

## Menu

Display list of headings.

### Survey of Programs Supporting Science, Technology, Engineering, and Math Education

Introduction

Section I: Program Background Information

Section II: Program Focus and Target Population

Section III: Output Measures

Section IV: Program Outcome Measures & Evaluations

Section V: Program Funding Levels

Submit your responses to GAO

Page 8

## Summary

View and print a summary of your responses.

## Help

If you have any questions about this GAO survey, please contact:

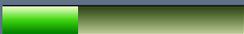
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## Progress



## Navigate



# Survey of Programs Supporting Science, Technology, Engineering, and Math Education

## U.S. Government Accountability Office

### Introduction

The U.S. Government Accountability Office (GAO) was asked by the U.S. Congress to conduct a study to catalog federal STEM education programs and determine the extent to which overlap or potential duplication exists. As part of our study, we are seeking information from federal departments and agencies that will enable GAO to assemble a compendium of federal education programs (pre-kindergarten through doctorate).

Your program was identified by your agency's officials as a STEM education program. To see the definition and program inclusion criteria that we provided to agencies in order to populate the list of STEM education programs to survey, [click here](#).

We estimate that this survey will take at least an hour to complete. You may need to consult with other staff in your agency to answer some of the questions in the survey. The survey does not need to be completed in one sitting. Your responses can be saved and accessed at a later date. To learn more about completing the questionnaire, printing your responses, and whom to contact if you have questions, [click here for help](#).

Thank you for your time and assistance.

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## Section I: Program Background Information

We have identified the following as a federal STEM education program within your agency. Please respond to these questions as they relate to this program.

Program name: \_\_\_\_\_

Department: \_\_\_\_\_

Agency: \_\_\_\_\_

Office: \_\_\_\_\_

**1. Is this the official name of the program?**

1.  Yes ([click here to skip to question 2](#))
2.  No

**1a. If no, what is the official program name?**

\_\_\_\_\_

**2. Has this program operated under a different official program name within the past 5 years?**

1.  Yes
2.  No ([click here to skip to question 3](#))
3.  Don't know ([click here to skip to question 3](#))

**2a. If yes, what is the older, official program name?**

\_\_\_\_\_

**3. Does this program have any other name(s) by which it is commonly referred?**

1.  Yes
2.  No ([click here to skip to question 4](#))
3.  Don't know ([click here to skip to question 4](#))

**3a. If yes, what is the name(s)?**

\_\_\_\_\_

**4. Is this the correct department, agency, and office name that administers the program?**

1.  Yes ([click here to skip to question 5](#))
2.  No

**4a. If no, what is the department, agency and office name?**

\_\_\_\_\_

**5. Please provide the mission statement for the office that administers this program, and provide a link to the statement, if available. If an office mission statement is not available, please provide a mission statement for the program's agency or department (Note: select the mission statement which most closely aligns with the program's objectives).**

(Maximum 1,000 characters)

**6. Please give a brief description of the program and its objectives.**

(Maximum 1,000 characters)

**7. Please provide a citation to the statute authorizing this program (either a public law or U.S. code citation) and a citation to the relevant program regulations.**

(Note: The authorizing legislation may not necessarily reference the program; rather, it may give broad authorization for an agency to perform related work.)

**8. Did Congress specifically direct your agency to create this program or has this program been authorized under your agency's general statutory authority?**

1.  Specific direction from Congress to create program
2.  Authorized under agency's general statutory authority
3.  Don't know
4.  Other *(please specify below)*

**8a. If other, please explain:**

**9. What was the first fiscal year this program was funded?**

(enter YYYY format)

**10. Was this program funded in fiscal year 2010?** (Note: A program with an appropriation or allocation in FY10 would be considered to have received funding in that year. Please consult with your agency's budget staff if you are unsure.)

1.  Yes
2.  No
3.  Don't know

**11. Is this program funded for fiscal year 2011?**

1.  Yes, it is funded.
2.  No, it is not funded.
3.  No, it was consolidated with other programs *(please list programs below)*:
4.  Don't know

**11a. If this program was consolidated with other programs, what are the other programs?**

12. Is this program funded by a congressional earmark?

1.  Yes, funded *in whole* by a congressional earmark.
2.  Yes, funded *in part* by a congressional earmark.
3.  No, not funded by a congressional earmark.
4.  Don't know

13. Listed below are potential objectives for STEM programs. For each of these objectives, indicate if each was a primary objective, secondary objective, or not an objective of the \_\_\_\_\_.

(select one circle per objective)

	Primary Objective	Secondary Objective	Not an Objective
Attract and prepare students to pursue classes or coursework in STEM areas through formal or informal education activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attract students to pursue degrees (2-year, 4-year, graduate, or doctoral degrees) in STEM fields through formal or informal education activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provide training opportunities for undergraduate or graduate students in STEM fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attract graduates to pursue careers in STEM fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improve teacher (pre-service or in-service) education in STEM areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improve or expand the capacity of K-12 schools or postsecondary institutions to promote or foster education in STEM fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conduct research to enhance the quality of STEM education provided to students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please explain:

14. Does the \_\_\_\_\_ have any primary objectives which are NOT related to furthering STEM education?

1.  Yes
2.  No ([click here to skip to question 15](#))

14a. If yes, what are the primary program objective(s) which are NOT related to STEM

education?

15. **Is this program one component of a larger government-wide or multi-agency effort (e.g., White House Initiative on Historically Black Colleges and Universities)?**

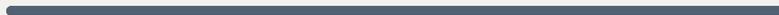
1.  Yes
2.  No ([click here to skip to question 16](#))
3.  Don't know ([click here to skip to question 16](#))

15a. **If yes, what is the name of the larger federal effort or other federal entity also providing support for the program?**

16. **Has your agency coordinated with other federal agencies that provide similar STEM education services to similar program beneficiaries?**

1.  Yes
2.  No ([click here to go to Section II: Program Focus and Target Population](#))
3.  Don't know ([click here to go to Section II: Program Focus and Target Population](#))
4.  Not applicable ([click here to go to Section II: Program Focus and Target Population](#))

16a. **If yes, please describe how your agency has coordinated with other federal agencies that provide similar STEM education services to similar program beneficiaries. Please include the agency and program name(s) in your response.**



## Section II: Program Focus and Target Population

Please respond to these questions with information pertaining to the \_\_\_\_\_'s STEM activities only.

### 17. Does this program focus on specific STEM fields?

- Yes
- No ([click here to skip to question 18](#))

#### 17a. If yes, please check the field(s) of focus for this program.

(select one circle per field)

	Yes	No	No answer
Agricultural sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biological sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chemistry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earth, atmospheric, and ocean sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social sciences (e.g. psychology, sociology, anthropology, cognitive science, economics, behavioral sciences)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please list below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please explain:

### 18. Which of the following funding types does this program provide?

(select one circle per type of assistance)

	Yes	No	No answer
Contracts or cooperative agreements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grants to K-12 schools or local educational authorities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grants to non-academic institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grants to postsecondary academic institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grants to states	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	No answer
Grants to STEM professionals or STEM companies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internships or traineeships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Loan repayments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scholarships or fellowships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other ( <i>please specify below</i> ):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please explain:

**19. Which of the following descriptions, if any, best describe the types of STEM education services allowed by your program?**

(select one circle per type of service)

	Yes	No	No answer
Classroom instruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curriculum development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Educational research aimed at improving the quality of STEM education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Institutional support for infrastructure (includes efforts to strengthen STEM education capabilities through expansion of facilities, classrooms, and other physical infrastructure)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Institutional support for management and administrative activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outreach and recognition to generate student interest in STEM field(s)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Short-term experiential learning activities (includes summer camps, field trips, guest speakers, and workshops)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long-term experiential learning activities (semester or more in length)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student scholarships or fellowships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research opportunities, internships, mentorships, or career guidance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teacher pre-service or recruitment activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teacher in-service, professional development, or retention activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other ( <i>please describe other services below</i> ):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please explain:

**20. Which of the following target populations or groups primarily benefit from this program?**

(select one circle per population or group)

	Yes	No	No answer
Elementary school students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Secondary school students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2-year undergraduate students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4-year undergraduate students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master's degree students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doctoral students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Elementary school teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Secondary school teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
College faculty or instructional staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General public	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please list below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please explain:

**21. Is this program primarily intended to serve minority, disadvantaged, or underrepresented groups in the STEM fields?**

- Yes
- No ([click here to skip to question 22](#))
- Don't know ([click here to skip to question 22](#))
- Not applicable ([click here to skip to question 22](#))

**21a. If yes, which of the following minority, underrepresented, or disadvantaged groups is this program intended to serve?**

(select one circle per group)

	Yes	No	No answer
Asian	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Black or African American	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hispanic or Latino	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Native American or Alaskan Native	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Native Hawaiian or Other Pacific Islander	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economically Disadvantaged	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persons with Disabilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Women	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	No answer
Other (please list below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please explain:

22. **Is this program limited to serving students or teachers in a certain geographical region (or regions) of the U.S.?**

1.  Yes
2.  No ([click here to go to Section III: Output Measures](#))
3.  Don't know ([click here to go to Section III: Output Measures](#))

22a. **If yes, what are the geographical restriction(s)?**



### Section III: Output Measures

Note: **Output measures** are the ongoing monitoring and reporting of the *direct products and services* delivered by a program. They are typically collected by program or agency management.

23. Which of the following dates represent the program year for which output measures are collected for this program?

1.  October 1 - September 30 (federal fiscal year)
2.  January 1 - December 31
3.  April 1 - March 31
4.  July 1 - June 30
5.  Don't know
6.  Other (please state below)

23a. If other, what are the dates of the program year?

24. For each of the following years, how many students were directly served by this program?

24a. Number of **K-12** students served

1.  Check box at left if program does not serve K-12 students, and then go to question 24b.

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
2008	<input type="text"/>	1. <input type="checkbox"/>
2009	<input type="text"/>	1. <input type="checkbox"/>
2010	<input type="text"/>	1. <input type="checkbox"/>

24b. Number of **postsecondary** students served

1.  Check box at left if program does not serve postsecondary students, and then go to question 24c.

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
2008	<input type="text"/>	1. <input type="checkbox"/>
2009	<input type="text"/>	1. <input type="checkbox"/>
2010	<input type="text"/>	1. <input type="checkbox"/>

24c. Please describe how your agency determined the number of students directly served, if applicable.

25. For each of the following years, how many teachers were directly served by this program?

25a. Number of K-12 teachers served

1.  Check box at left if program does not serve K-12 teachers, and then go to question 25b.

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
2008	<input type="text"/>	1. <input type="checkbox"/>
2009	<input type="text"/>	1. <input type="checkbox"/>
2010	<input type="text"/>	1. <input type="checkbox"/>

25b. Number of postsecondary teachers served

1.  Check box at left if program does not serve postsecondary teachers, and then go to question 25c.

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
2008	<input type="text"/>	1. <input type="checkbox"/>
2009	<input type="text"/>	1. <input type="checkbox"/>
2010	<input type="text"/>	1. <input type="checkbox"/>

25c. Please describe how your agency determined the number of teachers directly served, if applicable.

26. For each of the following years, how many academic institutions were directly served by this program?

26a. Number of K-12 schools served

1.  Check box at left if program does not serve K-12 schools, and then go to question 26b.

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
---------------------	---	-------------------

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
2008	<input type="text"/>	1. <input type="checkbox"/>
2009	<input type="text"/>	1. <input type="checkbox"/>
2010	<input type="text"/>	1. <input type="checkbox"/>

**26b. Number of postsecondary institutions served**

1.  Check box at left if program does not serve postsecondary institutions, *and then go to question 26c.*

<u>Program year</u>	<u>Number served (if none, enter 0)</u>	<u>Don't know</u>
2008	<input type="text"/>	1. <input type="checkbox"/>
2009	<input type="text"/>	1. <input type="checkbox"/>
2010	<input type="text"/>	1. <input type="checkbox"/>

**26c. Please describe how your agency determined the number of academic institutions directly served, if applicable.**

**27. Were any grants, contracts, or cooperative agreements awarded under this program for the 2010 program year?**

1.  Yes
2.  No *(click here to skip to question 28)*
3.  Don't know *(click here to skip to question 28)*

**27a. If yes, please provide the number and total dollar amount of the grants, contracts or cooperative agreements awarded for the 2010 program year. (Please include both new and continuing awards and exclude any sub-awards.)**

Number of awards

Total dollar amount of awards

\$

**27b. If yes, who are the allowable award recipients?**

*(select one circle per each type of recipient)*

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
States	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	No answer
Local governments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School districts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K-12 schools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Postsecondary institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2- or 4-year undergraduate students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Graduate students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-academic institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please list below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please list:

As part of GAO's Quality Assurance Framework, we are required to ensure that data used in our reports are sufficiently reliable. Therefore, for any computer-processed data maintained by your agency or a third party that is used to track output measures for your program, we would like to ask you some basic questions about whether or not your agency carries out certain practices or procedures to ensure or monitor the quality of those data. Please check with other staff, as necessary.

**28. For databases or data systems maintained by program staff, which of the following policies and procedures are routinely followed?**

1.  Check box at left if no data systems are maintained by program staff, and then [click here to skip to question 29](#)

	Yes	No	Don't know	No answer
Perform routine edit checks, such as testing for outliers or other anomalies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conduct routine management reviews of system and data outputs to look for inconsistencies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adhere to written procedures that outline how data should be collected, stored, and processed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Limit access to database or system to appropriate program staff only	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please specify:

**29. For databases or data systems maintained by third parties, such as grantees or contractors, which of the following procedures do program staff routinely conduct?**

1.  Check box at left if no data systems are maintained by third parties, and then [click here to skip to question 30](#)

	Yes	No	Don't know	No answer
<b>Request and review documentation on how third party collects, stores, and processes data</b>				
<b>Perform routine edit checks, such as testing for outliers or other inconsistencies</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Independently verify output measures through site visits, tracing to source documents, or other method</b>				
<b>Other (please specify below):</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please specify:

30. **Which of the following non-program staff, if any, have reviewed the program's databases or systems since 2008?**

(select one circle per staff)

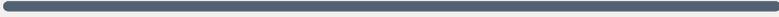
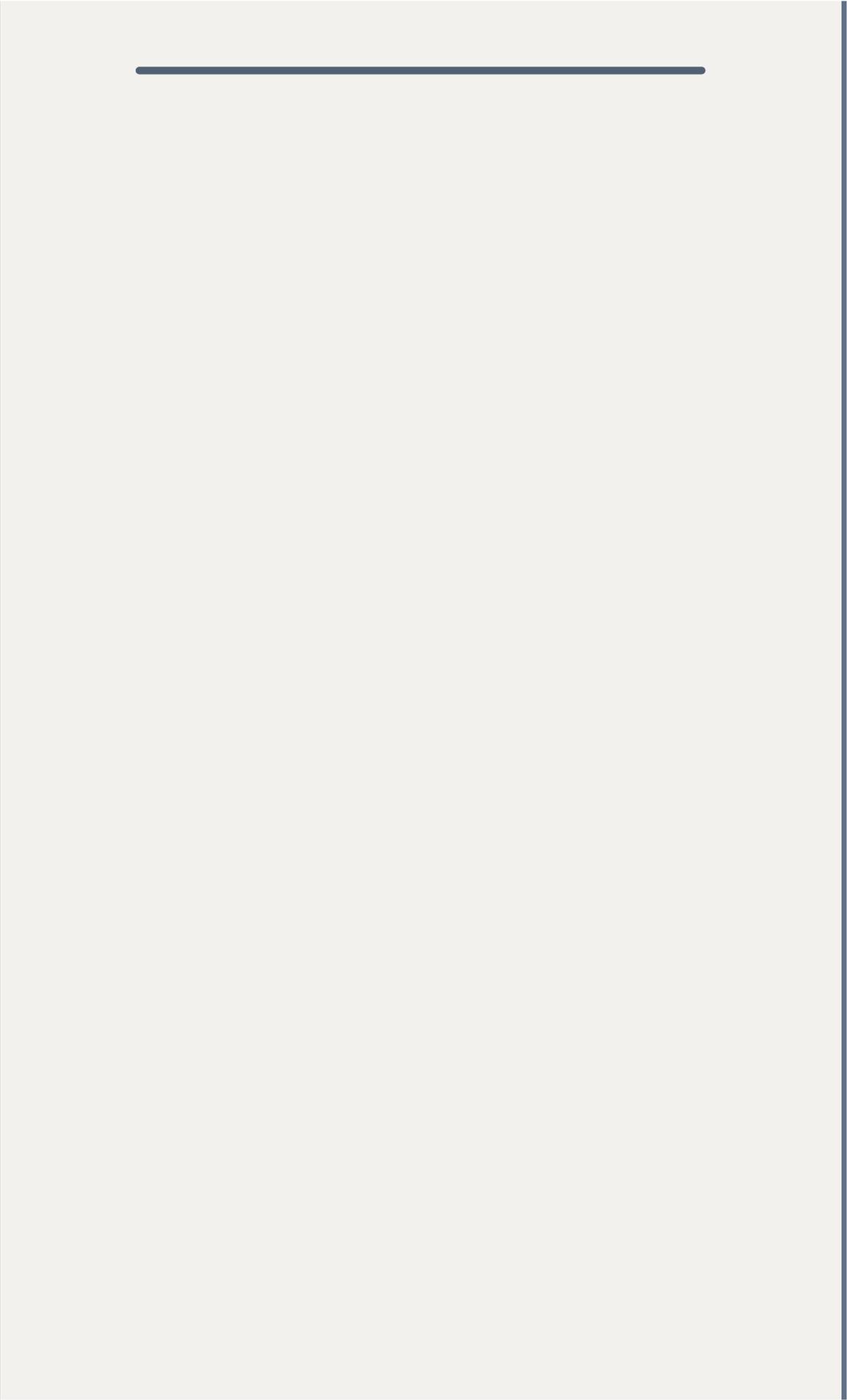
	Yes	No	Don't know	No answer
Inspector General or other internal auditor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Office of Management and Budget	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External auditor or evaluator (e.g. private contractors, consultants, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please specify:

31. **Do you know of any potential problems or limitations with the reliability of the data used to answer any of the questions in this section?**

1.  Yes
2.  No ([click here to go to Section IV: Program Outcome Measures & Evaluations](#))
3.  Don't know ([click here to go to Section IV: Program Outcome Measures & Evaluations](#))

31a. **If yes, what are the potential problems or limitations?**



## Section IV: Program Outcome Measures & Evaluations

In this section, we will be asking for information about outcome measures and program evaluations. Before answering these questions, please read the definitions provided below and, if necessary, consult with the staff in your agency responsible for monitoring research on this program's performance.

Note: **Outcome measurement** is the ongoing monitoring and reporting of the *results of the products and services* delivered by the program, or program accomplishments, particularly progress toward pre-established goals. It is typically conducted by program or agency officials.

32. **Has this program been evaluated by OMB's Program Assessment Rating Tool (PART) since the beginning of fiscal year 2005?**

1.  Yes
2.  No
3.  Don't know
4.  Not applicable

33. **Were any *outcome measures* tracked or monitored by your agency for this program in 2010?**

1.  Yes
2.  No ([click here to skip to question 34](#))

33a. **If yes, what type of outcomes were they?**

(select one circle per outcome)

	Yes	No	No answer
Student performance (e.g., attendance, test scores, pass rates, achieving selected performance levels, or grade point average)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number or percent of students who pursue coursework in STEM fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student educational attainment (includes obtaining a GED, high school diploma, or postsecondary degree)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number or percent of students who took a job in a STEM field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teacher improvement and performance in STEM education instruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number or percent of qualified teachers teaching STEM education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number or percent of institutions with expanded institutional capacity for STEM education (increase in classes, teachers, research opportunities for students,	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	No answer
infrastructure, etc.)			
Number or percent of research projects funded to enhance the quality of STEM education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program participant satisfaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please specify:

Note: **Program evaluations** are individual systematic studies conducted periodically or on an ad hoc basis to assess how well a program is working. They are often conducted by experts external to the program, either inside or outside the agency, as well as by program managers. A program evaluation typically examines achievement of program objectives in the context of other aspects of program performance or in the context in which it occurs.

**34. Has a program evaluation been completed in 2005 or later that evaluates the program's performance with regard to STEM education?**

(Before answering this question, please consult with the staff in your agency responsible for monitoring research on this program's performance.)

1.  Yes, completed ([click here to skip to question 36](#))
2.  Yes, but not completed ([click here to skip to question 35](#))
3.  No, but an evaluation is planned ([click here to skip to question 35](#))
4.  No, and no evaluation is planned ([click here to skip to question 38](#))
5.  Other (please describe below)

If other, please describe:

**35. What is the estimated date of completion of the performance evaluation?**

(enter date using YYYY-MM-DD format)

**After answering question 35,**

[click here to skip to question 38](#)

**36. If yes and completed, please provide a citation for the most recent evaluation.** Include in your citation the author, title, year, and other publication information (such as publisher, journal, volume, or report number). Please include a link to the publication, if available, or email a copy of the evaluation to [STEMSurvey@gao.gov](mailto:STEMSurvey@gao.gov). If an evaluation is already listed below, you do not need to cite the publication or provide GAO with a copy of it.

**Evaluation 1**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Author: \_\_\_\_\_

### Evaluation 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Author: \_\_\_\_\_

37. **Which of the following methods does your program use to disseminate program evaluation results?**

1.  Check box at left if your program has no formal mechanism to distribute evaluation results, and then

[click here to skip to question 38](#)

	Yes	No	No answer
Agency website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another agency's website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interagency meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Publication in professional journal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Publication through news releases, agency publications, etc.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E-mail notifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Press conference or agency briefing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentations at conference or forum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Webinars, Videos, Podcasts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contract with relevant organizations or associations for dissemination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other ( <i>please specify below</i> ):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "other", please specify:

Note: **Output measurement** is the ongoing monitoring and reporting of the *direct products and services* delivered by a program. It is typically conducted by program or agency officials.

38. **Does this program require grant or other funding recipients to perform any of the following activities to evaluate their program's performance?**

1.  Check box at left if not applicable, and then  
SKIP TO: Section V: Program Funding Levels

	Yes	No	No answer
Perform a program evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Track select outcome measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Track select output measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

---

## Section V: Program Funding Levels

You may need to consult with staff in your agency's budget office to answer these questions. For data reliability purposes, we will request supporting budget documentation from a randomly selected list of STEM programs. **Your program may be selected to provide this documentation.**

For questions in this section, please use the following definition:

An **obligation** is a definite commitment that creates a legal liability of the government for the payment of goods and services ordered or received, or a legal duty on the part of the United States that could mature into a legal liability. Payment may be made immediately or in the future. An agency incurs an obligation, for example, when it places an order, signs a contract, awards a grant, purchases a service, or takes other actions that require the government to make payments to the public or from one government account to another.

39. Please enter the dollar amount of the total federal funds obligated to the \_\_\_\_\_ in each of the following fiscal years. Please include American Recovery and Reinvestment Act (ARRA) dollars, if applicable. If no federal funds were obligated in a fiscal year, please enter "0" in the appropriate box.

<u>Fiscal year</u>	<u>Total program obligations</u>	<u>Obligations (Non-ARRA)</u>	<u>Obligations (ARRA)</u>
2008 (actual)	<input type="text"/>	<input type="text"/>	N/A
2009 (actual)	<input type="text"/>	<input type="text"/>	<input type="text"/>
2010 (actual)	<input type="text"/>	<input type="text"/>	<input type="text"/>
2011 (planned)	<input type="text"/>	<input type="text"/>	<input type="text"/>
2012 (planned)	<input type="text"/>	<input type="text"/>	<input type="text"/>

40. Please enter the dollar amount of the total federal funds obligated with the STEM education component of the \_\_\_\_\_ only for each of the following fiscal years. If \_\_\_\_\_ consists of STEM education activities only (i.e., the figures for question 40 are the same as for question 39), please check the boxes with the same numbers as above. If no federal funds were obligated in a fiscal year, please enter "0" in the appropriate box.

1.  Check box at left if funds obligated to the STEM education component only is unknown or unable to determine, and then

[click here to skip to question 41](#)

<u>Fiscal year</u>	<u>Total program obligations</u>	<u>Obligations (Non-ARRA)</u>	<u>Obligations (ARRA)</u>	<u>Same as question 39</u>
2008 (actual)	<input type="text"/>	<input type="text"/>	N/A	1. <input type="checkbox"/>

<u>Fiscal year</u>	<u>Total program obligations</u>	<u>Obligations (Non-ARRA)</u>	<u>Obligations (ARRA)</u>	<u>Same as question 39</u>
2009 (actual)	<input type="text"/>	<input type="text"/>	<input type="text"/>	1. <input type="checkbox"/>
2010 (actual)	<input type="text"/>	<input type="text"/>	<input type="text"/>	1. <input type="checkbox"/>
2011 (planned)	<input type="text"/>	<input type="text"/>	<input type="text"/>	1. <input type="checkbox"/>
2012 (planned)	<input type="text"/>	<input type="text"/>	<input type="text"/>	1. <input type="checkbox"/>

41. Does your program track expenditures for its federal administrative costs? For the purposes of this survey, federal administrative costs are all direct and indirect costs incurred by the federal government to administer this program excluding funds provided to grantees or program beneficiaries.

1.  Yes
2.  No ([click here to skip to question 42](#))

41a. If yes, what were the program's fiscal year 2010 expenditures for federal administrative costs?

\$

After answering question 41a,  
[click here to skip to question 43](#)

42. If no, what were the estimated federal administrative costs as a percent of total program costs for the fiscal year 2010?

1.  0 to < 2 percent
2.  2 to < 5 percent
3.  5 to < 10 percent
4.  10 to < 15 percent
5.  15 percent or greater
6.  Unable to estimate

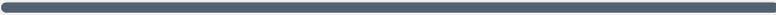
43. Please describe how your agency determined actual or estimated federal administrative costs for the program in questions 41 and 42.

44. If you have any additional comments or questions about this questionnaire or about programs that support education in science, technology, engineering, and mathematics, please write them below.



45. **Please provide information of the person who primarily completed this questionnaire.** We may contact this individual with follow-up questions or for additional information.

Name	<input type="text"/>
Department	<input type="text"/>
Agency	<input type="text"/>
Office/ Division	<input type="text"/>
Title	<input type="text"/>
Phone (xxx-xxx-xxx)	<input type="text"/>
E-mail address	<input type="text"/>



## Submit your responses to GAO

46. **This completes our survey. Are you ready to submit your final completed survey to GAO?**

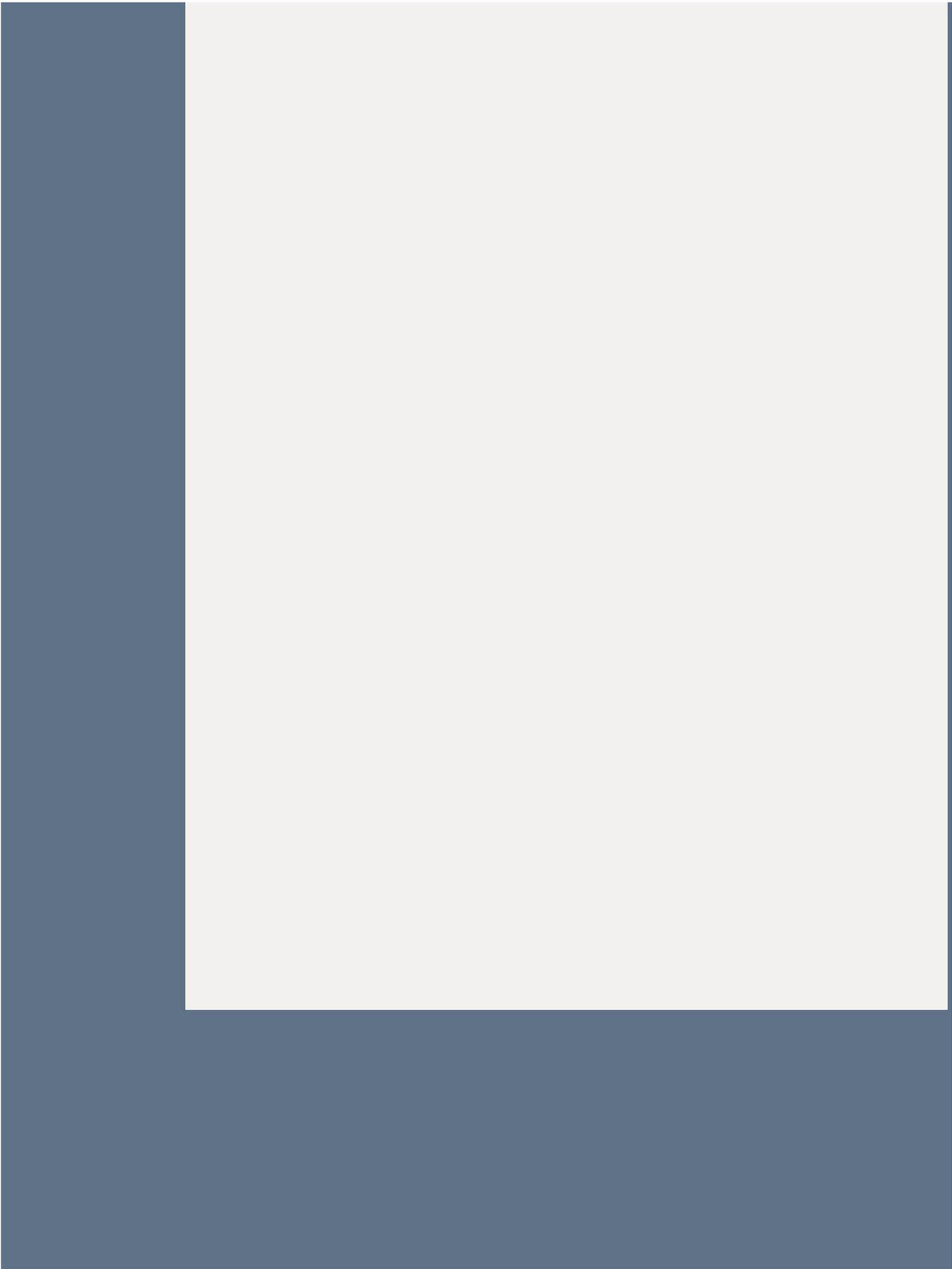
1.  Yes, my survey is complete - *To submit your final responses, please click on "Exit" below*
  2.  No, my survey is not yet complete - *To save your responses for later, please click on "Exit" below*
-

*You may view and print your completed survey by clicking on the Summary link in the menu to the left.*

**Print screen**

**Submit**

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The following definitions and program inclusion criteria were provided to federal agencies in order to populate the list of STEM education programs being surveyed through this questionnaire:

We are defining *STEM education program* as a program that includes one or more of the following as a **primary** objective:

- Attract or prepare students to pursue classes or coursework in STEM areas through formal or informal education activities; (Informal education programs provide support for activities provided by a variety of organizations that offer students learning opportunities outside of formal schooling through contests, science fairs, summer programs, and other means. Outreach programs targeted to the general public, should not be considered a STEM education program.)
- Attract students to pursue degrees (2-year, 4-year, graduate, or doctoral degrees) in STEM fields through formal or informal education activities;
- Provide training opportunities for undergraduate or graduate students in STEM fields; (This can include grants, fellowships, internships, and traineeships that are targeted to students. General research grants that are targeted to researchers that may hire a student to work in the lab should not be considered a STEM education program.)
- Attract graduates to pursue careers in STEM fields;
- Improve teacher (pre-service or in-service) education in STEM areas;
- Improve or expand the capacity of K-12 schools or postsecondary institutions to promote or foster education in STEM fields; and
- Conduct research to enhance the quality of STEM education provided to students.

For the purposes of this study, the term *STEM education program* refers to an organized set of activities supported by a congressional appropriation or allocation. Further, the program should be considered as a single program even when the funds are subsequently allocated to others. Please include programs that received one-time, limited funds in the fiscal year 2010, which includes earmarked funds. Programs may provide, but are not limited to, funding for grants, fellowships, internships, and traineeships. While programs designed to retain current employees in STEM fields should not be included, programs that fund retraining of workers to pursue a degree in a STEM field should be included.

Also, please note that STEM fields would include healthcare professionals who work in or students who train for careers that primarily work in scientific research. Healthcare professionals who work in or students who train for careers that primarily work in patient care should NOT be considered STEM (Note: this would apply to such professions as nurses, doctors, dentists, psychologists, or veterinarians).



## INSTRUCTIONS

### How to Move Around:

- If all the questions on a page don't fit on your screen, slider bars will be visible on the bottom and side of your screen. Reposition the page as necessary.
- Use the **"Next"** and **"Previous"** buttons at the bottom of each page to move forwards and backwards through the survey at any time.
- The **menu window** on the left side of the screen can also be used to jump to any section.

### How to Save Your Answers and Come Back Later:

- To save and temporarily exit this survey at any time, press the **"Exit"** button at the bottom of a page.
- **Always use the "Exit" button to close the questionnaire. If you do not, you may lose information you entered on your current page.**
- To re-open your survey and enter more responses or change previous responses, come back to the web address we gave you and re-enter your user name and password.
- The survey will restart at the last question you answered.

### How to Print Your Answers:

Click on the "View and print summary of your responses" link in the menu on the left.

### How to Tell Us You're Done:

The last question asks you to tell us when you have completed the survey and that GAO can use your answers. We won't use your answers until you have done this.

### How to Get Help:

If you have any questions about this GAO survey, please contact:

Ryan Siegel  
(415) 904-2062  
[SiegelR@gao.gov](mailto:SiegelR@gao.gov)

Karen Brown  
(443) 609-4741  
[BrownKA@gao.gov](mailto:BrownKA@gao.gov)

If you encounter any technical difficulties, please contact:

Jill Lacey  
(202) 512-5856  
[LaceyJ@gao.gov](mailto:LaceyJ@gao.gov)