

Overview of the STEM Scale-Up Program Evaluation



Purpose: This document provides an overview of the two evaluation tasks expected from *all educators* who implement a STEM Scale-Up program. Please contact Erin to discuss specific circumstances or questions about completing the evaluation tasks:

Erin Heiden, University of Northern Iowa: 319-273-6506 / csbr@uni.edu;
Instructions for completing the evaluation tasks at: <https://www.iowastem.org/scale-monitoring>

Educator Survey

Coordinated by the Research Institute for Studies in Education at Iowa State University

FY2023

- Purpose:** Collect educator feedback about Scale-Up program implementation and outcomes
- Required from:** All educators implementing a Scale-Up program
- Method:** An online survey (web-link will be emailed to educators in spring 2023)
- Timeframe:** Recommended within two weeks after Scale-Up program ends; no later than May 31.

Student Participant List

Coordinated by Iowa Testing Programs at the University of Iowa

FY2023

- Purpose:** To provide the names of Scale-Up student participants AND 1) their 10-digit, state-issued, studentID, and 2) demographic information (date of birth, gender, school information) to Iowa Testing Programs (ITP). ITP provides summarized information about the number of students who participate in STEM Scale-Up programs each year, demographic descriptions (% male/female, race/ethnicity, etc), and aggregated scores of Scale-Up participants on the Iowa Statewide Assessment of Student Progress (ISASP).
- Required from:** All educators implementing a Scale-Up program
- Method:** An Excel template is provided to compile student participant information. To protect student information, the Student Participant List is uploaded directly to Iowa Testing Programs using a secure, password-protected, web-based system.
- Timeframe:** May be submitted anytime, but must be uploaded no later than May 31.
- Additional information:** To protect student information, Scale-Up educators submit the participant list directly to Iowa Testing Programs. This is information that is already shared between your school and Iowa Testing Programs when students take the ISASP. Individual student information is never shared with the STEM Advisory Council or STEM regional managers. Since Iowa Testing Programs is an entity that already has access to that information, the Council has partnered with them to provide summary information about Scale-Up program student participants.

Iowa Testing Programs will share the participant database(s) with the Iowa Department of Education for the purpose of identifying the post-secondary status of past program participants. The Iowa Department of Education may request assistance from Iowa Workforce Development and the Iowa Board of Regents in identifying post-secondary status of past program participants. This information will be shared in aggregate, de-identified form with leaders of the STEM Council in order to report on possible impacts of this program on participant study and career pathways after high school.



Instructions for STEM Scale-Up Program Evaluation

Two submissions are expected from *all* schools/organizations implementing a STEM Scale-Up program. Please direct questions to the UNI Center for Social and Behavioral Research:

Erin Heiden - 319-273-6506 / csbr@uni.edu;

Instructions can also be found at <https://www.iowastem.org/scale-monitoring>.

I. Educator Survey - Submit at the end of your Scale-Up Program

Educator Survey is coordinated by the Research Institute for Studies in Education, Iowa State University

An email invitation with link to the educator survey will be sent to you in spring 2023. This link is unique to you to help direct reminder emails and to stop additional reminders once you have completed the survey.

Deadline: As soon as possible after the last day of the STEM Scale-Up program.
All surveys must be completed by May 31.

II. Student Participant List - Submit at the end of your Scale-Up Program

Student Participant List data collection is coordinated by Iowa Testing Programs at the University of Iowa.

1. Go to <https://www.iowastem.org/scale-monitoring>
2. Download the “Student Participant List (Excel template)”
3. Enter each STEM Scale-up student participant’s full first-name and last-name (No abbreviations or nicknames, please); **AND**
 - a. The student’s 10-digit, state-issued student ID number;
 - b. The student’s school district, school building name, birthdate, and gender

Note: The state-issued, studentID is a unique 10-digit number assigned by the Iowa Department of Education; it is not the student’s social security number or local school ID. If you do not have access to studentID numbers, you may be able to get assistance from your building’s guidance counselor or principal. All students in public and accredited non-public schools are required to use the Iowa Department of Education’s StateID system. In some cases, it may not be possible to provide the Scale-Up participant’s state-issued-studentID, particularly if your Scale-Up program was implemented in an out-of-school setting. If the student’s state-issued-studentID is unknown, please be sure to include student’s name, school, birthdate and gender.

4. Upload the completed Excel document

Note: Since this document contains protected student information, it must be submitted directly from the school/club/organization to Iowa Testing Programs at the University of Iowa. Do not submit this document to the STEM Regional Manager, STEM Scale-Up program providers, or anybody else.

 - a. Go to <https://iowastem.org/scale-monitoring>
 - b. Click on “Upload the Student Participant List Here” to go to the Qualtrics form for uploading the file to Iowa Testing Programs at the University of Iowa.
The access code will be emailed to you in the reminder emails sent in Spring 2023

Deadline: May be submitted at any time during your STEM Scale-Up Program.
Student participant lists must be uploaded no later than May 31

Iowa STEM Monitoring Project
University of Northern Iowa, Center for Social and Behavioral Research
Cedar Falls, IA 50614-0402