Table 38:

Employer Survey for the Math Specialist Program for 2017-18 to 2019-20

	2019-20	
	Mean	*St. Dev.*
Professional Knowledge & Skills		
Graduate understands how learners grow and develop.	5.00	0.00
Graduate employs an understanding of individual differences and diverse cultures and communities to ensure inclusive learning	5.00	0.00
Graduate works with others to create environments that support individual and collaborate learning.	5.00	0.00
Graduate understands the central concepts and structures of the disciplines he/she teaches.	5.00	0.00
Graduate understands how to connect concepts and uses different perspectives to engage learners.	5.00	0.00
Graduate plans instruction that supports every student in meeting rigorous learning goals	5.00	0.00
Graduate understands and uses a variety of instructional strategies	5.00	0.00
Graduate seeks appropriate leadership roles and opportunities	5.00	0.00
Use of Technology		
Graduate has at least a basic understanding of technology used in teaching.	5.00	0.00
Graduate implements the use of available technology.	5.00	0.00
Graduate motivates students to use the technological tools available to them.	5.00	0.00
Overall Satisfaction with Education at Regent	4.00	0.00
N	1	

Scale: 1= strongly disagree; 2 = disagree; 3 = neither agree or disagree; 4 = agree; 5 = strongly agree

Table 39:

The Revised Employer Survey for the Math Specialist Program (Implemented for 2020-21)

	2020-21	
	Mean	*St. Dev.*
Professional Knowledge & Skills		
Graduate understands and applies major mathematical concepts, procedures, knowledge, and applications within and among the various mathematical domains.	4.29	0.49
Graduate applies the mathematical processes of problem solving, reasoning and communicating mathematically, and mathematical modeling.	4.14	1.07
Graduate uses knowledge of students and mathematics to plan rigorous and engaging mathematics instruction that supports students' learning.	4.14	0.90
Graduate provides equitable, culturally responsive opportunities for all students to learn and apply mathematics.	3.71	1.11
Graduate implements effective and equitable teaching practices to support rigorous mathematical learning for a full range of students.	3.86	1.07
Graduate assesses and uses evidence of students' learning to improve instruction and subsequent student learning.	4.00	1.15
Graduate is a reflective mathematics educator.	3.71	1.50
Graduate collaborates with colleagues and other stakeholders to grow professionally, to support student learning, and to create more equitable mathematics learning environments	4.14	1.07
Use of Technology		
Graduate understands the technology available for teaching mathematics.	4.43	0.53
Graduate effectively selects appropriate technology for teaching mathematics.	4.29	0.76
Graduate effectively implements appropriate technology for teaching mathematics.	4.29	0.76
Graduate collaborates with staff and students to use the technological tools available to them.	4.29	0.76
Overall Satisfaction with Education at Regent	4.00	1.15
N	7	

Scale: 1= strongly disagree; 2 = disagree; 3 = neither agree or disagree; 4 = agree; 5 = strongly agree

Table 40:

The Revised Employer Survey for the Math Specialist Program (Adjusted after 2020-21 pilot and Implemented for 2021-22)

	2021-22	
	Mean	**St. Dev.**
Professional Knowledge & Skills		
Graduate understands and applies major mathematical concepts, procedures, knowledge, and applications within and among the various mathematical domains.	4.00	0.00
Graduate applies the mathematical processes of problem solving, reasoning and communicating mathematically, and mathematical modeling.	4.00	0.00
Graduate uses knowledge of students and mathematics to assist teachers in planning rigorous and engaging mathematics instruction that supports students' learning.	3.75	0.50
Graduate demonstrates, promotes and assists teachers in providing equitable, culturally responsive opportunities for all students to learn and apply mathematics.	3.50	0.58
Graduate applies knowledge of curriculum standards for mathematics and their relationship to student learning within and across mathematical domains in teaching students and coaching/mentoring classroom teachers.	3.50	0.58
Graduate implements effective and equitable teaching practices to support rigorous mathematical learning for a full range of students.	3.75	0.50
Graduate assesses and uses evidence of students' learning to improve instruction and subsequent student learning.	3.67	0.58
Graduate collaborates with colleagues and other stakeholders to support student learning, and to create more equitable mathematics learning environments.	3.75	0.50
Graduate draws upon mathematics education research to grow professionally, to support student learning, and to create more equitable mathematics learning environments.	3.75	0.50
Graduate advocates for appropriate mathematical teaching and learning practices to relevant stakeholders.	3.75	0.50
Graduate advocates for equity at school, district, and community levels.	3.50	0.58
Graduate advocates on behalf of teachers, students, families, and communities.	3.50	0.58
Graduate understands the role of the mathematics specialist in schools.	3.50	0.58
Use of Technology		
Graduate demonstrates a foundational understanding of the technology used in teaching mathematics	3.75	0.50
Graduate is effective in selecting and utilizing instructional technology to support student learning.	3.75	0.50
Graduate encourages staff and students to use the technological tools available to them.	3.75	0.50
Overall Satisfaction with Education at Regent	4.00	0.00
N	3	

Scale: 1 = ineffective; 2 = approaching effective; 3 = effective; 4 = highly effective