



Overview of STEM Scale-Up Program Evaluation

Purpose: To provide STEM regional managers, teacher/leaders, and Scale-Up program service providers an overview of the evaluation tasks in support of the Iowa STEM Monitoring Project (ISMP). Two submissions are expected from *all* schools/organizations implementing a STEM Scale-Up program. In addition, student surveys are expected from *some* schools/organizations (selected schools will be notified). Please contact us to discuss specific circumstances or questions about completing the evaluation tasks:

Erin Heiden: 319-273-6506(p), erin.heiden@uni.edu;

Mitch Avery: 319-273-7451(p), mitchell.avery@uni.edu

Instructions for completing the evaluation tasks can be found at <http://iowastem.gov/scale-monitoring>

Student Survey Coordinated by the Center for Social & Behavioral Research at the University of Northern Iowa

Purpose: To assess student interest in STEM topics/careers *before and after* participating in a Scale-Up program

Required From: Selected classrooms (who will be notified by email) of students who participated in a Scale-Up program directly or indirectly through their teacher's participation in a STEM professional development.

Method: The student survey is administered **at the beginning** of the school year **and at the end** of the Scale-Up program. Teacher/leaders will be provided with an information letter for parents, a script to read to students, and the one-page student questionnaire. Two versions of the questionnaire are provided to accommodate elementary and middle/high school aged students.

Timeframe: Selected Scale-Up classrooms will have students complete the student survey **before starting** the Scale-Up program, **and on the last day** of the Scale-Up program. Completed questionnaires with cover page must be postmarked by May 30, 2016 to:

UNI CSBR, Attn: Iowa STEM Monitoring Project, Cedar Falls, IA 50614-0402

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

Purpose: Gather information from educators about Scale-Up program implementation and outcomes

Required From: All educators implementing a Scale-Up program

Method: An online survey (web-link will be provided)

Timeframe: Complete the educator survey within two weeks after the Scale-Up program ends. Educator survey must be completed by May 30, 2016.

Student Participant List Coordinated by Iowa Testing Programs at the University of Iowa

Purpose: To provide the name of Scale-Up student participants **AND** 1) their 10-digit, state-issued, studentID, and 2) demographic information (date of birth, gender, school information) to enable Iowa Testing Programs to link Scale-Up participants to their Iowa Assessments scores

Required From: Any Scale-Up program directly implemented with students in grades K-12 or indirectly impacting students through their teacher's participation in a Scale-Up professional development 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: Participant lists must be uploaded no later than May 30, 2016

Additional Information: To protect student information, the only people who see the individual names of students on the participant lists are the Scale-Up teacher who fills it in and Iowa Testing Programs. This is the same information that is shared between the school and Iowa Testing Programs when students take the Iowa Assessments. Individual student information is never shared with the STEM Advisory Council, STEM regional managers, or ISMP evaluation staff. Iowa Testing Programs uses the student list to link names to students' math and science scores, compiles the scores of all the students, and reports de-identified and summarized results (e.g. average scores, national percentile rank, and STEM interest).