[2024-2025 STEM School of Excellence](https://www.iteea.org/STEMschoolofexcellence.aspx)

K-12 School Application

**Applications are due by Friday, December 6th, 2024.**

Notes:

* Questions with \* are required; other questions are optional.
* Unless noted otherwise, additional points will not be awarded for more than one submission per item.
* Supporting photos are encouraged to provide additional clarification of your provided descriptions; where stated, photos are eligible for additional points.
* To insert photos, select **Insert** > **Pictures** > **This Device** for a picture on your PC.

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1. **School and Staff Information**
2. STEM Teacher/Coordinator's Name\*:
3. STEM Teacher/Coordinator's Title\*:
4. STEM Teacher/Coordinator's Email\*:
5. STEM Teacher/Coordinator's Phone Number\*:
6. Principal's Name\*:
7. Principal's Email\*:
8. PTA (or equivalent parent organization) President's Name\*:
9. PTA (or equivalent parent organization) President's Email\*:
10. School Name\*:
11. School District\*:
12. School Address\*:
13. **Qualifying Activities**

*Provide details and documentation for the activities and initiatives in which your school participates. Required documentation should be fully included within* ***this form*** *to receive credit****.*** *Add as much space as needed.*

1. School produces completers in a STEM career pathway. Describe STEM career pathway requirements and numbers of completers in 2023-24 school year. **[30 pts]**
2. School participates in a STEM outreach or community service project.
   1. Describe STEM outreach of community service project from the 2023-24 school year. **[20 pts]**
   2. Insert photo(s) of STEM outreach or community service project. **[10 pts]**
3. Two or more teachers/administrators collaborated on an integrative STEM project.
   1. List teachers’ names and subject areas, and describe collaborative, integrative STEM project from the 2023-24 school year, focusing on the integrative nature of the teaching and learning. **[20 pts]**
   2. Insert photo(s) of collaborative, integrative STEM project. **[10 pts]**
4. School sponsored an initiative/project focused on diversity in STEM education.
   1. Describe initiative/project focused on diversity in STEM education from the 2023-24 school year. **[20 pts]**
   2. Insert photo(s) of initiative/project focused on diversity in STEM education. **[10 pts]**
5. School sponsored a family-oriented STEM event.
   1. Describe family-oriented STEM event from 2023-24 school year. **[20 pts]**
   2. Insert photo(s) of family-oriented STEM event. **[10 pts]**
6. School sponsored a STEM Career Fair or similar event.
   1. Describe STEM Career Fair or similar event from 2023-24 school year. **[20 pts]**
   2. Insert photo(s) of STEM Career Fair or similar event. **[10 pts]**
7. School has active [ITEEA Integrative STEM school membership](https://www.iteea.org/group-membership) and/or at least one teacher/administrator has an active individual [ITEEA Professional membership](https://www.iteea.org/individual) at the time of application. For individual memberships, provide member name(s). **[15 pts]**
8. Teacher(s)/administrator(s) presented a STEM-related session at the 2024 ITEEA Annual Conference in Memphis, TN or a similar National or International Conference during the 2023-24 school year. Provide conference title, date of presentation, presentation title, and name(s) of presenter(s). **[15 pts]**

1. Teacher(s)/ administrator(s) participated in the STEM Showcase at the 2024 ITEEA Annual Conference in Memphis, TN. Provide name(s) of presenter(s) and title of presentation. **[15 pts]**
2. Teacher(s)/administrator(s) published an article or manuscript in a peer-reviewed journal in the past three years. Provide complete citation, article URL, or other publication identifier. **[15 pts]**
3. School news or event was publicized on [ITEEA’s News webpage](https://www.iteea.org/news/) or in [ITEEA’s *STEM Connections* newsletter](https://www.iteea.org/news/stem-connections) during the 2023-24 school year. Provide date and title of post and description of publicized news or event.**[15 pts]**
4. School had an active Career and Technical Student Organizations (CTSO) chapter, e.g., [Technology Student Association (TSA)](https://tsaweb.org/), during the 2023-24 school year. Provide CTSO name, chapter advisor name, and chapter number (or other identifier). **[15 pts]**
5. School had an active honor society chapter, e.g., [National STEM Honor Society (NSTEM)](https://nstem.org/), during the 2023-24 school year. Provide honor society organization, chapter advisor name and chapter number. **[15 pts]**
6. Students participated in a Career and Technical Student Organization (CTSO), e.g., [Technology Student Association (TSA)](https://tsaweb.org/), competition or event during the 2023-24 school year. Provide CTSO name, chapter advisor name, and name and date of competition or event. **[15 pts]**
7. Teacher(s)/administrator(s) participated in an [ITEEA STEM CTL™ professional learning](https://www.iteea.org/professional-learning) event during the 2023-24 school year, e.g., ITEEA Scholastics course, Summer Institute, or STEMinar. Provide teacher/administrator name and date and title of event. **[15 pts]**
8. School adopted safety protocols – a standard operating procedure for the STEM lab that may include a safety manual, safety rules, HAZMAT sheets, procedures should an accident occur – for your STEM classroom or lab and post it in your classroom and/or on your school’s website. Provide the link to your safety protocol document(s). **[20 pts]**
9. School offered at least one Engineering byDesign™ (EbD) course during the 2023-24 school year. List teacher’s name(s) and course(s) taught. **[15 pts]**
10. Describe how your STEM curriculum addresses each of the eight Standards from ITEEA’s [*Standards of Technological and Engineering Literacy (STEL)*](https://www.iteea.org/stel). Include links to lesson plans or activities, if available. **[3 pts each]**
    1. The Nature and Characteristics of Technology and Engineering

* 1. Core Concepts of Technology and Engineering
  2. Integration of Knowledge, Technologies, and Practices
  3. Impacts of Technology
  4. Influence of Society on Technological Development
  5. History of Technology
  6. Design in Technology and Engineering
  7. Applying, Maintaining, and Assessing Technological Products and Systems

1. **Video Submission**

Develop and submit a video that showcases your school as a STEM School of Excellence candidate. Sample videos are available on the [STEM School or Excellence webpage](https://www.iteea.org/stem-school-of-excellence) and may include: interviews with your Principal, Teacher, and/or students discussing your program; showcase of projects from school; and/or a recording from a STEM event you hosted. Insert a link to your video via Google Drive or Dropbox. **[30 pts]**

1. **Pay Application Fee\***

Prior to submission, you must [request an invoice for or pay the STEM School of Excellence application fee](https://www.iteea.org/products/ssoe-application-fee-one-school) (ITEEA members: $195.00; Non-ITEEA members: $295.00).

**Enter your 5-digit invoice number below.**