

APPENDIX B1

GK-12 Monitoring System Crosswalk: Award

DATA ELEMENTS OF THE GRADUATE STEM FELLOWS IN K-12 EDUCATION

MONITORING SYSTEM (GK-12): AWARD

(Data Collected Annually from Awards)

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs ⁱⁱⁱ
	Questions			
	1. Award Information			
	Award Status		X	
	NSF Award ID		X	
	Grantee Institution		X	
	Award Title		X	
	Award Start Date (Month, Day, Year)		X	
	Award End Date (Month, Day, Year)		X	
X	Annual Carryover Funds: Dollar amount of current year of GK-12 support that will be carried over Total dollar amount that will be carried over Dollar amount of participant support costs that will be carried over Dollar amount of stipends that will be carried over		X	
X	List the top three subdisciplines associated with your GK-12 project: Subdiscipline 1: _____ Subdiscipline 2: _____ Subdiscipline 3: _____		X	
	Award URL		X	
	2. Partnerships and Collaborations			
	U.S. Academic Institution			
	Institution Name	X		
	City	X		
	State	X		
	Non-U.S. Academic Institution			
	Institution Name	X		
	Country	X		
	Non Academic Institution			
X	Institution Name	X		
X	Institution Type (mark all that apply) <ul style="list-style-type: none"> • Museum • Science Center • Industrial Partner 	X		

New Elements	Common Collection Categories	Staff and Project Participant Categories	Project Implementation	Project Outputs
	Questions <ul style="list-style-type: none"> • Business Partner • Government Agency • National Laboratory • Nonprofit Organization • Other 			
	3. Participating Schools In Your GK-12 Project			
	K-12 School			
	School Name	X		
	School Level (select one) <ul style="list-style-type: none"> • Elementary (K–5/6) • Middle (6–8) • High school grades (9–12) • Pre-K/kindergarten through middle school (K–8) • Middle through high (7–12) 	X		
	State	X		
	District Name	X		
	School Setting/Location (select one) <ul style="list-style-type: none"> • Rural • Urban • Suburban 	X		
	School Type (mark all that apply) <ul style="list-style-type: none"> • Charter • Private • Public 	X		
	Percentage of students who are eligible for free or reduced price lunch (select one) <ul style="list-style-type: none"> • Not applicable • 1–10% • 11–20% • 21–30% • 31–40% • 41–50% • 51–60% • 61–70% • 71–80% • 81–90% • 91–100% 	X		
	4. Lead Principal Investigators and Co-Principal Investigator Information			
	PI/Co-PI			

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs
	Questions			
	Name: Title First name Middle name Last name Suffix	X		
	<input type="checkbox"/> Lead PI	X		
	Institutional affiliation (Name and State)			
	Phone: Number Extension	X		
	Alternate Phone: Number Extension Type (mark one) • U.S. number • Non-U.S. number	X		
	E-mail Address	X		
	Should the system e-mail a user ID and password to this participant? • Yes • No		X	
	Will this participant have authority to enter data? • Yes • No		X	
X	Should this participant receive announcements and reminders that are sent to the project's lead PI? • Yes • No		X	
	Title (e.g. Professor)		X	
X	Affiliation/Academic Department	X		
X	In what roles, functions, and activities does this PI/co-PI serve the project?		X	
	Academic Disciplines (mark all that apply) • Chemistry - Analytical • ...see endnotes for complete list ^{iv} ... • STEM Education and Learning Research – Other (please specify): _____ • Other (please specify): _____	X		
X	Does this co-PI belong to any of the following categories for education faculty? • Yes (mark all capacities that apply) • Education faculty in STEM department/college. For instance, she/he could be an education person who belongs to a Biology department; this person is responsible for biological education related matters that could be biological	X		

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs
	Questions			
	<ul style="list-style-type: none"> • education research and/or teaching in the department. • Education faculty in the school or college of education • Education and outreach director in a STEM department, college, university and/or research centers • Other educational faculty (please specify): _____ • No 			
X	Ethnicity (select one) <ul style="list-style-type: none"> • Not Hispanic or Latino • Hispanic or Latino • Not reported 	X		
X	Race (mark one or more) <ul style="list-style-type: none"> • American Indian or Alaska Native • Asian • Black or African American • Native Hawaiian or Pacific Islander • White • Not reported 	X		
	Gender (select one) <ul style="list-style-type: none"> • Female • Male • Not reported 	X		
	Disability (mark one or more) <ul style="list-style-type: none"> • None • Hearing impairment • Mobility or orthopedic impairment • Visual impairment • Not reported • Other (please specify) _____ 	X		
	5. Project Coordinator Information			
	<input type="checkbox"/> Mark the box if your project does not have a coordinator and skip the other questions in this section		X	
	Project Coordinator			
	Name: <ul style="list-style-type: none"> Title First name Middle name Last name Suffix 	X		
X	Should the system e-mail a user ID and password to this Project Coordinator? <ul style="list-style-type: none"> • Yes • No 		X	

New Elements	Common Collection Categories	Staff and Project Participant Categories	Project Implementation	Project Outputs
X	Questions Will this participant have the authority to enter data? <ul style="list-style-type: none"> • Yes • No 		X	
X	Should this participant receive copies of announcements and reminders that are sent to your project's lead PI from this system and its Technical Support staff? <ul style="list-style-type: none"> • Yes • No 		X	
	Phone: Number Extension	X		
	Alternate Phone: Number Extension Type (mark one) <ul style="list-style-type: none"> • U.S. number • Non-U.S. number 	X		
	E-Mail Address	X		
	6. Graduate Fellow Information			
	Graduate Fellow			
	Name: Title First name Middle name Last name Suffix	X		
	Citizenship (select one) <ul style="list-style-type: none"> • U.S. citizen • Permanent resident • U.S. national • Non-U.S. citizen 	X		
	Phone: Number Extension	X		
X	Alternate Phone: Number Extension Type (mark one) <ul style="list-style-type: none"> • U.S. number • Non-U.S. number 	X		

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs
	Questions			
	E-mail Address	X		
	Fellowship Start Date Month Year		X	
	Fellowship End Date Month Year		X	
	Total stipend received by graduate fellow <ul style="list-style-type: none"> • Funded by NSF at the full rate of \$30,000/yr • Funded by other source(s), please specify: If funded by other source(s): Source(s) of non-NSF funding \$ Amount 		X	
	7. Cooperating Teacher Information			
	Cooperating Teacher			
	Name: Title First name Middle name Last name Suffix	X		
	Phone: Number Extension	X		
X	Alternate Phone: Number Extension Type (mark one) <ul style="list-style-type: none"> • U.S. number • Non-U.S. Number 	X		
	School E-mail Address	X		
X	Other E-mail Address	X		
X	<input type="checkbox"/> Lead teacher and/or NSF supported Teacher		X	
X	What NSF GK-12 funds did this teacher receive during the current reporting period? Stipend \$ _____ Travel Budget \$ _____ Materials Budget \$ _____ Other \$ _____ Please Explain: _____		X	

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs
	Questions			
	8. Award Evaluator Information			
	Award Evaluator			
	Name: Title First name Middle name Last name Suffix	X		
X	Phone: Number Extension	X		
X	Alternate Phone: Number Extension Type (mark one) • U.S. number • Non-U.S. number	X		
X	E-mail Address	X		
X	Organization/Unit	X		
	9. Other Participant Information			
	Other Participant			
	Name: Title First name Middle name Last name Suffix	X		
X	Should the system e-mail a user ID and password for this participant? • Yes • No		X	
X	Will this participant have the authority to enter data? • Yes • No		X	
X	Participant Role (select one) • Programmer • Technician • Other (Please specify) : _____		X	

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs
X	Questions Phone: Number Extension Alternate Phone: Number Extension Type (mark one) <ul style="list-style-type: none"> • U.S. number • Non-U.S. number 	X		
	E-mail Address	X		
	10. Academic Achievements Related to GK-12 Activities and Themes			
	Achievement			
	Academic Achievement Product (select one) <ul style="list-style-type: none"> • Educational product – Educational research – Journals – Refereed • Educational product – Educational research – Journals – Non-refereed • Educational product – Educational research – Book • Educational product – Educational research – Book Chapter • Educational product – Institutional presentation – Conference presentation/poster • Educational product – Institutional presentation – Conference proceeding • Educational product – Institutional presentation – Invited talk/seminar • Educational product – Instructional product – Instructional materials • Educational product – Instructional product – Teaching modules • Educational product – Instructional product – Curriculums and lesson plans • Scientific Product – Refereed journal • Scientific Product – Non-refereed journal • Scientific Product – Book • Scientific Product – Book chapter • Scientific Product – Conference proceeding • Scientific Product – Conference presentation/poster • Scientific Product – Invited talk • Scientific Product – Seminar • Patent application • Patent awarded • Other (please specify): _____ 			X
	Citation (with NSF-funded GK-12 fellows noted by “*” and cooperating teachers noted by “+”)			X
	11. Additional Funding Sources			
	Source			
	Source Name		X	
	Additional funding source type (select one) <ul style="list-style-type: none"> • Business 		X	

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs																																																						
	Questions <ul style="list-style-type: none"> • Foundation • State government • Federal Government • Local government • Home institution • Other (please specify): _____ 																																																									
X	Additional funding type (mark all that apply) <ul style="list-style-type: none"> • Monetary contribution • Materials and supplies • Equipment • Other (please specify): _____ 		X																																																							
	Amount of additional funding \$ _____		X																																																							
	12. Program Outreach Information																																																									
	Outreach Activity																																																									
X	Activity Title			X																																																						
	Activity description			X																																																						
	13. Development Activities																																																									
X	Fellows' Developmental Activities: <table border="1" data-bbox="172 1110 1208 1856" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="172 1110 604 1241" rowspan="2">Activity</th> <th colspan="5" data-bbox="604 1110 1083 1146"><i>Frequency (mark one per activity)</i></th> <th data-bbox="1083 1110 1208 1241" rowspan="2"><i>Other (please specify)</i></th> </tr> <tr> <th data-bbox="604 1146 721 1241"><i>Summer</i></th> <th data-bbox="721 1146 828 1241"><i>Weekly</i></th> <th data-bbox="828 1146 964 1241"><i>Bimonthly</i></th> <th data-bbox="964 1146 1083 1241"><i>Monthly</i></th> <th data-bbox="1083 1146 1208 1241"></th> </tr> </thead> <tbody> <tr> <td data-bbox="172 1241 604 1360">Fellows took coursework/training (e.g., new courses, seminars) that included regular critique of and feedback on communication skills.</td> <td data-bbox="604 1241 721 1360" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="721 1241 828 1360" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="828 1241 964 1360" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="964 1241 1083 1360" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1083 1241 1208 1360"></td> </tr> <tr> <td data-bbox="172 1360 604 1425">Fellows received training in collaboration and team building.</td> <td data-bbox="604 1360 721 1425" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="721 1360 828 1425" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="828 1360 964 1425" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="964 1360 1083 1425" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1083 1360 1208 1425"></td> </tr> <tr> <td data-bbox="172 1425 604 1488">Fellows received training to develop their leadership skills.</td> <td data-bbox="604 1425 721 1488" style="text-align: center;"><input type="checkbox"/></td> <td 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related to developing GK-12 activities.</td> <td data-bbox="604 1608 721 1728" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="721 1608 828 1728" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="828 1608 964 1728" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="964 1608 1083 1728" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1083 1608 1208 1728"></td> </tr> <tr> <td data-bbox="172 1728 604 1793">Fellows received training on effective time and task management.</td> <td data-bbox="604 1728 721 1793" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="721 1728 828 1793" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="828 1728 964 1793" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="964 1728 1083 1793" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1083 1728 1208 1793"></td> </tr> <tr> <td data-bbox="172 1793 604 1856">Fellows developed multimedia materials, Web sites, or other cyber-</td> <td data-bbox="604 1793 721 1856" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="721 1793 828 1856" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="828 1793 964 1856" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="964 1793 1083 1856" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1083 1793 1208 1856"></td> </tr> </tbody> </table>	Activity	<i>Frequency (mark one per activity)</i>					<i>Other (please specify)</i>	<i>Summer</i>	<i>Weekly</i>	<i>Bimonthly</i>	<i>Monthly</i>		Fellows took coursework/training (e.g., new courses, seminars) that included regular critique of and feedback on communication skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Fellows received training in collaboration and team building.	<input 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type="checkbox"/>				X
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New Elements	Common Collection Categories						Staff and Project Participant	Project Implementation	Project Outputs																														
	Questions																																						
X	enabled tools to communicate their research activities to external audiences. Fellows had other preparation in professional skills development (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				X																														
X	Fellows' other development activities: (mark all that apply) <ul style="list-style-type: none"> Fellows participated with teachers in content and pedagogy sessions related to developing GK-12 activities Fellows developed multimedia materials or other cyber-enabled tools to communicate to external audiences Fellows developed and presented course and/or curriculum materials Fellows served as a mentor to others (e.g., graduate students, undergraduates, laboratory technicians) Fellows authored/coauthored and submitted grant proposals Fellows had professional interactions other than internships with non-academic employers (e.g., industry, government) in order to learn about carrier opportunities and requirements Fellows communicated, worked, or collaborated with scientists of other nationalities Fellows made presentations to non-academic public Fellows received other preparation in professional skills development (please specify): _____ 								X																														
	Cooperating Teachers' Development Activities: (mark all that apply)																																						
X	<table border="1"> <thead> <tr> <th data-bbox="170 1816 966 1858"><i>Activity</i></th> <th data-bbox="966 1816 1079 1858"><i>Summer</i></th> <th data-bbox="1079 1816 1201 1858"><i>Yearlong</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="170 1858 966 1911">Teachers and fellows participated in content and pedagogy training related to developing GK-12 activities.</td> <td data-bbox="966 1858 1079 1911"><input type="checkbox"/></td> <td data-bbox="1079 1858 1201 1911"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 1911 966 1942">Teachers participated with fellows in training that stressed teamwork.</td> <td data-bbox="966 1911 1079 1942"><input type="checkbox"/></td> <td data-bbox="1079 1911 1201 1942"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 1942 966 1974">Teachers received training in effective mentoring skills.</td> <td data-bbox="966 1942 1079 1974"><input type="checkbox"/></td> <td data-bbox="1079 1942 1201 1974"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 1974 966 2026">Teachers participated in coursework/training sessions that helped increase their science content knowledge.</td> <td data-bbox="966 1974 1079 2026"><input type="checkbox"/></td> <td data-bbox="1079 1974 1201 2026"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 2026 966 2079">Teachers participated as team members engaged in joint research and educational efforts.</td> <td data-bbox="966 2026 1079 2079"><input type="checkbox"/></td> <td data-bbox="1079 2026 1201 2079"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 2079 966 2100">Teachers made presentations at academic/scientific professional conferences or meetings.</td> <td data-bbox="966 2079 1079 2100"><input type="checkbox"/></td> <td data-bbox="1079 2079 1201 2100"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 2131 966 2100">Teachers participated in the development of multimedia materials, Web sites, or other cyber-enabled tools for teaching/learning.</td> <td data-bbox="966 2131 1079 2100"><input type="checkbox"/></td> <td data-bbox="1079 2131 1201 2100"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 2184 966 2100">Teachers participated in training in authoring, submitting, or publishing professional papers.</td> <td data-bbox="966 2184 1079 2100"><input type="checkbox"/></td> <td data-bbox="1079 2184 1201 2100"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="170 2236 966 2100">Teachers had other preparation in professional skills development (please specify): _____</td> <td data-bbox="966 2236 1079 2100"><input type="checkbox"/></td> <td data-bbox="1079 2236 1201 2100"><input type="checkbox"/></td> </tr> </tbody> </table>						<i>Activity</i>	<i>Summer</i>	<i>Yearlong</i>	Teachers and fellows participated in content and pedagogy training related to developing GK-12 activities.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers participated with fellows in training that stressed teamwork.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers received training in effective mentoring skills.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers participated in coursework/training sessions that helped increase their science content knowledge.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers participated as team members engaged in joint research and educational efforts.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers made presentations at academic/scientific professional conferences or meetings.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers participated in the development of multimedia materials, Web sites, or other cyber-enabled tools for teaching/learning.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers participated in training in authoring, submitting, or publishing professional papers.	<input type="checkbox"/>	<input type="checkbox"/>	Teachers had other preparation in professional skills development (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>			X
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Teachers had other preparation in professional skills development (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>																																					
	14. International Experience																																						
X	<input type="checkbox"/> Mark the box if your project did not participate in an international							X																															

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs
	Questions			
X	experience and skip the other questions in this section. What country or countries did any your project participants visit as part of the GK-12 international experience (select all that apply) <ul style="list-style-type: none"> • Afghanistan • Albania ... 		X	
X	How many of your fellows engaged in an international experience through the GK-12 project during this reporting period:_____		X	
X	How many of your teachers engaged in an international experience through the GK-12 project during this reporting period:_____		X	
X	Identify the following international activities involving GK-12 fellows (mark all that apply) <ul style="list-style-type: none"> • Fellow(s) worked in a university and conducted research overseas. • Fellow(s) worked as a team with teachers and students overseas. • Fellow(s) worked with their teachers overseas. • Fellow(s) attended conferences/workshops. • Other international activities (please specify):_____ 		X	
X	Identify the following international activities involving GK-12 teachers (mark all that apply) <ul style="list-style-type: none"> • Teacher(s) worked as a team with their fellow in similar to GK-12 activities with international teachers and students. • Teacher(s) attended conferences/workshops. • Teacher(s) took coursework/training. • Teacher(s) worked or conducted research/field work with their fellow. • Other international activities (please specify):_____ 		X	
X	Identify the opportunities for PIs and co-PIs that resulted from the international experiences associated with the GK-12 project. (mark all that apply) <ul style="list-style-type: none"> • Developed new collaborations • Developed new access to facilities/skills • Developed new opportunities for research/education/training • Other (please specify):_____ 			X
X	Do you plan to maintain the collaborations developed from the international experience <ul style="list-style-type: none"> • No • Yes, please specify:_____ 			X
X	Please specify why your project does or does not plan to maintain collaborations developed from the international experiences:		X	
X	Briefly identify up to three research or educational achievements resulting from the international component of your GK-12 project. Each achievement may involve a single fellow or a group of fellows. Achievement 1:_____ Achievement 2:_____ Achievement 3:_____			X

New Elements	Common Collection Categories	Staff and Project Participant	Project Implementation	Project Outputs																																			
Questions																																							
15. Program Impact																																							
X	Do you have an overall plan in place and active with a specific set of goals and timelines for recruitment and retention of GK-12 fellows, including specifics for broadening participation of groups underrepresented in science and engineering? <ul style="list-style-type: none"> • Yes • No 		X																																				
X	Regardless of your response to the previous question, please describe up to three of the best practices you employed to recruit qualified fellows to your GK-12 project during this reporting period. Best Practice 1: _____ Best Practice 2: _____ Best Practice 3: _____		X																																				
X	Please describe the extent to which each of the following practices has been productive for recruiting fellows overall to your GK-12 project during this reporting period <table border="1" data-bbox="175 1050 1208 1570"> <thead> <tr> <th data-bbox="175 1050 704 1108"><i>Practice</i></th> <th data-bbox="704 1050 850 1108"><i>Productive</i></th> <th data-bbox="850 1050 997 1108"><i>Somewhat Productive</i></th> <th data-bbox="997 1050 1143 1108"><i>Not Productive</i></th> <th data-bbox="1143 1050 1208 1108"><i>N/A</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="175 1108 704 1226">*Relationships with NSF programs that can provide an undergraduate pool of potential GK-12 fellows (e.g., REU's NSF Centers)</td> <td data-bbox="704 1108 850 1226" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="850 1108 997 1226" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="997 1108 1143 1226" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1143 1108 1208 1226" style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="175 1226 704 1289">*Relationships with faculty and programs at other academic institutions</td> <td data-bbox="704 1226 850 1289" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="850 1226 997 1289" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="997 1226 1143 1289" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1143 1226 1208 1289" style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="175 1289 704 1381">*Use of recruiting resources on the GK-12 campus (e.g., career service office, graduate studies office)</td> <td data-bbox="704 1289 850 1381" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="850 1289 997 1381" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="997 1289 1143 1381" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1143 1289 1208 1381" style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="175 1381 704 1444">*Collaboration with other NSF-funded programs to improve recruitment</td> <td data-bbox="704 1381 850 1444" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="850 1381 997 1444" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="997 1381 1143 1444" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1143 1381 1208 1444" style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="175 1444 704 1537">*Use of professional meetings, conferences, associations to communicate, research, and market to potential GK-12 fellows</td> <td data-bbox="704 1444 850 1537" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="850 1444 997 1537" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="997 1444 1143 1537" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1143 1444 1208 1537" style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="175 1537 704 1570">Other (please specify): _____</td> <td data-bbox="704 1537 850 1570" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="850 1537 997 1570" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="997 1537 1143 1570" style="text-align: center;"><input type="checkbox"/></td> <td data-bbox="1143 1537 1208 1570" style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>	<i>Practice</i>	<i>Productive</i>	<i>Somewhat Productive</i>	<i>Not Productive</i>	<i>N/A</i>	*Relationships with NSF programs that can provide an undergraduate pool of potential GK-12 fellows (e.g., REU's NSF Centers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*Relationships with faculty and programs at other academic institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*Use of recruiting resources on the GK-12 campus (e.g., career service office, graduate studies office)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*Collaboration with other NSF-funded programs to improve recruitment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*Use of professional meetings, conferences, associations to communicate, research, and market to potential GK-12 fellows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			X
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X	Please describe the extent to which each of the following practices has been productive for recruiting underrepresented minority and women fellows overall to your GK-12 project during this reporting period.		X																																				

New Elements	Common Collection Categories								Staff and Project Participant	Project Implementation	Project Outputs
	Questions	Underrepresented Minorities				Women					
	Practice	Productive	Somewhat	Not	N/A	Productive	Somewhat	Not	N/A		
	*Relationships with NSF programs that specifically focus on broadening participation of women or underrepresented minorities in STEM (e.g., LSAMP, AGEP, TCUP, ADVANCE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	*Use of resources on the campus (e.g., academic development programs, offices for campus diversity, or minority and women's student groups)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	*Interaction with professional associations, organizations, or committees serving women or underrepresented minority communities (e.g., National Action Council for Minorities in Engineering, Society of Women Engineers, committees in professional societies focused on minority communities and women)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	*Bridge programs for entering graduate students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	*Mentoring or advisement arrangements that take advantage of underrepresented minorities or women faculty or graduate students on campus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	*Relationships with faculty and programs at minority-serving academic institutions (e.g., historically black colleges and universities, Hispanic-serving institutions, tribal colleges)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	*Collaboration with other GK-12 projects for recruitment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Other (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

New Elements	Common Collection Categories										Staff and Project Participant	Characteristics	Project Outputs
	Questions												
	16. Verify Fellows Interactions with K-12 Students												
X	Approve/edit/add fellow-teacher pairs submitted by fellows and teachers											X	
X	Approve/edit/add in- classroom locations submitted by fellows												X
X	Approve/edit/add out-of-classroom activities submitted by fellows												X

