

NIST-1103
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U.S. DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Teacher Application for the NIST Summer Institute for Middle School Science Teachers (NIST Summer Institute) or the NIST Research Experience for Teachers (NIST RET)

NOTE: This application/questionnaire contains collection of information requirements subject to the Paperwork Reduction Act (PRA). Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subject to penalty for failure to comply with, a collection of information subject to the requirements of the PRA, unless that collection of information displays a currently valid OMB Control Number. The estimated response time for this collection is 1 hour. The response time includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this estimate or any other aspects of this collection of information, including suggestions for reducing the length of this questionnaire, to the National Institute of Standards and Technology, Attn., Kate Rimmer, via email at summerinstitute@nist.gov or telephone (301) 975-3651.

Privacy Act Statement

Authority: 15 U.S.C. § 278g-1(e) and 15 U.S.C. § 278g-2a.

Purpose: The National Institute for Standards and Technology (NIST) Summer Institute and the NIST RET are two competitive financial assistance (cooperative agreement) programs that offer middle school (Grades 6-8) science teachers an opportunity to participate in hands-on activities, lectures, tours, visits, or scientific research with scientists and engineers in NIST laboratories. The aim is to encourage them to inspire students to pursue careers in science, technology, engineering, and mathematics (STEM) fields.

Routine Uses: NIST will use the information collected to perform the requisite reviews of the applications to determine eligibility, to make funding decisions, and to meet programmatic requirements, as well as compliance with 15 C.F.R. Part 14. Disclosure of this information is also subject to all the published routine uses as identified in the Privacy Act System of Records Notices: NIST-1: NIST Associates.

Disclosure: Furnishing this information is voluntary. When you submit the form, you are indicating your voluntary consent for NIST to use of the information you submit for the purpose stated.

Check the applicable program: NIST Summer Institute NIST RET

1. Teacher's Name: _____
2. Nickname (if applicable): _____
3. Email Address: _____
4. Complete School Name: _____
5. School Address: _____

6. School District: _____
7. School Supervisor's Name: _____
8. School Supervisor's Email: _____
9. County Science Supervisor's Name: _____
10. County Science Supervisor's Email: _____
11. Are you a U.S. citizen or a permanent U.S. resident?
 - a. Yes
 - b. No

12. If nominated for the NIST Summer Institute, will you be able to commit two (2) full weeks to attend the NIST Summer Institute from 9 a.m. to 4 p.m. Monday through Friday on the dates specified in the Announcement of the Federal Funding Opportunity (FFO) or if nominated for the NIST RET, will you be able to commit six (6) full continuous weeks to participate in the NIST RET from 8:30 a.m. to 5 p.m. Monday through Friday during the summer?

- a. Yes
- b. No

13. How many years have you taught *science* at the middle school level (Grades 6, 7, and/or 8)?

Number of years: _____

14. How many years have you taught *any* school at *any* level?

Number of years: _____

15. In what grade(s) do you teach science for the current school year? Select one primary grade that you spend the majority of your time teaching science. If you teach science for more than one grade, select all additional grades that apply.

	Primary Grade (<i>Select One</i>)	Additional Grades (<i>Select all that apply</i>)
6 th grade	<input type="checkbox"/>	<input type="checkbox"/>
7 th grade	<input type="checkbox"/>	<input type="checkbox"/>
8 th grade	<input type="checkbox"/>	<input type="checkbox"/>

16. In what grade(s) do you expect to teach science for the following school year? Select one primary grade that you expect to spend the majority of your time teaching science. If you expect to teach science for more than one grade, select all additional grades that apply.

	Primary Grade (<i>Select One</i>)	Additional Grades (<i>Select all that apply</i>)
6 th grade	<input type="checkbox"/>	<input type="checkbox"/>
7 th grade	<input type="checkbox"/>	<input type="checkbox"/>
8 th grade	<input type="checkbox"/>	<input type="checkbox"/>

17. What degrees have you earned? (*For each degree type, please mark one*)

NOTE: Degree options do not include certifications, certificates, endorsements, or licensures.

Type of Degree	Degree Field					
	Math	Science	Education	Science Education	Other	None
Bachelor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Master	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ph.D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ed.D.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional Degree (e.g., M.D., L.P.N.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specialist Degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. For each of the subject areas listed below, indicate which subjects are covered in your classes *in the current school year*. (Mark one response on each line.)

Subject Area Covered in Your Classes in the Current School Year		
	Yes	No
Biology	<input type="checkbox"/>	<input type="checkbox"/>
Earth Science	<input type="checkbox"/>	<input type="checkbox"/>
Space Science	<input type="checkbox"/>	<input type="checkbox"/>
Physics	<input type="checkbox"/>	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>	<input type="checkbox"/>
Weather	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>

19. Which of the following professional development activities have you participated in during the past three (3) years? (Mark all that apply.)

- a. Learning content knowledge related to science
- b. Learning content knowledge **not** related to science
- c. Selecting and adapting instructional material
- d. Using research to inform curriculum with standards
- e. Learning strategies for aligning curriculum with standards
- f. Working with diverse and/or minority students, special education students, and/or students with limited English proficiency
- g. Developing leadership skills in working with peers
- h. Developing skills in working with parents, school boards, or other outside of the school
- i. Using technology in instruction
- j. Learning how to use data and statistics
- k. Other (*specify*): _____

20. Not counting the NIST Summer Institute or NIST RET, have you participated in any professional development activities in a laboratory, research, or industrial setting in the past 3 years?

- a. Yes
- b. No

If yes, provide the following information about any professional development activities in which you participated in the past 3 years:

Name of Program	Sponsoring Agency	Type of setting (e.g., government, industry, university)	Year	Duration (number of days)

21. How did you learn about the NIST Summer Institute or NIST RET program? (*Mark one response.*)

- a. Noticed an open invitation and decided to apply.
- b. Encouraged by a former NIST Summer Institute or NIST RET participant and decided to apply.
- c. Encouraged/recruited/designated by an administrator (*excluding school principal*) or specialist at the school or district level (e.g., superintendent, curriculum specialist, department head or chair, or science coach).
- d. Encouraged/recruited/designated specifically by my school principal.
- e. Encourage/recruited/designated by local leadership council/curricular committee or professional development program or organization.
- f. Other (*Specify*): _____

22. For RET nominated teachers only, when did you attend a prior NIST Summer Institute (dates and year)?

23. For RET only, please describe one lesson or concept that you learned about at NIST that you have implemented in your classroom.

24. **Statement of Motivation:** In the space provided below (*may not exceed space provided*) Describe why you would like to attend the NIST Summer Institute or participate in the NIST Research Experience for Teachers. Please discuss some scientific ideas you would like to bring home to your students.

***Teacher's Signature:** _____ **Date:** _____

***By signing this application, I certify that the statements herein are true, complete, and accurate to the best of my knowledge. I also agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties (U.S. Code, Title 218, Section 1001)**