



Overview of Iowa STEM Scale-Up Monitoring

Purpose: To provide STEM regional managers, teacher/leaders, and Scale-Up program service providers an overview of reporting requirements in support of the Iowa STEM Monitoring Project (ISMP). Three submissions are expected from all schools/organizations implementing a STEM Scale-Up Program. Please direct questions to:

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

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

Please contact Erin or Mitch to discuss specific circumstances or challenges to completing the three evaluation activities, or to request an extension for Scale-Up Programs ending after the deadline date. The ISMP team will work to make accommodations on a program-by-program basis.

Teacher/Leader Survey Coordinated by the Research Institute for Studies in Education at Iowa State University

Purpose: Gather information from teacher/leaders about Scale-Up Program implementation and outcomes

Required From: All teacher/leaders implementing a Scale-Up program

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

Timeframe: We recommend completing the teacher/leader survey within two weeks after the Scale-Up Program ends. Teacher/leader survey must be completed by May 15, 2015.

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 (birthdate, 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 15, 2015

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 any 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).

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 after participating in a Scale-Up Program

Required From: Any Scale-Up program directly implemented with students or indirectly impacting students through their teacher's participation in a Scale-Up program

Method: The student survey is administered on the last day 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. Three versions of the questionnaire are provided to accommodate different grade levels.

Timeframe: Scale-Up student participants complete the student survey on the last day of the Scale-Up Program. Completed questionnaires with cover page must be postmarked by May 30, 2015 to:

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

Iowa STEM Monitoring Project

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