Appendix D. Instruments – Teacher Log

Screenshots

Word document (used for instrument development)



OMB #: xxxxxxxx
OMB Expiration Date: xx/xx/xx

Greetings,

NASA (the National Aeronautics and Space Administration) is conducting a study of its NASA Explorer Schools (NES) project. Abt Associates Inc., a research firm in Cambridge, Massachusetts and its partner Education Development Center have been hired to conduct this study. The goal of the study is to examine how NES is being implemented in schools and outcomes related to the use of NES materials in classrooms. You have been selected for participation in the study based on your implementation of NES. The information we receive from you will help NASA improve the NES project and understand the relationship between NES and students' interest in and understanding of science, technology, engineering, and mathematics (STEM).

Confidentiality and Participation

Teacher logs are being completed by a subset of teachers in NES to help NASA learn about how often and how the NES materials are being used. Participation in the study is voluntary and nonparticipation will have no impact on you or your school. You may skip questions on the survey or discontinue participation at any time. There is minimal risk of breach of confidentiality, and we have put in place procedures in place to minimize this risk. You will never be identified by name, and information from the study will only be reported in the aggregate at the program level, combined with about 200 other responses.

Completing the Log

We estimate that it will take approximately 10 minutes to complete the survey. If you have questions about the study, please contact the study team director, Alina Martinez of Abt Associates Inc. at (855) 646-3308 (toll-free) or send an email to MASAExplorerSchoolsStudy@abtassoc.com. You may also contact the evaluation's program officer at NASA Brian Yoder (Brian.Yoder@nasa.gov). If you have questions about your rights as a research participant, you may contact Teresa Doksum, the Abt Institutional Review Board Administrator at (877) 520-6835.

This log will cover your NES activities from 7/30/11 to 9/2/11.

Consent

Please click the "Continue" button below if you agree to participate in this study.

Paperwork Reduction Act Statement - This information collection meets the requirements of 44 U.S.C. § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget control number. We estimate that it will take about 10 minutes to read the instructions, gather the facts, and answer the questions. You can find additional information on this program at http://www.nasa.gov/offices/education/programs/national/nes2/home/index.html You may send comments on our time estimate above to: NASAExplorerSchoolsStudy@abtassoc.com. Please send only comments relating to our time estimate to this address, not the completed form.







Activity Reporting

Please answer all questions for the time period from 7/30/11 to 9/2/11

| | Yes | No |
|--|--------------------------|----|
| 1. Did you use any NES classroom modules in class? | 0 | 0 |
| 2. Did you view any NASA Now events in class? | © | 0 |
| 3. Did you view any ePD clips? | 0 | 0 |
| 4. Did you use the NES helpdesk? | | |
| 5. Did you seek advice from other NES teachers? | 0 | 0 |
| 6. Did you use any NES social networks? (examples: NEON, Teacher's Corner blog, Facebook, NES Twitter, NASA Twitter) | | |
| 7. Did you use any technological resources to enhance your NES activities? (examples: use computer programs to enhance NES classroom content, participate in NES/NASA chats, assign technological activities to supplement NES classroom content, use technology to collaborate with other teachers) | | • |
| 8. Did you involve the families of your students in NES activities? (examples: create/distribute parent newsletter, increase parental engagement in classroom, highlight NES activities in discussions with parents) | | |
| 9. Did you involve people or resources from outside the school community (not including families in NES activities? (examples: fieldtrips to museums or STEM workplaces to expand on NES content, invite STEM professionals to speak in classrooms, plan a community NES Night, create an NES afterschool club) | © | • |
| Yes No | If yes, please describe. | |
| 10. Did you engage in any other NES activities, not mentioned above? | | |
| 11. Did you encounter technical issues with any NES products? | | |
| 12. Approximately how many hours did you spend exploring the NES Virtual campus? | | |

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PART A - Use of Classroom Modules

On the Activity Reporting page, you indicated that you had used one or more NES classroom modules in class. Please answer the questions in Part A for up to four of these modules.

A1. Select the NES classroom module(s) that you used in class. For each module, with how many different classrooms of students did you use the module?

| | Module name | | Number of classrooms |
|-----------|-------------|---|----------------------|
| Module #1 | Select: | • | |
| Module #2 | Select: | • | |
| Module #3 | Select: | | |
| Module #4 | Select: | • | |

Abt Abt Associates Inc.

PART A - Use of Classroom Modules continued

Please answer the following questions for module #1, Black Hole Math.

| | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree |
|---|-------------------|-------|-------------------------------------|----------|----------------------|
| A2. This module guided students through high levels of thinking (for example, analyzing, synthesizing or evaluating). | 0 | 0 | 0 | 0 | 0 |
| A3. This module prompted discussion of STEM/NASA careers. | 0 | 0 | 0 | 0 | 0 |
| A4. The content of this module was related to other course materials and activities that I am using. | 0 | 0 | 0 | 0 | 0 |
| A5. This module was easy to implement in the classroom. | 0 | 0 | 0 | 0 | 0 |
| A6. During this module, students were more engaged than is typical for these students. (Engagement is exhibited by students raising their hands to participate, asking substantive questions, listening intently, volunteering to participate, and refraining from behavior that distracts other class members.) | 0 | 0 | 0 | 0 | 0 |
| A7. I made changes (or plan to make changes) to formal student assessments to include content taught in this module. | 0 | 0 | 0 | 0 | 0 |
| A8. I am likely to use this module again next time I teach this course. | 0 | 0 | 0 | © | 0 |

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Continue



PART B - Use of NASA Now Events

On the Activity Reporting page, you indicated you viewed one or more NASA Now events in class. Please answer the questions in Part B for up to four of these events.

B1. Select the NASA Now events that you viewed in class. For each NASA Now event, with how many different classrooms of students did you view the event?

| | Event name | Number of classrooms |
|----------|------------|----------------------|
| Event #1 | Select: | |
| Event #2 | Select: | |
| Event #3 | Select: | |
| Event #4 | Select: ▼ | |

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Continue





PART B - Use of NASA Now Events continued

Please answer the following questions for event #1, Expedition 26.

| | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree |
|--|-------------------|-------|-------------------------------------|----------|----------------------|
| B2. This event guided students through higher levels of thinking (for example, analyzing, synthesizing or evaluating). | 0 | 0 | 0 | 0 | 0 |
| B3. This event prompted discussion of STEM/NASA careers. | 0 | 0 | 0 | 0 | 0 |
| B4. This event was easy to implement in the classroom. | 0 | 0 | 0 | 0 | 0 |
| B5. The content of this event was related to other course materials and activities that I am using. | 0 | 0 | 0 | 0 | 0 |
| B6. During this event, students were more engaged than is typical for these students. (Engagement is exhibited by students raising their hands to participate, asking substantive questions, listening intently, volunteering to participate, and refraining from behavior that distracts other class members.) | 0 | 0 | 0 | 0 | 0 |
| B7. I made changes (or plan to make changes) to formal student assessments to include content covered in this event. | 0 | 0 | 0 | 0 | 0 |
| B8. I am likely to use this event again next time I teach this course. | 0 | 0 | © | 0 | 0 |

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Continue





PART C - Use of ePD

On the Activity Reporting page, you indicated that you had used one or more ePDs. Please answer the questions in Part C for up to six of these ePDs.

C1. Select the ePD(s) you used. For each ePD, which clips did you view? Did you view any of the clips with students?

| ePD Name | Viewed clip numbers | Did you v of thes with stu | e clips |
|----------------|------------------------|----------------------------------|---------|
| | | Yes | No |
| ePD #1 Select: | | 0 | 0 |
| ePD #2 Select: | | 0 | 0 |
| ePD #3 Select: | | 0 | 0 |
| ePD #4 Select: | | 0 | 0 |
| ePD #5 Select: | | 0 | 0 |
| ePD #6 Select: | | 0 | 0 |

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Continue







PART C - Use of ePD continued

Please answer the following questions for ePD #1, Satellite Meteorology.

| | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree |
|---|-------------------|-------|-------------------------------------|----------|----------------------|
| C2. This ePD provided me with sufficient information on the subject matter content of Satellite Meteorology to implement this module in the classroom. | | © | 0 | 0 | 0 |
| C3. This ePD provided me with sufficient information on the instructional strategies to be used when implementing Satellite Meteorology in the classroom. | 0 | 0 | 0 | 0 | 0 |







PART D - Social Networking

On the Activity Reporting page, you indicated you used NES social networking. Please answer the questions in Part D for this usage.

| D1. Indicate which NES social networks you used (select all that apply). | | |
|--|-----|----|
| ■ NEON | | |
| ☐ Teacher's Corner Blog | | |
| ☐ Facebook - NES Page | | |
| Twitter - NES | | |
| Twitter - NASA | | |
| Other, please specify | | |
| | | |
| | Yes | No |
| D2. Did you use any of these social networks with your students? | © | © |
| D3. Did any of these social network tools affect your choice of NES materials? | 0 | 0 |
| D4. Did any of these social network tools affect how you used NES materials? | 0 | © |
| D5. Did you post or reply to content on any of these sites? | 0 | 0 |



Continue





PART E - Technology

On the Activity Reporting page, you indicated you used technology to enhance your NES activities. Please answer the questions in Part E for this technology usage.

| | Yes | No | If so, how? |
|---|-----|----|-------------|
| E1. Did you use technology to modify or supplement existing NES materials? | 0 | 0 | |
| E2. Did you use technology to facilitate collaboration among students? | 0 | 0 | |
| E3. Did you use technology to collaborate with other teachers? If so, how, and what was the focus of the collaboration (i.e., modules, ePD, recruitment, NASA opportunities)? | 0 | 0 | |
| E4. Did you use technology in any other way? | 0 | 0 | |







PART F - Family Engagement

On the Activity Reporting page, you indicated you engaged the families of your students in NES activities. Please answer the questions in Part F for this engagement.

| | Yes | No | If so, how? |
|--|-----|----|-------------|
| F1. Did you promote or share an NES-related activity with families of your students? | 0 | 0 | |
| F2. Did you conduct activities to help increase family awareness of other NASA/STEM experiences (i.e., internships, scholarships, etc.)? | 0 | 0 | |
| F3. Did you engage families in NES and NASA activities in any other way? | 0 | 0 | |





PART G - Community Engagement

On the Activity Reporting page, you indicated you engaged the community in NES activities. Please answer the questions in Part G for this engagement.

| | Yes | No | If so, how? |
|--|-----|----|-------------|
| G1. Did you use community partners to support and/or supplement NES activities? If so, how, and in what ways did partners participate in the NES activities? | 0 | 0 | |
| G2. Did you conduct activities to help build awareness of NES and NASA opportunities within your district, professional network, or wider community (not including the families of your students)? | 0 | 0 | |
| G3. Did you engage the community (not including the families of your students) with NES and NASA activities in any other way? | 0 | 0 | |



Continue







Thank you for taking the survey.



OMB #: xxxxxxxx
OMB Expiration: xx/xx/xx

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Participation

Teacher logs are being completed by a subset of teachers in NES to help NASA learn about how often and how the NES materials are being used. Participation in the study is voluntary and nonparticipation will have no impact on you or your school. You may skip questions on the survey or discontinue participation at any time. There is minimal risk of breach of confidentiality, and we have procedures in place to minimize this risk. You will never be identified by name, and information from the study will only be reported in the aggregate at the program level, combined with about 200 other responses.

Completing the Log

We estimate that it will take approximately 10 minutes to complete the survey. If you have questions about the study, please contact the study director, Alina Martinez of Abt Associates Inc. at (855) 646-3308 (toll-free) or send an email to NASAExplorerSchoolsStudy@abtassoc.com. You may also contact the evaluation's program officer at NASA, Brian Yoder (Brian.Yoder@nasa.gov). If you have questions about your rights as a research participant, you may contact Teresa Doksum, the Abt Institutional Review Board Administrator at (877)520-6835.

This log will cover your NES activities from xx/xx/xx to xx/xx/xx.

Please click "Continue" below if you agree to participate in this study.

Continue

Paperwork Reduction Act Statement - This information collection meets the requirements of 44 U.S.C. § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget control number. We estimate that it will take about 10 minutes to read the instructions, gather the facts, and answer the questions. You can find additional information on this program at http://www.nasa.gov/offices/education/programs/national/nes2/home/index.html You may send comments on our time estimate above to: NASAExplorerSchoolsStudy@abtassoc.com. Please send only comments relating to our time estimate to this address, not the completed form.

Activity Reporting
Instructions: Please answer all questions for the time period from xx/xx/xx to xx/xx/xx.

| 1 | Did MEC alassas and madelas in alass? | V | N. | If "Yes" → Part A |
|----|--|-----|----|-------------------------------|
| 1 | Did you use any NES classroom modules in class? | Yes | No | II Yes 7 Part A |
| 2 | Did you view any NASA Now events in class? | Yes | No | If "Yes" \rightarrow Part B |
| 3 | Did you view any ePD clips? | Yes | No | If "Yes" → Part C |
| 4 | Did you use the NES helpdesk? | Yes | No | |
| 5 | Did you seek advice from other NES teachers? | Yes | No | |
| 6 | Did you use any NES social networks? (examples: NEON, Teacher's Corner blog, Facebook, NES Twitter, NASA Twitter) | Yes | No | If "Yes" → Part D |
| 7 | Did you use any technological resources to enhance your NES activities? (examples: use computer programs to enhance NES classroom content, participate in NES/NASA chats, assign technological activities to supplement NES classroom content, use technology to collaborate with other teachers) | Yes | No | If "Yes" \rightarrow Part E |
| 8 | Did you involve the families of your students in NES activities? (examples: create/distribute parent newsletter, increase parental engagement in classroom, highlight NES activities in discussions with parents) | Yes | No | If "Yes" → Part F |
| 9 | Did you involve people or resources from outside the school community (not including families) in NES activities? (examples: fieldtrips to museums or STEM workplaces to expand on NES content, invite STEM professionals to speak in classrooms, plan a community NES Night, create an NES afterschool club) | Yes | No | If "Yes" → Part G |
| 10 | Did you engage in any other NES activities, not mentioned above? If so, please describe. | Yes | No | Open-response text box |
| 11 | Did you encounter technical issues with any NES products? If so, please describe. | Yes | No | Open-response text box |
| 12 | Approximately how many hours have you spent exploring the NES Virtual campus? | # | | |

Next

| | PART A – Use of Classroom Modules, page 1. | | | | | |
|---------|--|----------------|----------|-------------------------------|----------|-------------------|
| | On the Activity Reporting page, you indicated that you had used one or | Response type | | | | |
| | more NES classroom modules in class. Please answer the questions in | | | | | |
| T., | Part A for up to four of these modules | | | | | |
| Instruc | | | | | | |
| tions | A1. Select the NES classroom module(s) that you used in class. For | | | | | |
| | each module, with how many different classrooms of students did you | | | | | |
| | use the module? | | | | | |
| A1 | Name of NES classroom module #1 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | Name of NES classroom module #2 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | Name of NES classroom module #3 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | Name of NES classroom module #4 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | PART A – Use of Classroom Modules, page 2. | | | | | |
| Instruc | Please answer the following questions for module #1, [name of module #1]. | Response type | | | | |
| tions | This module guided students through high levels of thinking (for example, | Strongly Agree | 1 A 2m22 | Neither Agree | Diagonas | Strongly Disagree |
| A2 | analyzing, synthesizing or evaluating). | | Agree | nor Disagree | Disagree | |
| A3 | This module prompted discussion of STEM/NASA careers. | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree |
| A4 | The content of this module was related to other course materials and activities that I am using. | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree |
| A5 | This module was easy to implement in the classroom. | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| AS | | | | nor Disagree | | |
| | During this module, students were more engaged than is typical for these | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| | students. (Engagement is exhibited by students raising their hands to | | | nor Disagree | | |
| A6 | participate, asking substantive questions, listening intently, volunteering to | | | | | |
| | participate, and refraining from behavior that distracts other class | | | | | |
| | members.) | | | | | |
| A7 | I made changes (or plan to make changes) to formal student assessments to | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| 11/ | include content taught in this module. | | | nor Disagree | | |
| A8 | I am likely to use this module again next time I teach this course. | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| | | | | nor Disagree | | |
| | PART A – Use of Classroom Modules, pages 3-5. | | | | | |
| Instruc | Repeat A2-A8 for other 3 modules | | | | | |
| tions | | | | | | |

| | PART B – Use of NASA Now, page 1. | | | | | |
|---------|--|----------------|-------|---------------|----------|-------------------|
| | On the Activity Reporting page, you indicated you viewed one or more | Response type | | | | |
| | NASA Now events in class. Please answer the questions in Part B for | | | | | |
| _ | up to four of these events. | | | | | |
| Instruc | | | | | | |
| tions | B1. Select up the NASA Now event(s) that you viewed in class. For | | | | | |
| | each NASA Now event, with how many different classrooms of students | | | | | |
| | did you view the event? | | | | | |
| B1 | Name of NASA Now event #1 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | Name of NASA Now event #2 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | Name of NASA Now event #3 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | Name of NASA Now event #4 | Drop down menu | | | | |
| | Number of classrooms | # | | | | |
| | PART B – Use of NASA Now, page 2. | | | | | |
| Instruc | Please answer the following questions for event #1 [name of event #1]. | Response type | | | | |
| tions | | | | | | |
| B2 | This event guided students through higher levels of thinking (for example, | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| D2 | analyzing, synthesizing or evaluating). | | | nor Disagree | | |
| В3 | This event prompted discussion of STEM/NASA careers. | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| ВЗ | | | | nor Disagree | | |
| B4 | This event was easy to implement in the classroom. | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| D4 | | | | nor Disagree | | |
| В5 | The content of this event was related to other course materials and activities | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| DJ | that I am using. | | | nor Disagree | | |
| | During this event, students were more engaged than is typical for these | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| | students. | | | nor Disagree | | |
| B6 | (Engagement is exhibited by students raising their hands to participate, | | | | | |
| | asking substantive questions, listening intently, volunteering to participate, | | | | | |
| | and refraining from behavior that distracts other class members.) | | | | | |
| В7 | I made changes (or plan to make changes) to formal student assessments to | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| | include content covered in this event. | | | nor Disagree | | |
| В8 | I am likely to use this event again next time I teach this course. | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree |
| | | | | nor Disagree | <u> </u> | |
| | PART B – Use of NASA Now, pages 3-5. | | | | | |
| Instruc | Repeat B2-B8 for other 3 events | | | | | |
| tions | | | | | | |
| | | 5 | | | | |

| | PART C – Use of ePD, page 1. | | | | | | | |
|------------------|---|-----------------------------------|-------------------|-------------------------------|----------|-------------------|--|--|
| | On the Activity Reporting page, you indicated that you viewed one or | Response type | | | | | | |
| | more ePDs. Please answer the questions in Part C for up to six of the | | | | | | | |
| Instruc | ePDs you viewed. | | | | | | | |
| tions | | | | | | | | |
| | C1. Select the ePD(s) you used. For each ePD, which clips did you view? Did you view any of the clips with students? | | | | | | | |
| C1 | Name of ePD #1 | Drop down menu | | | | | | |
| | Viewed clip numbers | Open response, cl | haracters allowed | | | | | |
| | Did you view any of these clips with students? | Yes | | No | | | | |
| | Name of ePD #2 | Drop down menu | | | | | | |
| | Viewed clip numbers | Open response, cl | haracters allowed | | | | | |
| | Did you view any of these clips with students? | Yes | | No | | | | |
| | Name of ePD #3 | Drop down menu | | | | | | |
| | Viewed clip numbers | Open response, characters allowed | | | | | | |
| | Did you view any of these clips with students? | Yes No | | | | | | |
| | Name of ePD #4 | Drop down menu | | | | | | |
| | Viewed clip numbers | Open response, characters allowed | | | | | | |
| | Did you view any of these clips with students? | Yes No | | | | | | |
| | Name of ePD #5 | Drop down menu | | | | | | |
| | Viewed clip numbers | Open response, cl | haracters allowed | | | | | |
| | Did you view any of these clips with students? | Yes | | No | | | | |
| | Name of ePD #6 | Drop down menu | | | | | | |
| | Viewed clip numbers | Open response, cl | haracters allowed | | | | | |
| | Did you view any of these clips with students? | Yes | | No | | | | |
| | PART C – Use of ePD, page 2. | | | | | | | |
| Instruc tions | Please answer the following questions for ePD #1, [name of ePD #1]. | Response type | | | | | | |
| C2 | This ePD provided me with sufficient information on the subject matter content of [name of ePD #1] to implement this module in the classroom. | Strongly Agree | Agree | Neither Agree nor Disagree | Disagree | Strongly Disagree | | |
| | This ePD provided me with sufficient information on the instructional | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree | | |
| C3 | strategies to be used when implementing [name of ePD #1] in the | Strongly Agree | rigice | nor Disagree | Disagice | Strongry Disagree | | |
| | classroom. | | | noi Disagree | | | | |
| | PART C – Use of ePD, page 3-7. | | <u> </u> | | | | | |
| Instruc | Repeat C2-C3 for other 5 ePDs | | | | | | | |
| tions | repeat Ca-Co for outer 5 et Do | | | | | | | |
| 110113 | | 1 | | | | | | |

| | PART D – Social Networking. | | | | | | | |
|------------------|--|---------------|--------------------------|--------------------------|-----------------------|---------------|-------------------|------------------------------|
| Instruc | On the Activity Reporting page, you indicated that you used NES social | Response type | | | | | | |
| tions | networks. Please answer the questions in Part D for this usage. | | | | | | | |
| D1 | Indicate which NES social networks you used (select all that apply). | NEON | | Teacher's Corner blog | Facebook- NES Page | Twitter – NES | Twitter – NASA | Other – Please specify |
| D2 | Did you use any of these social networks with your students? | Yes | | • | | No | • | • |
| D3 | Did any of these social network tools affect your choice of NES materials? | Yes | | | | No | | |
| D4 | Did any of these social network tools affect how you used NES materials? | Yes | | | | No | | |
| D5 | Did you post or reply to content on any of these sites? | Yes | | | | No | | |
| | | | | | | | | |
| | PART E – Technology. | | | | | | | |
| Instruc tions | On the Activity Reporting page, you indicated you used technology to enhance your NES activities. Please answer the questions in Part E for this technology usage. | Response type | | | | | | |
| E1 | Did you use technology to modify or supplement existing NES materials? | Yes | No | If so, how? | | | Oper | n-Ended |
| E2 | Did you use technology to facilitate collaboration among students? | Yes | No | If so, how? | | | Ope | n-Ended |
| E3 | Did you use technology to collaborate with other teachers? If so, how, and what was the focus of the collaboration (i.e., modules, ePD, recruitment, NASA opportunities)? | Yes | No If so, how? Open-Ende | | | | n-Ended | |
| E4 | Did you use technology in any other way? | Yes | No | If so, how? | | | Ope | n-Ended |
| | | | | | | | | |
| | PART F – Family Engagement. | | | | | | | |
| Instruc tions | On the Activity Reporting page, you indicated you engaged the families of your students in NES activities. Please answer the questions in Part F for this engagement. | Response type | | | | | | |
| F1 | Did you promote or share an NES-related activity with families of your students? | Yes | No | If so, how? | | | Ope | n-Ended |
| F2 | Did you conduct activities to help increase family awareness of other NASA/STEM experiences (i.e., internships, scholarships, etc.)? | Yes | No | If so, how? | | | • | n-Ended |
| F3 | Did you engage families in NES and NASA activities in any other way? | Yes | No | If so, how? | | | Oper | n-Ended |

| | PART G – Community Engagement. | | | | | |
|---------|--|--------|----------|-------------|------------|--|
| Instruc | On the Activity Reporting page, you indicated you engaged the | Respon | nse type | | | |
| tions | community in NES activities. Please answer the questions in Part G for | | | | | |
| uons | this engagement. | | | | | |
| | Did you use community partners to support and/or supplement NES | | | | | |
| G1 | activities? | Yes | No | If so, how? | Open-Ended | |
| | If so, how, and in what ways did partners participate in the NES activities? | | | | | |
| | Did you conduct activities to help build awareness of NES and NASA | | | | | |
| G2 | opportunities within your district, professional network, or wider | Yes | No | If so, how? | Open-Ended | |
| | community (not including the families of your students)? | | | | | |
| G3 | Did you engage the community (not including the families of your students) | Yes | No | If so, how? | Open-Ended | |
| 0.5 | with NES and NASA activities in any other way? | 103 | 140 | II so, now: | Open-Ended | |