

SECTION 1: CURRENT PROFESSIONAL EXPERIENCE

Name:

Email address:

What is your current position?

- Early childhood (birth to age 5)
- Grades K – 2
- Grades 3 – 5
- Grades 6 – 8
- Grades 9 – 12
- Elementary school principal
- Middle school principal
- High school principal
- Superintendent/CEO
- Curriculum Director/Coordinator
- Intermediate unit employee
- Post-secondary/Higher education - Technical College
- Post-secondary/Higher education - Community College
- Post-secondary/Higher education - College of Education
- Post-secondary/Higher education – 4-year college
- STEM business and industry
- High school student
- Post-secondary/Higher education student
- Informal educator (afterschool, community organization, out of school educator, librarian, parks & recreation employee)

What is your current school district or organization?

In which Intermediate Unit is your school or organization located?

SECTION 2: EMPLOYMENT HISTORY AND EDUCATION EXPERIENCE

How many total years of experience in education do you have?

Which of these positions have you held for at least one year in your career? Check all that apply.

- Early Childhood (birth to age 5) educator
- Grades K – 2 educator
- Grades 3 – 5 educator
- Grades 6 – 8 educator
- Grades 9 – 12 educator
- Elementary school principal
- Middle school principal

- High school principal
- Superintendent/CEO
- Curriculum Director/Coordinator
- Intermediate Unit employee
- Post-secondary/Higher education - Technical College
- Post-secondary/Higher education - Community College
- Post-secondary/Higher education - College of Education
- Post-secondary/Higher education – 4-year college
- STEM business and industry
- High School Student
- Post-secondary/Higher Education student
- Informal educator (afterschool, community organization, out of school educator, librarian, parks & recreation employee)
- Engineer
- Medical/health professional
- Farmer/agriculture-related position
- Technology industry professional (e.g. researcher, developer)
- Industry professional - other
- Other

In which of the following grade spans do you have expertise? Check all that apply.

- Early Childhood (birth to age 5)
- Grades K – 2
- Grades 3 – 5
- Grades 6 – 8
- Grades 9 – 12
- Higher Education/Post-secondary
- Other

In which of the following content areas do you have expertise? Check all that apply.

- Physics
- Chemistry
- Earth and space science
- Environmental science
- Ecology
- Engineering
- Agriculture
- Technology Education
- Biology
- Other

What teaching certifications and/or endorsements do you hold?

What degrees or certifications do you hold in STEM fields?

How many years of experience do you have teaching or supporting...

- science education?
- technology education?
- environment and ecology education?

How many years of experience do you have in research or practice in...

- the field of technology?
- the field of environment or ecology?
- another field of science relevant to the standards under review, not mentioned above?

SECTION 3: UNDERSTANDING OF STANDARDS AND CURRENT RESEARCH ON SCIENCE, TECHNOLOGY, AND ENVIRONMENT/ECOLOGY EDUCATION

On a scale of None or less than novice / Novice / Apprentice / Experienced / Expert, what is your level of knowledge regarding...

- PA Academic Standards for Science and Technology?
- [A Framework for K-12 Science Education](#) published by the National Research Council and National Academy Press?
- [Next Generation Science Standards](#)?
- [International Society for Technology in Education \(ISTE\) Standards](#)?
- Standards for Agriculture education such as the [National AFNR Content Standards](#)?
- [North American Association for Environmental Education \(NAAEE\) Guidelines](#)?
- [International Technology Engineering Education Association \(ITEEA\) Standards](#)?

SECTION 4: EQUITY AND ACCESS FOR EVERY LEARNER

On a scale of None or less than novice / Novice / Apprentice / Experienced / Expert, what is your level of knowledge and comfort with...

- recent research on learning theory (“how students learn”)?
- Multi-Tiered Systems of Supports?
- culturally responsive instructional practices and assessments?
- universal design for learning?

SECTION 5: CURRICULUM WRITING, STANDARDS WRITING AND DEVELOPMENT

Indicate your experience with curriculum writing, development, or revision, on a scale of None/less than novice / Novice / Apprentice / Experienced / Expert.

- Curriculum writing, development, or revision
- Education standards writing

How would your inclusion on the committee address a gap or need that you see in the current standards or process for revising the current standards? (e.g. how you'd leverage being a special education expert, after school provider, or a parent advocate)

Indicate your interest in serving on the following committees. Check all that apply.

- Steering Committee
- Content Committee

SECTION 6: REFERENCES AND AVAILABILITY

My administration will support out of school release time so that I may be part of this process.

- yes
- no
- not applicable

My schedule allows me to meet during school hours and summer days

- yes
- no

Are there any conflicts of interest that could prevent you from being a successful participant in the Pennsylvania Science and Technology / Environment and Ecology Standards Content Committee?

If you answered "yes" concerning conflicts of interest, please provide details here.

Reference: Name

Reference: Email address

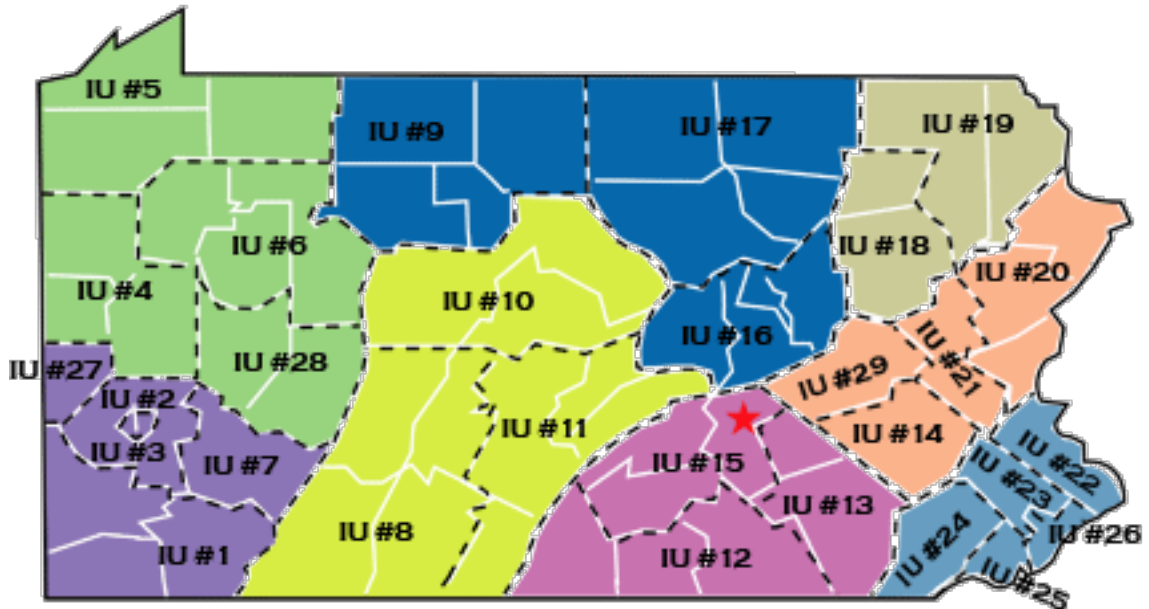
Reference: Phone number

SECTION 7: COMMITTEE COMPOSITION

The following questions will help the Committee reflect the diversity of learners in Pennsylvania.

Select the region that best represents the constituents / learners you serve, based on the Pennsylvania Inspired Leadership Regions (if not applicable, then your place of work or study). ([link to map](#))

Pennsylvania Inspired Leadership Regions



★ Pennsylvania Department of Education

Region 1
(IU's 22, 23, 24, 25, 26)

Region 3
(IU's 18, 19)

Region 5
(IU's 12, 13, 15)

Region 7
(IU's 1, 2, 3, 7, 27)

Region 2
(IU's 14, 20, 21, 29)

Region 4
(IU's 9, 16, 17)

Region 6
(IU's 8, 10, 11)

Region 8
(IU's 4, 5, 6, 28)

Gender:

- Female
- Male
- Nonbinary
- Prefer not to answer

What is your race/ethnicity?

- American Indian / Alaskan Native
- Asian
- Hawaiian / Pacific Islander
- Black
- Hispanic

- White
- 2 or more races
- Prefer not to answer

SECTION 8: SUPPORTING DOCUMENTS

Please email the following supporting documents to sciencestandards@pattan.net with “Committee Application Materials” in the subject line:

1. Resume / Vita

2. Letter of support from your organization

(This letter affirms that the employer supports release time for participation in the Committee.)

3. Letter of recommendation

(This letter attests to skills, experience and expertise you bring to the Content Committee.)