

APPENDIX B
Noyce Crosswalk

**DATA ELEMENTS OF THE ROBERT NOYCE SCHOLARSHIP PROGRAM (NOYCE)
DATA COLLECTION & DISTANCE MONITORING SYSTEM**

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics ⁱ	Project Implementation Characteristics ⁱⁱ	Project Outputs ⁱⁱⁱ
	Post-Secondary Institution Data			
	Institution name	X		
	State	X		
	Programmatic activities conducted by this institution (mark all that apply) Mentoring Early field experiences Peer tutoring Other (please specify)		X	
	BASELINE DATA (DATA FOR YEAR PRIOR TO AWARD)			
	Number of Science, Technology, Engineering, and Mathematics (STEM) majors who graduated and had prepared to become K-12 teachers <i>one year prior</i> to award	X		
	Number of career changers who completed the teacher preparation program and had prepared to become K-12 teachers <i>one year prior</i> to award	X		
	DATA FOR THE CURRENT REPORTING PERIOD			
	Number of STEM majors who graduated prepared to teach during the current reporting period			X
	Number of career changers who completed the teacher preparation program during the current reporting period			X
	APPLICANTS FOR NOYCE SCHOLARSHIPS			
	Total number of Noyce scholarship applicants during the current reporting period		X	
	Average cumulative GPA for all Noyce scholarship applicants at the time of application during the current reporting period	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Average cumulative GPA for Noyce scholarship recipients at the time of application during the current reporting period		X	
	APPLICANTS FOR NOYCE STIPENDS			
	Total number of Noyce stipend applicants during the current reporting period		X	
	HIGHER EDUCATION FACULTY MEMBERS			
	Number of faculty members (for each of the disciplines listed below) involved in the project during the current reporting period Biological Sciences Chemistry Computer Science Education Engineering Geosciences/Environmental Sciences Mathematics Physics Other (please specify) Total number of faculty members (read only)		X	
	Indicate which activities the faculty members reported above are involved in (mark all that apply): Serving on the leadership team Recruiting and/or selecting Noyce recipients Teaching courses in which Noyce recipients are enrolled Mentoring and/or monitoring Noyce recipients Other (please specify)		X	
	School District Data			
	District name	X		
	City	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	State	X		
	Was this school district involved in the project during the current reporting period? (Yes/No)		X	
	Number of schools in this district that are involved in the project		X	
	Noyce Scholarship Recipient Data			
	Name: First, MI, Last	X		
	Institution (choose one):	X		
	Gender (choose one): Male Female Not reported	X		
	Race (choose one or more): American Indian or Alaska Native Asian Black or African American Native Hawaiian or Other Pacific Islander White Not reported	X		
	Ethnicity (choose one): Not Hispanic or Latino Hispanic or Latino Not reported	X		
	Disability (choose one or more): Hearing impairment Mobility or orthopedic impairment Visual impairment Other (please specify) None Not reported	X		
	Date of birth (month / day / year)	X		
	Major (mark all that apply) Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Physical Sciences Physics Other (please specify)			
	Year (choose one): Junior Senior Post-baccalaureate	X		
	Cumulative GPA when selected for the Noyce scholarship	X		
	Did the Noyce scholarship recipient transfer from a community college? (Yes/No)	X		
	If so, provide the name of the community college	X		
	Level of Noyce scholarship support (dollar amount) during the current reporting period		X	
	Number of semesters of Noyce scholarship support during the current reporting period (choose one): 1 Semester 2 Semesters 3 Semesters		X	
	Has the Noyce scholarship support ended? (Yes/No)		X	

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Did the Noyce scholarship recipient leave the program without completing the teacher preparation program or obtaining certification or licensure? (Yes/No)		X	
	If yes, why? (choose one): Left to pursue other academic interests Failed to meet program requirements Left to pursue employment Left due to family and/or economic constraints Other (please specify) Unknown		X	
	If the recipient has left the program you do not need to answer any of the other questions on this screen.			
	Intended level of teaching (choose one): Elementary School Middle School Junior High School High School	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Intended subject areas/disciplines of teaching, if applicable (mark all that apply) Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify)	X		
	Did the Noyce scholarship recipient complete the teacher preparation program? (Yes/No)			X
	Anticipated or actual month and year of completion of teacher preparation program (month / year)			X
	Cumulative GPA at completion of teacher preparation program, if applicable	X		
	Did the Noyce scholarship recipient obtain certification or licensure? (Yes/No)			X
	Anticipated or actual month and year of certification or licensure (month / year)			X
	Select grade levels as listed on teaching certificate or license (mark all that apply): Elementary School Middle School Junior High School High School			X
	Select subject areas as listed on teaching			X

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	certificate or license (mark all that apply): Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify) No subject listed on the certificate or license Unknown			
	Noyce Stipend Recipient Data			
	Name: First, MI, Last	X		
	Institution (choose one):	X		
	Gender (choose one): Male Female Not reported	X		
	Race (choose one or more): American Indian or Alaska Native Asian Black or African American Native Hawaiian or Other Pacific Islander White Not reported	X		
	Ethnicity (choose one): Not Hispanic or Latino Hispanic or Latino	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Not reported			
	Disability (choose one or more): Hearing impairment Mobility or orthopedic impairment Visual impairment Other (please specify) None Not reported	X		
	Date of birth (month / day / year)	X		
	Major fields of study or disciplines (mark all that apply) Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Other (please specify)	X		
	Highest degree in major field of study or discipline (choose one): Bachelor's Master's Doctorate Other (please specify)	X		
	If career changer, please enter the requested information below: Previous occupation Number of years in previous occupation	X X		
	Level of Noyce stipend support (dollar amount) during the current reporting period		X	
	Number of semesters of Noyce stipend support during the current reporting period (choose one): 1 Semester 2 Semesters 3 Semesters		X	
	Has the Noyce stipend support ended?		X	

New Elements	Common Collection Categories	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Questions			
	(Yes/No)			

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Did the Noyce stipend recipient leave the program without completing the teacher preparation program or obtaining certification or licensure? (Yes/No)			X
	If yes, why? (choose one): Left to pursue other academic interests Failed to meet program requirements Left to pursue employment Left due to family and/or economic constraints Other (please specify) Unknown			X
	If the recipient has left the program you do not need to answer any of the other questions on this screen.			
	Intended level of teaching (choose one): Elementary School Middle School Junior High School High School	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Intended subject areas/disciplines of teaching, if applicable (mark all that apply) Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify)	X		
	Did the Noyce stipend recipient complete the teacher preparation program? (Yes/No)			X
	Anticipated or actual month and year of completion of teacher preparation program (month / year)			X
	Cumulative GPA at completion of teacher preparation program, if applicable	X		
	Did the Noyce stipend recipient obtain certification or licensure? (Yes/No)			X
	Anticipated or actual month and year of certification or licensure (month / year)			X
	Select grade levels as listed on teaching certificate or license (mark all that apply): Elementary School Middle School Junior High School High School			X

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Select subject areas as listed on teaching certificate or license (mark all that apply): Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify) No subject listed on the certificate or license Unknown			X
	Post-Scholarship/Stipend Follow-up Data			
	Name: First, MI, Last	X		
	Did the Noyce support recipient complete the teacher preparation program?			X
	Month and year of completion of teacher preparation program, if applicable (month / year)			X
	Cumulative GPA at completion of teacher preparation program, if applicable	X		
	Did the Noyce support recipient obtain certification or licensure?			X
	Month and year of certification or licensure, if applicable (month / year)			X
	Select grade levels as listed on teaching certificate or license (mark all that apply): Elementary School	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Middle School Junior High School High School			
	Select subject areas as listed on teaching certificate or license (mark all that apply): Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify) No subject listed on the certificate or license Unknown	X		
	Has the Noyce support recipient begun teaching? (Yes/No)			X
	If not, why?			X
	Teaching placement grade level (choose one): Elementary School Middle School Junior High School High School	X		
	Teaching placement subject area of majority of courses taught (choose one): Biological Sciences Chemistry Computer Science	X		

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify)			
	Teaching placement subject areas of other courses taught (mark all that apply) Biological Sciences Chemistry Computer Science Engineering Geosciences/Environmental Sciences Mathematics Physical Sciences Physics Technology Elementary Science Elementary Mathematics Elementary Math & Science Middle School Science Middle School Mathematics Middle School Math & Science All Subjects Other (please specify)	X		
	Year of teaching (choose one): First year Second year Third year Fourth year	X		

New Elements	Common Collection Categories	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Questions			
	Other (please specify)			
	School name	X		
	School district (choose one): OR enter school district data (District/local education agency / City / State)	X		
	<p>School district criteria (mark all that apply)</p> <p>Has at least one school in which 50% or more of the enrolled students are eligible for participation in the free lunch and reduced price lunch program established by the Richard B. Russell National School Lunch Act (42 U.S.C. 1751 et seq.).</p> <p>Has at least one school in which (i) more than 34% of the academic classroom teachers at the secondary level (across all academic subjects) do not have an undergraduate degree with a major/minor in, or graduate degree in, the academic field in which they teach the largest percentage of their classes; or (ii) more than 34% of the teachers in two of the academic departments do not have an undergraduate degree with a major/minor in, or graduate degree in, the academic field in which they teach the largest percentage of their classes.</p> <p>Has at least one school whose teacher attrition rate has been 15% or more over the last three years.</p>		X	

New Elements	Common Collection Categories Questions	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	None of the above. (please explain)			

ⁱ Elements of these characteristics include: Name, address, date of birth, gender, ethnicity, race, disability status, class, major, grade point average, yearly fellowship or stipend amount, or project role.

ⁱⁱ Elements of these characteristics include: Sources and amount of funds, fellowships, scholarships, traineeships, partnerships, training, research methods.

ⁱⁱⁱ Elements of these characteristics include: research findings, publications, presentations, degrees granted, educational materials.