

Teacher Application for the NIST Summer Institute for DCPS Middle School Science Teachers

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

6. School District: _____
7. School Principal's Name: _____
8. School Principal's Email: _____
9. Are you a U.S. citizen or a permanent U.S. resident?
 - a. Yes
 - b. No
10. If nominated for the NIST Summer Institute, will you be able to commit one (1) full week to attend the NIST Summer Institute, June 25-29, 2012, from 9 a.m. to 4 p.m. Monday through Friday?
 - a. Yes
 - b. No
11. How many years have you taught *science* at the middle school level (Grades 6, 7, and/or 8)?
Number of years: _____
12. How many years have you taught *any* school at *any* level?
Number of years: _____

13. 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 (Select One)	Additional Grades (Select all that apply)
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"/>

14. 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 (Select One)	Additional Grades (Select all that apply)
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"/>

15. 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"/>

16. Are you currently working on a degree?

- a. Yes
- b. No

If yes, what degrees are you currently working on? (For each degree type, please mark one.)

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"/>

17. 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"/>

18. 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*): _____

19. 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)

20. How did you learn about the NIST Summer Institute? (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*): _____



21. **Statement of Motivation:** In the space provided below (*may not exceed space provided*) Describe why you would like to attend the NIST Summer Institute for DCPS Middle School Science Teachers.

***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).**

**Instructions to the NIST-1103, Teacher Application
for the NIST Summer Institute for Middle School Science Teachers (NIST Summer
Institute) or the NIST Research Experience for Teachers (NIST RET)**

*This form must be completed by each teacher nominated by a U.S. public school district or accredited private educational institution (Grades 6-8) to participate in the NIST Summer Institute or NIST . This form must be included in the application submitted by the U.S. public school district or accredited private educational institution. It may **not** be submitted by a teacher directly to NIST.*

Nominated teachers will be asked (voluntary) to participate in program evaluation activities (to include a survey, focus group, phone interview, and/or a classroom observation) by the NIST contract research organization.

This form must be completed in its entirety and include the required copy of a passport, green card, or birth certificate from each nominated teacher.

Although a complete application is required for acceptance into the NIST Summer Institute answers to the questions ARE NOT used to select applicants and are only used to develop the program to best meet the participant's needs.

Answers to the application ARE used in selection of teachers for the NIST RET program. Applications will be evaluated based on how well teachers' career goals match program goals, commitment of the teacher to working in a laboratory environment, and teacher interest in translating NIST research into activities for use in the middle school classroom.

- 1.-3. Self-explanatory.
4. Complete School Name. Enter the name of the U.S. public school or U.S. accredited private educational institution where you teach students in the area(s) of Science, Technology, Engineering, and/or Mathematics (STEM) at the middle school level (Grades 6-8).
5. Self-explanatory.
6. School District. Enter the name of the county where the school you teach at is located.
- 7.-24. Self-explanatory.