matched to student's current learning and behavior level	477	99.6%	<table border="1"> <tr> <td>4.10</td> <td><b>Mean</b></td> </tr> <tr> <td>0.96</td> <td><b>SD</b></td> </tr> </table>	4.10	<b>Mean</b>	0.96	<b>SD</b>
4.10	<b>Mean</b>						
0.96	<b>SD</b>						
	<b>DNR</b> 2	0.4%					
1 = Not at all	5	1.0%					
2 = Poorly	27	5.7%					
3 = Adequately	88	18.4%					
4 = Well	154	32.3%					
5 = Very well	203	42.6%					

### Understanding and Organizing Subject Matter for Student Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

10. Develop curriculum to teach content standards effectively	467	97.5%	<table border="1"> <tr> <td>4.06</td> <td><b>Mean</b></td> </tr> <tr> <td>0.95</td> <td><b>SD</b></td> </tr> </table>	4.06	<b>Mean</b>	0.95	<b>SD</b>
4.06	<b>Mean</b>						
0.95	<b>SD</b>						
	<b>DNR</b> 12	2.5%					
1 = Not at all	7	1.5%					
2 = Poorly	20	4.3%					
3 = Adequately	95	20.3%					
4 = Well	163	34.9%					
5 = Very well	182	39.0%					

11. Use effective instructional strategies to teach specific subject matter and skills	466	97.3%	<table border="1"> <tr> <td>4.14</td> <td><b>Mean</b></td> </tr> <tr> <td>0.87</td> <td><b>SD</b></td> </tr> </table>	4.14	<b>Mean</b>	0.87	<b>SD</b>
4.14	<b>Mean</b>						
0.87	<b>SD</b>						
	<b>DNR</b> 13	2.7%					
1 = Not at all	3	0.6%					
2 = Poorly	16	3.4%					
3 = Adequately	84	18.0%					
4 = Well	173	37.1%					
5 = Very well	190	40.8%					

12. Select, adapt, and develop materials, resources, and technologies to make subject matter accessible to all students	466	97.3%	<table border="1"> <tr> <td>4.16</td> <td><b>Mean</b></td> </tr> <tr> <td>0.87</td> <td><b>SD</b></td> </tr> </table>	4.16	<b>Mean</b>	0.87	<b>SD</b>
4.16	<b>Mean</b>						
0.87	<b>SD</b>						
	<b>DNR</b> 13	2.7%					
1 = Not at all	2	0.4%					
2 = Poorly	13	2.8%					
3 = Adequately	92	19.7%					
4 = Well	161	34.5%					
5 = Very well	198	42.5%					

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13. Expand expertise with evidence-based instructional and assistive technology to support student access to challenging content	467	97.5%
	<b>DNR</b> 12	2.5%
1 = Not at all	2	0.4%
2 = Poorly	27	5.8%
3 = Adequately	89	19.1%
4 = Well	162	34.7%
5 = Very well	187	40.0%

4.08	<b>Mean</b>
0.93	<b>SD</b>

### Planning Instruction and Designing Learning Experiences for All Students

How well did your teacher preparation program prepare you to do each of the following as a teacher?

14. Plan instruction based on students' prior knowledge, academic readiness, language proficiency, cultural background, and individual development	468	97.7%
	<b>DNR</b> 11	2.3%
1 = Not at all	1	0.2%
2 = Poorly	14	3.0%
3 = Adequately	80	17.1%
4 = Well	168	35.9%
5 = Very well	205	43.8%

4.20	<b>Mean</b>
0.84	<b>SD</b>

15. Plan and adapt instruction that incorporates appropriate strategies, resources and technologies to meet the learning needs of all students	469	97.9%
	<b>DNR</b> 10	2.1%
1 = Not at all	1	0.2%
2 = Poorly	12	2.6%
3 = Adequately	75	16.0%
4 = Well	167	35.6%
5 = Very well	214	45.6%

4.24	<b>Mean</b>
0.83	<b>SD</b>

16. Develop IFSP/IEP goals and objectives that are measurable and obtainable	470	98.1%
	<b>DNR</b> 9	1.9%
1 = Not at all	5	1.1%
2 = Poorly	28	6.0%
3 = Adequately	77	16.4%
4 = Well	160	34.0%
5 = Very well	200	42.6%

4.11	<b>Mean</b>
0.96	<b>SD</b>

17. Plan for instruction by incorporating all relevant IFSP/IEP information behavior and academic information	470	98.1%
	<b>DNR</b> 9	1.9%
1 = Not at all	4	0.9%
2 = Poorly	30	6.4%
3 = Adequately	89	18.9%
4 = Well	156	33.2%
5 = Very well	191	40.6%

4.06	<b>Mean</b>
0.96	<b>SD</b>

18. Ensure students with exceptionalities receive appropriate instruction and support within the least restrictive environment	468	97.7%
	<b>DNR</b> 11	2.3%
1 = Not at all	3	0.6%
2 = Poorly	15	3.2%
3 = Adequately	73	15.6%
4 = Well	147	31.4%
5 = Very well	230	49.1%

4.25	<b>Mean</b>
0.88	<b>SD</b>

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### Assessing Students for Learning

How well did your teacher preparation program prepare you to do each of the following as a teacher?

19. Develop and use assessment data from a variety of sources to establish learning goals and to plan, differentiate, and modify instruction	462	96.5%	<table border="1"> <tr> <td>4.16</td> <td><b>Mean</b></td> </tr> <tr> <td>0.88</td> <td><b>SD</b></td> </tr> </table>	4.16	<b>Mean</b>	0.88	<b>SD</b>
4.16	<b>Mean</b>						
0.88	<b>SD</b>						
<b>DNR</b>	17	3.5%					
1 = Not at all	2	0.4%					
2 = Poorly	18	3.9%					
3 = Adequately	83	18.0%					
4 = Well	160	34.6%					

5 = Very well 199 43.1%

20. Involve all students in self-assessment, goal setting, and monitoring progress	456	95.2%	<table border="1"> <tr> <td>3.97</td> <td><b>Mean</b></td> </tr> <tr> <td>0.98</td> <td><b>SD</b></td> </tr> </table>	3.97	<b>Mean</b>	0.98	<b>SD</b>
3.97	<b>Mean</b>						
0.98	<b>SD</b>						
<b>DNR</b>	23	4.8%					
1 = Not at all	7	1.5%					
2 = Poorly	27	5.9%					
3 = Adequately	102	22.4%					
4 = Well	155	34.0%					

5 = Very well 165 36.2%

21. Give productive feedback to students to guide their learning	460	96.0%	<table border="1"> <tr> <td>4.14</td> <td><b>Mean</b></td> </tr> <tr> <td>0.90</td> <td><b>SD</b></td> </tr> </table>	4.14	<b>Mean</b>	0.90	<b>SD</b>
4.14	<b>Mean</b>						
0.90	<b>SD</b>						
<b>DNR</b>	19	4.0%					
1 = Not at all	6	1.3%					
2 = Poorly	15	3.3%					
3 = Adequately	78	17.0%					
4 = Well	172	37.4%					

5 = Very well 189 41.1%

22. Collect and utilize data to ensure educational benefit when aligning assessment data with goals and services within the least restrictive environment	462	96.5%	<table border="1"> <tr> <td>4.11</td> <td><b>Mean</b></td> </tr> <tr> <td>0.90</td> <td><b>SD</b></td> </tr> </table>	4.11	<b>Mean</b>	0.90	<b>SD</b>
4.11	<b>Mean</b>						
0.90	<b>SD</b>						
<b>DNR</b>	17	3.5%					
1 = Not at all	2	0.4%					
2 = Poorly	20	4.3%					
3 = Adequately	93	20.1%					
4 = Well	156	33.8%					

5 = Very well 191 41.3%

23. Appropriately modify and accommodate state and local assessments based on students' learning and accessibility needs	463	96.7%	<table border="1"> <tr> <td>4.00</td> <td><b>Mean</b></td> </tr> <tr> <td>1.02</td> <td><b>SD</b></td> </tr> </table>	4.00	<b>Mean</b>	1.02	<b>SD</b>
4.00	<b>Mean</b>						
1.02	<b>SD</b>						
<b>DNR</b>	16	3.3%					
1 = Not at all	11	2.4%					
2 = Poorly	28	6.0%					
3 = Adequately	89	19.2%					
4 = Well	155	33.5%					

5 = Very well 180 38.9%

### Developing as a Professional Educator

How well did your teacher preparation program prepare you to do each of the following as a teacher?

24. Evaluate the effects of your actions on student learning and modify plans accordingly	464	96.9%	<table border="1"> <tr> <td>4.20</td> <td><b>Mean</b></td> </tr> <tr> <td>0.85</td> <td><b>SD</b></td> </tr> </table>	4.20	<b>Mean</b>	0.85	<b>SD</b>
4.20	<b>Mean</b>						
0.85	<b>SD</b>						
<b>DNR</b>	15	3.1%					
1 = Not at all	1	0.2%					
2 = Poorly	12	2.6%					
3 = Adequately	87	18.8%					
4 = Well	157	33.8%					

5 = Very well 207 44.6%

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25. Work with families to better understand students and to support their learning	462	96.5%
	<b>DNR</b> 17	3.5%
1 = Not at all	7	1.5%
2 = Poorly	20	4.3%
3 = Adequately	98	21.2%
4 = Well	152	32.9%
5 = Very well	185	40.0%

4.06	<b>Mean</b>
0.96	<b>SD</b>

26. Work with colleagues to improve instruction	460	96.0%
	<b>DNR</b> 19	4.0%
1 = Not at all	5	1.1%
2 = Poorly	11	2.4%
3 = Adequately	87	18.9%
4 = Well	152	33.0%
5 = Very well	205	44.6%

4.18	<b>Mean</b>
0.89	<b>SD</b>

27. Provide a continuum of support for consultation, collaboration, co-teaching to mentoring with multi or interdisciplinary team members	463	96.7%
	<b>DNR</b> 16	3.3%
1 = Not at all	8	1.7%
2 = Poorly	15	3.2%
3 = Adequately	88	19.0%
4 = Well	159	34.3%
5 = Very well	193	41.7%

4.11	<b>Mean</b>
0.94	<b>SD</b>

## Content

How well did your teacher preparation program prepare you to do each of the following as a teacher?

28. Teach my content area(s) according to California academic content standards in my grade(s)	457	95.4%
	<b>DNR</b> 22	4.6%
1 = Not at all	6	1.3%
2 = Poorly	16	3.5%
3 = Adequately	95	20.8%
4 = Well	147	32.2%
5 = Very well	193	42.2%

4.11	<b>Mean</b>
0.94	<b>SD</b>

29. Contribute to students' reading skills including comprehension in my subject area	456	95.2%
	<b>DNR</b> 23	4.8%
1 = Not at all	4	0.9%
2 = Poorly	12	2.6%
3 = Adequately	85	18.6%
4 = Well	148	32.5%
5 = Very well	207	45.4%

4.19	<b>Mean</b>
0.89	<b>SD</b>

30. Enable students to acquire subject matter skills that contribute to future success in life, college, and career	459	95.8%
	<b>DNR</b> 20	4.2%
1 = Not at all	5	1.1%
2 = Poorly	15	3.3%
3 = Adequately	94	20.5%
4 = Well	162	35.3%
5 = Very well	183	39.9%

4.10	<b>Mean</b>
0.91	<b>SD</b>

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31. Anticipate and address the needs of students who are at risk of dropping out		442	92.3%
	<b>DNR</b>	37	7.7%
1 = Not at all		15	3.4%
2 = Poorly		31	7.0%
3 = Adequately		116	26.2%
4 = Well		139	31.4%
5 = Very well		141	31.9%

3.81	<b>Mean</b>
1.07	<b>SD</b>

### Field Experiences

32. Which of the following best describes the kind of clinical experience you had during your preparation? (check all that apply):		455	95.0%
	<b>DNR</b>	24	5.0%
Student teaching with a cooperating teacher		231	48.2%
Teaching fellow or intern in a program where I served as teacher of record while taking courses for my credential		220	45.9%
Teaching on an emergency credential [PIP/ STP] while taking courses for my credential		35	7.3%

33. How often did preparation program faculty or staff communicate with you in person or by other means about your teaching practice?		455	95.0%
	<b>DNR</b>	24	5.0%
1 = Less than once per month		28	6.2%
2 = Once per month		44	9.7%
3 = Twice per month		100	22.0%
4 = Once per week		136	29.9%
5 = 2-3 times per week		117	25.7%
6 = Daily		30	6.6%

3.79	<b>Mean</b>
1.28	<b>SD</b>

34. How often did preparation program faculty or supervisors observe your classroom instruction and provide feedback during your clinical practice?		452	94.4%
	<b>DNR</b>	27	5.6%
1 = Once or twice		32	7.1%
2 = 3-5 times		126	27.9%
3 = 6-10 times		141	31.2%
4 = 11-15 times		54	11.9%
5 = 16-20 times		53	11.7%
6 = More than 20 times		46	10.2%

3.24	<b>Mean</b>
1.42	<b>SD</b>

35. My field experiences helped me integrate and apply the major ideas developed through program coursework.		454	94.8%
	<b>DNR</b>	25	5.2%
1 = Strongly Disagree		5	1.1%
2 = Disagree		9	2.0%
3 = Neutral		33	7.3%
4 = Agree		164	36.1%
5 = Strongly Agree		243	53.5%

4.39	<b>Mean</b>
0.80	<b>SD</b>

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36. My cooperating teacher(s) (select all that apply):	432	90.2%
	<b>DNR</b> 47	9.8%
Frequently observed my teaching and met with me to offer feedback	320	66.8%
Was an excellent educator and a valuable role model	331	69.1%
Modeled effective practices	315	65.8%
Helped me plan and organize curriculum materials	285	59.5%
Offered useful strategies and advice about my teaching	361	75.4%
Helped me reflect on my practice	333	69.5%
Helped me to solve teaching problems	318	66.4%
Was knowledgeable about and able to provide support for field-based assignments	337	70.4%

37. Approximately how much time did you spend in student teaching (in the classroom of a cooperating teacher) as part of your supervised fieldwork?	346	72.2%
	<b>DNR</b> 133	27.8%
1 = Less than 100 hours	7	2.9%
2 = 100 - 299 hours	36	14.8%
3 = 300 - 599 hours	92	37.9%
4 = 600 - 799 hours	45	18.5%
5 = 800 hours or more	63	25.9%
This question does not apply to me*	103	-

3.50	<b>Mean</b>
1.11	<b>SD</b>

38. Approximately how much time did you spend in <b>an internship placement</b> as teacher of record as part of your fieldwork?	295	61.6%
	<b>DNR</b> 184	38.4%
1 = Less than 100 hours	4	1.7%
2 = 100 - 299 hours	7	2.9%
3 = 300 - 599 hours	22	9.2%
4 = 600 - 799 hours	18	7.5%
5 = 800 hours or more	188	78.7%
Does not apply/I was not in an internship*	56	-

4.59	<b>Mean</b>
0.90	<b>SD</b>

39. <b>If you served in an internship placement</b> , how often did your assigned mentor observe your classroom instruction and provide feedback and assistance during your clinical practice?	295	61.6%
	<b>DNR</b> 184	38.4%
1 = Once or twice	26	11.1%
2 = 3-5 times	31	13.2%
3 = 6-10 times	63	26.8%
4 = 11-15 times	26	11.1%
5 = 16-20 times	24	10.2%
6 = More than 20 times	65	27.7%
Does not apply/I was not in an internship*	60	-

3.79	<b>Mean</b>
1.72	<b>SD</b>

### Content for Special Education: English Language Arts

In your teacher preparation program, how much opportunity did you have to do each of the following?

40a) Learn ways to teach decoding skills	397	82.9%
	<b>DNR</b> 82	17.1%
1 = None	13	3.3%
2 = Touched on it Briefly	45	11.3%
3 = Spent Time Discussing or Doing	83	20.9%
4 = Explored in Some Depth	150	37.8%
5 = Extensive Opportunity	106	26.7%

3.73	<b>Mean</b>
1.08	<b>SD</b>

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		401	83.7%		
40b) Learn ways to build student interest and motivation to read		<b>DNR</b>	78	16.3%	
1 =	None	3	0.7%	4.00 <b>Mean</b> 1.94 <b>SD</b>	
2 =	Touched on it Briefly	22	5.5%		
3 =	Spent Time Discussing or Doing	92	22.9%		
4 =	Explored in Some Depth	138	34.4%		
5 =	Extensive Opportunity	146	36.4%		

		396	82.7%		
40c) Learn how to help students make predictions to improve comprehension		<b>DNR</b>	83	17.3%	
1 =	None	8	2.0%	3.89 <b>Mean</b> 1.02 <b>SD</b>	
2 =	Touched on it Briefly	31	7.8%		
3 =	Spent Time Discussing or Doing	90	22.7%		
4 =	Explored in Some Depth	134	33.8%		
5 =	Extensive Opportunity	133	33.6%		

		388	81.0%		
40d) Learn how to support older students in learning to read		<b>DNR</b>	91	19.0%	
1 =	None	16	4.1%	3.59 <b>Mean</b> 1.13 <b>SD</b>	
2 =	Touched on it Briefly	54	13.9%		
3 =	Spent Time Discussing or Doing	101	26.0%		
4 =	Explored in Some Depth	118	30.4%		
5 =	Extensive Opportunity	99	25.5%		

		397	82.9%		
40e) Learn ways to teach reading and writing to students at different stages or reading abilities		<b>DNR</b>	82	17.1%	
1 =	None	8	2.0%	3.94 <b>Mean</b> 1.01 <b>SD</b>	
2 =	Touched on it Briefly	29	7.3%		
3 =	Spent Time Discussing or Doing	78	19.6%		
4 =	Explored in Some Depth	146	36.8%		
5 =	Extensive Opportunity	136	34.3%		

		401	83.7%		
40f) Learn how to activate students' prior knowledge		<b>DNR</b>	78	16.3%	
1 =	None	5	1.2%	4.17 <b>Mean</b> 0.92 <b>SD</b>	
2 =	Touched on it Briefly	13	3.2%		
3 =	Spent Time Discussing or Doing	72	18.0%		
4 =	Explored in Some Depth	131	32.7%		
5 =	Extensive Opportunity	180	44.9%		

		388	81.0%		
40g) Listen to an individual child read aloud for the purpose of assessing his/her reading achievement		<b>DNR</b>	91	19.0%	
1 =	None	6	1.5%	3.99 <b>Mean</b> 1.04 <b>SD</b>	
2 =	Touched on it Briefly	33	8.5%		
3 =	Spent Time Discussing or Doing	75	19.3%		
4 =	Explored in Some Depth	117	30.2%		
5 =	Extensive Opportunity	157	40.5%		

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

## Statewide Results

Total survey respondents: 479

Response rate: 33.1 %

40h) Plan and teach a guided reading lesson		397	82.9%	4.05 <b>Mean</b> 1.04 <b>SD</b>
	DNR	82	17.1%	
1 = None		9	2.3%	
2 = Touched on it Briefly		29	7.3%	
3 = Spent Time Discussing or Doing		62	15.6%	
4 = Explored in Some Depth		130	32.7%	
5 = Extensive Opportunity		167	42.1%	

40i) Learn to teach students to organize their ideas prior to writing		388	81.0%	3.89 <b>Mean</b> 1.06 <b>SD</b>
	DNR	91	19.0%	
1 = None		10	2.6%	
2 = Touched on it Briefly		32	8.2%	
3 = Spent Time Discussing or Doing		86	22.2%	
4 = Explored in Some Depth		124	32.0%	
5 = Extensive Opportunity		136	35.1%	

40j) Use student reading assessment results to address student needs and improve your teaching		395	82.5%	4.05 <b>Mean</b> 1.00 <b>SD</b>
	DNR	84	17.5%	
1 = None		5	1.3%	
2 = Touched on it Briefly		27	6.8%	
3 = Spent Time Discussing or Doing		75	19.0%	
4 = Explored in Some Depth		123	31.1%	
5 = Extensive Opportunity		165	41.8%	

40k) Practice what you learned about teaching reading in your field experiences		398	83.1%	4.06 <b>Mean</b> 1.02 <b>SD</b>
	DNR	81	16.9%	
1 = None		9	2.3%	
2 = Touched on it Briefly		20	5.0%	
3 = Spent Time Discussing or Doing		79	19.8%	
4 = Explored in Some Depth		119	29.9%	
5 = Extensive Opportunity		171	43.0%	

40l) Study state standards for reading/language arts		397	82.9%	3.92 <b>Mean</b> 1.03 <b>SD</b>
	DNR	82	17.1%	
1 = None		10	2.5%	
2 = Touched on it Briefly		28	7.1%	
3 = Spent Time Discussing or Doing		83	20.9%	
4 = Explored in Some Depth		137	34.5%	
5 = Extensive Opportunity		139	35.0%	

40m) Study, critique or adapt reading curriculum materials		396	82.7%	3.83 <b>Mean</b> 1.08 <b>SD</b>
	DNR	83	17.3%	
1 = None		10	2.5%	
2 = Touched on it Briefly		38	9.6%	
3 = Spent Time Discussing or Doing		94	23.7%	
4 = Explored in Some Depth		121	30.6%	
5 = Extensive Opportunity		133	33.6%	

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

## Statewide Results

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Response rate: 33.1 %

### Content for Special Education: Mathematics

In your teacher preparation program, how much opportunity did you have to do each of the following?

41a) Learn typical difficulties students have with place value		384	80.2%	
	<b>DNR</b>	95	19.8%	
1 = None		57	14.8%	3.24 <b>Mean</b>
2 = Touched on it Briefly		64	16.7%	
3 = Spent Time Discussing or Doing		81	21.1%	
4 = Explored in Some Depth		95	24.7%	
5 = Extensive Opportunity		87	22.7%	
41b) Learn typical difficulties students have with fractions		381	79.5%	
	<b>DNR</b>	98	20.5%	
1 = None		62	16.3%	3.20 <b>Mean</b>
2 = Touched on it Briefly		69	18.1%	
3 = Spent Time Discussing or Doing		70	18.4%	
4 = Explored in Some Depth		89	23.4%	
5 = Extensive Opportunity		91	23.9%	
41c) Use representations (e.g., geometric representation, graphs, number lines) to show explicitly why a procedure works		380	79.3%	
	<b>DNR</b>	99	20.7%	
1 = None		49	12.9%	3.33 <b>Mean</b>
2 = Touched on it Briefly		62	16.3%	
3 = Spent Time Discussing or Doing		80	21.1%	
4 = Explored in Some Depth		92	24.2%	
5 = Extensive Opportunity		97	25.5%	
41d) Prove that a solution is valid or that a method works for all similar cases		382	79.7%	
	<b>DNR</b>	97	20.3%	
1 = None		61	16.0%	3.23 <b>Mean</b>
2 = Touched on it Briefly		61	16.0%	
3 = Spent Time Discussing or Doing		76	19.9%	
4 = Explored in Some Depth		97	25.4%	
5 = Extensive Opportunity		87	22.8%	
41e) Study, critique, or adapt math curriculum materials		383	80.0%	
	<b>DNR</b>	96	20.0%	
1 = None		33	8.6%	3.53 <b>Mean</b>
2 = Touched on it Briefly		59	15.4%	
3 = Spent Time Discussing or Doing		73	19.1%	
4 = Explored in Some Depth		109	28.5%	
5 = Extensive Opportunity		109	28.5%	
41f) Learn how to facilitate math learning for students in small groups		391	81.6%	
	<b>DNR</b>	88	18.4%	
1 = None		30	7.7%	3.61 <b>Mean</b>
2 = Touched on it Briefly		57	14.6%	
3 = Spent Time Discussing or Doing		72	18.4%	
4 = Explored in Some Depth		109	27.9%	
5 = Extensive Opportunity		123	31.5%	

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

## Statewide Results

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Response rate: 33.1 %

41g) Adapt math lessons for students with diverse needs and learning styles		390	81.4%	3.75 <b>Mean</b> 1.27 <b>SD</b>
	<b>DNR</b>	89	18.6%	
1 = None		29	7.4%	
2 = Touched on it Briefly		44	11.3%	
3 = Spent Time Discussing or Doing		67	17.2%	
4 = Explored in Some Depth		105	26.9%	
5 = Extensive Opportunity		145	37.2%	

41h) Practice what you learned about teaching math in your field experience		386	80.6%	3.75 <b>Mean</b> 1.25 <b>SD</b>
	<b>DNR</b>	93	19.4%	
1 = None		29	7.5%	
2 = Touched on it Briefly		37	9.6%	
3 = Spent Time Discussing or Doing		79	20.5%	
4 = Explored in Some Depth		99	25.6%	
5 = Extensive Opportunity		142	36.8%	

41i) Study national or state standards for mathematics		389	81.2%	3.66 <b>Mean</b> 1.22 <b>SD</b>
	<b>DNR</b>	90	18.8%	
1 = None		25	6.4%	
2 = Touched on it Briefly		48	12.3%	
3 = Spent Time Discussing or Doing		82	21.1%	
4 = Explored in Some Depth		113	29.0%	
5 = Extensive Opportunity		121	31.1%	

41j) Review local district mathematics curriculum		382	79.7%	3.22 <b>Mean</b> 1.42 <b>SD</b>
	<b>DNR</b>	97	20.3%	
1 = None		64	16.8%	
2 = Touched on it Briefly		63	16.5%	
3 = Spent Time Discussing or Doing		78	20.4%	
4 = Explored in Some Depth		79	20.7%	
5 = Extensive Opportunity		98	25.7%	

### General

42. Overall, how effective was your teacher preparation program at developing the skills or tools you needed to become an education specialist?		444	92.7%	3.34 <b>Mean</b> 0.76 <b>SD</b>
	<b>DNR</b>	35	7.3%	
1 = Not at all effective		9	2.0%	
2 = Somewhat effective		50	11.3%	
3 = Effective		165	37.2%	
4 = Very effective		220	49.5%	

### Demographics

43. Are you Hispanic or Latino?		440	91.9%
	<b>DNR</b>	39	8.1%
No, not Hispanic or Latino		305	69.3%
Yes, Hispanic or Latino		135	30.7%

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

## Statewide Results

Total survey respondents: 479

Response rate: 33.1 %

44. What is your race? (Select all that apply)	389	81.2%	
	<b>DNR</b>	<b>90</b>	<b>18.8%</b>
American Indian or Alaska Native	28	5.8%	
Chinese	14	2.9%	
Japanese	17	3.5%	
Korean	4	0.8%	
Vietnamese	6	1.3%	
Asian Indian	3	0.6%	
Laotian	2	0.4%	
Cambodian	1	0.2%	
Filipino	10	2.1%	
Hmong	1	0.2%	
Other Asian	2	0.4%	
Black or African American	28	5.8%	
Hawaiian	3	0.6%	
Guamanian	2	0.4%	
Samoan	1	0.2%	
Tahitian	1	0.2%	
Other Pacific Islander	2	0.4%	
White	322	67.2%	

45. What is your gender?	449	93.7%	
	<b>DNR</b>	<b>30</b>	<b>6.3%</b>
Female	345	76.8%	
Male	88	19.6%	
Decline to state	16	3.6%	

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

Response Rate by IHE (Statewide completion rate is 33.1 %)

Requests	Clicked		Respondents		IHE
6	5	83.3 %	3	50 %	<i>ALLIANT INTERNATIONAL UNIVERSITY</i>
6	3	50 %	2	33.33 %	<i>ANTIOCH UNIVERSITY</i>
<b>56</b>	<b>11</b>	<b>19.6 %</b>	<b>11</b>	<b>19.64 %</b>	<b>AZUSA PACIFIC UNIVERSITY</b>
2	2	100 %	2	100 %	<i>BIOLA UNIVERSITY</i>
<b>39</b>	<b>15</b>	<b>38.5 %</b>	<b>15</b>	<b>38.46 %</b>	<b>BRANDMAN UNIVERSITY</b>
12	2	16.7 %	2	16.67 %	<i>CALIFORNIA BAPTIST UNIVERSITY</i>
22	8	36.4 %	8	36.36 %	<i>CALIFORNIA LUTHERAN UNIVERSITY</i>
16	0	0 %	0	0 %	<i>CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO</i>
<b>25</b>	<b>18</b>	<b>72 %</b>	<b>18</b>	<b>72 %</b>	<b>CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA</b>
<b>27</b>	<b>18</b>	<b>66.7 %</b>	<b>18</b>	<b>66.67 %</b>	<b>CALIFORNIA STATE UNIVERSITY, BAKERSFIELD</b>
6	6	100 %	6	100 %	<i>CALIFORNIA STATE UNIVERSITY, CHANNEL ISLANDS</i>
<b>41</b>	<b>24</b>	<b>58.5 %</b>	<b>24</b>	<b>58.54 %</b>	<b>CALIFORNIA STATE UNIVERSITY, CHICO</b>
<b>41</b>	<b>20</b>	<b>48.8 %</b>	<b>20</b>	<b>48.78 %</b>	<b>CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS</b>
9	9	100 %	9	100 %	<i>CALIFORNIA STATE UNIVERSITY, EAST BAY</i>
13	7	53.8 %	7	53.85 %	<i>CALIFORNIA STATE UNIVERSITY, FRESNO</i>
<b>79</b>	<b>40</b>	<b>50.6 %</b>	<b>40</b>	<b>50.63 %</b>	<b>CALIFORNIA STATE UNIVERSITY, FULLERTON</b>
21	0	0 %	0	0 %	<i>CALIFORNIA STATE UNIVERSITY, LONG BEACH</i>
<b>49</b>	<b>15</b>	<b>30.6 %</b>	<b>15</b>	<b>30.61 %</b>	<b>CALIFORNIA STATE UNIVERSITY, LOS ANGELES</b>
11	8	72.7 %	8	72.73 %	<i>CALIFORNIA STATE UNIVERSITY, MONTEREY BAY</i>
<b>42</b>	<b>11</b>	<b>26.2 %</b>	<b>11</b>	<b>26.19 %</b>	<b>CALIFORNIA STATE UNIVERSITY, NORTHRIDGE</b>
<b>25</b>	<b>10</b>	<b>40 %</b>	<b>10</b>	<b>40 %</b>	<b>CALIFORNIA STATE UNIVERSITY, SACRAMENTO</b>
37	6	16.2 %	6	16.22 %	<i>CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO</i>
39	7	17.9 %	7	17.95 %	<i>CALIFORNIA STATE UNIVERSITY, SAN MARCOS</i>
16	0	0 %	0	0 %	<i>CALIFORNIA STATE UNIVERSITY, STANISLAUS</i>
14	3	21.4 %	3	21.43 %	<i>CHAPMAN UNIVERSITY</i>
4	3	75 %	3	75 %	<i>CLAREMONT GRADUATE UNIVERSITY</i>
4	1	25 %	1	25 %	<i>CONCORDIA UNIVERSITY IRVINE</i>
11	4	36.4 %	3	27.27 %	<i>DOMINICAN UNIVERSITY OF CALIFORNIA</i>
13	2	15.4 %	2	15.38 %	<i>FRESNO PACIFIC UNIVERSITY</i>
5	1	20 %	0	0 %	<i>HIGH TECH HIGH</i>
6	3	50 %	2	33.33 %	<i>HOLY NAMES UNIVERSITY</i>
11	8	72.7 %	8	72.73 %	<i>HUMBOLDT STATE UNIVERSITY</i>
10	3	30 %	3	30 %	<i>LOS ANGELES COUNTY OFFICE OF EDUCATION</i>
<b>135</b>	<b>41</b>	<b>30.4 %</b>	<b>37</b>	<b>27.41 %</b>	<b>LOS ANGELES UNIFIED SCHOOL DISTRICT</b>
52	13	25 %	8	15.38 %	<i>LOYOLA MARYMOUNT UNIVERSITY</i>
12	2	16.7 %	2	16.67 %	<i>MOUNT SAINT MARY'S UNIVERSITY</i>
6	2	33.3 %	1	16.67 %	<i>MT. DIABLO UNIFIED SCHOOL DISTRICT</i>
<b>200</b>	<b>55</b>	<b>27.5 %</b>	<b>50</b>	<b>25 %</b>	<b>NATIONAL UNIVERSITY</b>
14	5	35.7 %	3	21.43 %	<i>NOTRE DAME DE NAMUR UNIVERSITY</i>
8	2	25 %	2	25 %	<i>PACIFIC OAKS COLLEGE</i>
54	11	20.4 %	9	16.67 %	<i>POINT LOMA NAZARENE UNIVERSITY</i>
<b>29</b>	<b>21</b>	<b>72.4 %</b>	<b>21</b>	<b>72.41 %</b>	<b>SAN DIEGO STATE UNIVERSITY</b>
<b>41</b>	<b>17</b>	<b>41.5 %</b>	<b>17</b>	<b>41.46 %</b>	<b>SAN FRANCISCO STATE UNIVERSITY</b>
24	7	29.2 %	5	20.83 %	<i>SAN JOAQUIN COUNTY OFFICE OF EDUCATION</i>
12	0	0 %	0	0 %	<i>SAN JOSE STATE UNIVERSITY</i>
3	2	66.7 %	2	66.67 %	<i>SANTA CLARA COUNTY OFFICE OF EDUCATION</i>
<b>15</b>	<b>11</b>	<b>73.3 %</b>	<b>11</b>	<b>73.33 %</b>	<b>SONOMA STATE UNIVERSITY</b>

# Preliminary Educational Specialist Credential Program Completer Survey - 2016

Response Rate by IHE (Statewide completion rate is 33.1 %)

Requests	Clicked		Respondents		IHE
11	3	27.3 %	2	18.18 %	ST. MARY'S COLLEGE OF CALIFORNIA
7	3	42.9 %	2	28.57 %	TEACHERS COLLEGE OF SAN JOAQUIN
4	0	0 %	0	0 %	TOURO UNIVERSITY
13	3	23.1 %	3	23.08 %	UNIVERSITY OF CALIFORNIA, LOS ANGELES
5	1	20 %	1	20 %	UNIVERSITY OF CALIFORNIA, RIVERSIDE
4	3	75 %	2	50 %	UNIVERSITY OF CALIFORNIA, SAN DIEGO
7	4	57.1 %	4	57.14 %	UNIVERSITY OF CALIFORNIA, SANTA BARBARA
13	7	53.8 %	7	53.85 %	UNIVERSITY OF LA VERNE
20	11	55 %	8	40 %	UNIVERSITY OF REDLANDS
8	1	12.5 %	1	12.5 %	UNIVERSITY OF SAN DIEGO
1	0	0 %	0	0 %	UNIVERSITY OF SAN FRANCISCO
10	5	50 %	5	50 %	UNIVERSITY OF SOUTHERN CALIFORNIA
19	9	47.4 %	8	42.11 %	UNIVERSITY OF THE PACIFIC
3	1	33.3 %	1	33.33 %	WHITTIER COLLEGE