STEM School Certification Process Update

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Agenda

- STEM Education Vision

- STEM School Certification Overview
  - Certification Timeline
  - Application Process
  - Required Components of Application
  - Contacts
All Indiana students in grades K-12 will graduate with critical thinking skills and be prepared for an innovation-driven economy by accessing quality, world-class STEM education every day in the classroom by 2025.
STEM School Certification - Timeline

● Application Released on
  ○ July 26, 2019

● Applications Due on
  ○ November 15, 2019

● Applications Reviewed by
  ○ December 13, 2019

● Feedback to Schools by
  ○ December 20, 2019

● Site Visits Scheduled by
  ○ January 17, 2020

● Site Visits Completed by
  ○ March 27, 2020

● Official IDOE Announcement of STEM Certified Schools on
  ○ May 8, 2020
STEM School Certification - Process

● Step 1
School team members conduct a self-evaluation using the New STEM School Evaluation Rubric

● Step 2
If able to document a minimum of 60 points, with a required score of 3 on all 9 Essential Elements, on the STEM Evaluation Rubric, complete form to request Google Sites template (or request to use alternate site) to showcase evidence of elements in the STEM School Evaluation Rubric.
STEM School Certification - Process

● Step 3
School Team shares the Google Site (or approved alternative) with Dr. Christy Hilton, STEM Specialist, using chilton@doe.in.gov.

● Step 4
An IDOE STEM School Certification Review Team comprised of two IDOE staff members and two STEM Cadre members will review the Google Site (or approved alternative) using the STEM School Evaluation Rubric.
● Step 5
  ○ Submissions scored at a minimum of 60 points, with a required score of 3 on all 9 Essential Elements, by the IDOE STEM School Certification Review Team, will be contacted to schedule a site visit.
  ○ Submissions scored at 59 points or below will receive feedback on the submission from the IDOE STEM School Certification Team and will not receive a site visit.
STEM School Certification - Process

● Step 6
  ○ Site visit by IDOE STEM School Certification Team, including an Indiana Community/Business Partner.
  ○ A preliminary score (and embargoed certification status) will be shared with the School Team at the conclusion of the site visit.
Step 7

- IDOE STEM School Certification Review Team will provide a final report within one week of the site visit.

- Applications receiving an official score of 67 or below and/or who do not earn a score of three on all nine Essential Elements, see Step eight. Applications receiving a minimum score of 68 and who earn a score of three on all nine Essential Elements, see Step nine.
STEM School Certification - Process

- Step 8
  - Applications receiving an official score of 67 or below after a site visit may appeal the score and update the application with additional supporting evidence.
  - A follow-up site visit will be scheduled for the following August or September to confirm the updated submissions. If the updated submissions and site visit indicate a score of 68 or more, the school will then receive designation as a STEM Certified School.
STEM School Certification - Process

● Step 9

○ Applications receiving a minimum score of 68 points, with a required score of 3 on all 9 Essential Elements, will be designated as a STEM Certified School by the IDOE STEM School Certification Review team.

○ The designation will be embargoed until the official announcement is made via press release for the 2019-2020 school year by the Superintendent of Public Instruction.
• Navigate to IDOE’s STEM Education Web Page to access all STEM-related information

• Search “STEM” from IDOE’s main page and then click on:

  Indiana STEM Education: Science, Technology, Engineering and Mathematics
STEM School Certification - Required Components of Application

- STEM Plan Executive Summary (Maximum of 1,500 words)
- STEM Plan Vision Statement
- STEM Plan Mission Statement
STEM School Certification - Required Components of Application

- STEM School Team Biographies
- STEM School Team Chair Contact Information
- Principal Contact Information
- Superintendent Contact Information
STEM School Certification - Required Components of Application

● **Domain 1: Culture**
  ○ Summary (Maximum of 500 words)
  ○ Self-score on each element with documentation

● **Domain 2: Curriculum**
  ○ Summary (Maximum of 500 words)
  ○ Self-score on each element with documentation

● **Domain 3: Instruction**
  ○ Summary (Maximum of 500 words)
  ○ Self-score on each element with documentation

● **Domain 4: Partnerships**
  ○ Summary (Maximum of 500 words)
  ○ Self-score on each element with documentation
STEM School Certification - Required Components of Application

- Letter of Support from Principal
- Letter of Support from Superintendent
- Letter of Support from Community Partner
• Preview of the Google Sites Template
Contacts

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