**Attachment 5. Standard Indicators Sheet**

*Reference these standard indicators when drafting your Performance Monitoring Plan. Depending on your selected topic and objective, select up to 5 indicators below to track and report on during the implementation of your project. You may create additional indicators you find necessary to measure the success of your project. We encourage you to use a combination of output and outcome indicators but select only outputs if you are concerned about measurement capacity.*

**Goal: Improve opportunities for STEM education and employment in the Kyrgyz Republic.**

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| **Output Indicators** *(Tracks activities)* | **Suggested Data Collection Method**  |
| # of participants from the target audience (e.g. students, secondary educators, STEM innovators, etc.) trained in various project activities (e.g. workshops, training, demonstrations, competitions) | Track number of participants, training reports, sign-in sheets disaggregated by audience demographics (sex and age group), audience type (students, educators, STEM innovators) and geographic location: * Ex: young men/women (18-45), women, in urban and rural areas.
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| # of training sessions, events, and pitching workshops conducted | Track project records, attendance sheets, disaggregated by Oblast |
| # of instructional tools, technologies, or methodologies introduced | Track project records and training materials, disaggregated by types of tools, technologies, and methodologies used |
| # of students advancing to the final competition | Track number of participants (participant lists, competition reports)disaggregated by audience demographics (sex, age group) and geographic location: * Ex: young men/women (18-45), women, in urban and rural areas.
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| # of Kyrgyz-language curriculum materials developed and distributed  | Track project records, number of curriculums developed and how they were distributed (distribution logs) |
| # of pilot programs implemented | Track event reports, attendance sheets, program documentation, event reports, agendas |
| # of projects pitched at the pitch-a-thon event | Track event reports, attendance sheets, program documentation, event reports, agendas, categorized by project type |
| # of secondary schools visited by the STEM roadshow | Track event reports, attendance sheets, program documentation, event reports, agendas, disaggregated by geographic location (urban/rural), and number of students engaged per visit |
| **Outcome Indicators** *(Tracks results of your activities)* | **Suggested Data Collection Method**  |
| % of educators applying newly acquired STEM instructional practices in their classrooms within six months | pre- and post-program surveys, polling data, interviews with participants |
| % of participants reporting increased awareness of U.S. STEM innovation practices | Pre-and post-program surveys |
| % of students reporting improved STEM knowledge and skills and/or STEM-problem solving skills | pre- and post-program surveys, polling data, interviews with participants, disaggregated by audience demographics (sex, age group) and geographic location: * Ex: young men/women (18-45), women, in urban and rural areas.
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| % of students demonstrating improved STEM knowledge and/or STEM-problem solving skills | Pre/post-tests |
| % of students reporting an increase in interest in pursuing further study or a profession related to STEM | pre- and post-program surveys, polling data, interviews with participants, disaggregated by audience demographics (sex, age group) and geographic location: Ex: young men/women (18-45), women, in urban and rural areas |
| # of participants in targeted groups reporting increased awareness/knowledge/understanding of innovative approaches for STEM  | pre-and post surveys, interviews with participants, disaggregated by audience demographics (sex, age group) and geographic location, and audience type (students, educators, administrators, innovators): Ex: young men/women (18-45), women, in urban and rural areas. |
|  % of students demonstrating STEM-related knowledge at a level that enable them to qualify for U.S.-based international championships | Pre-and post-program qualification assessments, disaggregated by audience (sex, age group) and geographic location: Ex: young men/women (18-45), women, in urban and rural areas.  |
| % increase in teachers' self-reported confidence in teaching STEM subjects  | Pre- and post-program surveys, self-evaluation forms |
| % of innovators demonstrating increased ability to design STEM-related projects submit for potential funding opportunities | Participant follow-up surveys, project records, project submissions and review |
| % of innovators who submit at least one proposal for funding | Proposal submission records |
| % of educational institutions that adopting and formally integrating the new STEM curriculum  | Case studies, field observations, pre- and post-program surveys, polling data, interviews, disaggregated by level/type of the educational institutions: * Ex: primary, secondary, higher educational institutions
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