

## Consent

Welcome! This survey will ask questions about your experiences and activities during your pre-service and in-service teacher development.

Please provide an email address that you will remember on each of the surveys, so that your answers can be matched up. This email address will also be used to arrange payment for completing the surveys.

Please note that your responses are CONFIDENTIAL. The individual results will be kept confidential, and all results will be either aggregated and/or de-identified. Average survey time is 30 minutes.

Informed consent CoP

[Consent Form](#)

After reading the Consent Form, click on a choice below.

- I agree and give my consent to participate in this research project. I understand that participation is voluntary and that I may withdraw my consent at any time without penalty.
- I do not agree to participate in the research, and will be excluded from the remainder of the questions.

## Demographics

## Demographics

Please provide an email address. This information will be used to identify and correlate your responses each year during the longitudinal study. Please provide an email address you will remember.

Are you male or female?

- Male
- Female

Are you of Hispanic or Latino ethnicity?

- Yes, Hispanic or Latino
- Not Hispanic or Latino

What is your race? Mark one or more races to indicate what you consider yourself to be.

- American Indian or Alaska Native
- Asian
- Black or African-American
- Native Hawaiian or Other Pacific Islander
- White

What is your age? (Whole number format)

What are your degrees held?

Degree 1: Type

- Bachelor's
- Master's
- Doctorate or professional degree (PhD, EdD, MD, JD, DDS)
- Other (please specify)

Degree 1: Major

- Biological sciences
- Chemistry
- Computer science
- Education
- Engineering
- Geosciences/Environmental sciences
- Mathematics
- Physical sciences
- Physics
- Other (please specify)

Degree 1: Date Completed (MM/YYYY format)

What are your degrees held?

Degree 2: Type (*or check Not applicable*)

- Bachelor's
- Master's
- Doctorate or professional degree (PhD, EdD, MD, JD, DDS)
- Other (please specify)
- Not applicable

Degree 2: Major

- Biological sciences
- Chemistry
- Computer science
- Education
- Engineering
- Geosciences/Environmental sciences
- Mathematics
- Physical sciences
- Physics
- Other (please specify)

Degree 2: Date Completed (MM/YYYY format)

What are your degrees held?

Degree 3: Type (*or check Not applicable*)

- Bachelor's
- Master's
- Doctorate or professional degree (PhD, EdD, MD, JD, DDS)
- Other (please specify)
- Not applicable

Degree 3: Major

- Biological sciences
- Chemistry
- Computer science
- Education
- Engineering
- Geosciences/Environmental sciences
- Mathematics
- Physical sciences
- Physics
- Other (please specify)

Degree 3: Date Completed (MM/YYYY format)

If career changer, please enter the requested information below. *(if not, skip)*

Previous occupation:

Number of years in previous occupation:

Which of the following teacher preparation/development programs did you participate in?

- Kennesaw State University
- Stony Brook University
- University of Kentucky
- University of Minnesota
- University of Wisconsin
- Other (please specify)
- Not applicable

Did you receive a stipend/scholarship toward completing a teaching degree program and/or obtaining teacher certification/licensure?

- Yes
- No

If yes, what was the total dollar amount of the of the stipend/scholarship?

Did the stipend/scholarship end as of today?

Yes

No

Anticipated or actual month and year of completion of the teacher preparation program. (MM/YYYY format)

Did you receive a salary supplement toward remaining in the teaching profession?

Yes

No

If yes, what was the total dollar amount of the of the salary supplement?

Anticipated or actual month and year of completion of the salary supplement program. (MM/YYYY format)

Anticipated or actual month and year of teacher certification or licensure.  
(MM/YYYY format)

Grade level(s) listed on teaching certificate or license, if applicable. Mark all that apply.

- Elementary school
- Middle school
- High school

Subject area(s) listed on teaching certificate or license, if applicable. Mark all that apply.

- Biological sciences
- Chemistry
- Computer science
- Engineering
- Geosciences/Environmental sciences
- Mathematics
- Physical sciences
- Physics
- Technology
- Elementary science
- Elementary mathematics and science
- Middle school science
- Middle school mathematics
- Middle school mathematics and science
- All subjects
- Other (Please specify)

Have you begun full-time, full-responsibility teaching in a high-needs school district as of today?

- Yes
- No

If not, why?

- Taught in a school that is not in a high-need school district
- Taught less than full-time, full-responsibility
- Still completing coursework and/or requirements for teacher certification/licensure
- Cannot find employment
- Dropped out before completing the teacher preparation program
- Unknown
- Other (Please specify)

Which of the following best describes your teaching placement, if applicable?

Select one.

- Urban
- Suburban
- Rural
- Not applicable

Teaching placement grade level, if applicable.

- Elementary school
- Middle school
- High school
- Not applicable

Teaching placement subject of majority of courses taught, if applicable. Select one.

- Biological sciences
- Chemistry
- Computer science
- Engineering
- Geosciences/Environmental sciences
- Mathematics
- Physical sciences
- Physics
- Technology
- Elementary science
- Elementary mathematics and science
- Middle school science
- Middle school mathematics
- Middle school mathematics and science
- All subjects
- Other (Please specify)
- Not applicable

Total number of years of teaching completed. (Whole number format)

### **Professional Activities**

## Professional Activities

Please note which activities you participated in as either a pre-service or in-service teacher

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Mentoring pre-service teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mentoring new teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in clinical teaching experiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in any aspect of a pre-service teacher education program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developing and providing PD activities for other teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Attending PD activities focusing on content knowledge in mathematics and/or science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attending PD activities focusing on pedagogy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting STEM research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting educational research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attending regional/local conferences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Selecting and adapting instructional materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Using research to inform curriculum development and/or learning strategies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with parents, school boards, or others outside of the school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving on a curriculum committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving on a textbook adoption committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving on other school-wide or district-wide committee or task force	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Participating in peer coaching activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving as an officer in a local professional organization for science and/or math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving as a committee chair/officer/representative for a national professional organization (e.g., NSTA, NCTM)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving on a business/industry science and/or mathematics task force in the local area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serving as a science and/or mathematics supervisor for your school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Coordinating daily schedules or special events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in administrative meetings or tasks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monitoring improvement efforts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Defining outcomes and standards for your courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Selecting and developing curriculum for your courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Leading workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Modeling and encouraging professional growth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking part in school-wide decisions for school change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handling disturbances	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Facilitating communities of teacher learning through organization-wide processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting or participating in action research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Confronting barriers and challenging the status quo in the school's culture and structures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Becoming involved with parents; encouraging parent participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Creating partnerships with community businesses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with the community and community organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in professional organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Becoming politically involved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Building partnerships with colleges and universities to prepare future teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Receiving teaching observations and conversations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Providing teaching observations and conversations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborating with novice teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborating with experienced teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborating with a cohort of teachers with shared visions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Participate in or provide induction workshops and relevant ongoing support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Content-focused pedagogy based induction support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General pedagogy based induction support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Structured reflection on teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Attend PD (professional development) delivered by faculty within the program's university	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend PD delivered by in-service teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend PD delivered by returning alumni of the university program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attend PD delivered by state or national experts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Teacher leadership	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Systems thinking/organizational behavior/network theory	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Build or contribute to an electronic repository for lesson plans and materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Active social media group (professional)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Alumni group activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Video analysis of own teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Video analysis of others' teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional vision/professional identity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Authentic experiences in a STEM research lab (e.g. Gift program)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional

development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
State professional society membership	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
National professional society membership	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
National conference attendance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conference presentations or co-presentations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What activities did you participate in as part of your professional development? Mark yes or no for each item in each column.

	During Pre-Service		During In-Service	
	Yes	No	Yes	No
Preparation for technology in the classroom	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for high needs schools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for English Language Learners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Journaling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Autoethnography	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>