Office of Instruction • Science Curriculum Office

Oklahoma Science Writers Open Educational Resources Project

Application

Applications Due: March 31st, 2016

**Overview**

The Oklahoma State Department of Education is seeking science educators to participate in the development of Open Educational Resources (OER) for Science. The Science OER Project will provide   
educators with information and resources to compile and assemble open educational resource products aligned to the Oklahoma Academic Standards for Science. The OER products will not serve as curriculum itself. The Oklahoma Science Open Educational Resources Project will be modeled after a similar initiative in Utah (the Utah State Office of Education [Science Open Education Resource](http://www.schools.utah.gov/CURR/science/OER.aspx) Project).

Resources may include the following deliverables:

* Grade-level or science course text resources for students aligned with Oklahoma Academic Standards for Science.
* Classroom assessment suggestions (Formative and Summative)
* Other deliverables as determined necessary.

*Oklahoma educators will be selected through the process defined in this application to serve as Science Writers for the Open Education Resource Project.*

**Science Writers Expectations**

* Science Writers will work with other educators to compile and curate OER resources for the grade-level or course that they currently teach or have had experience in teaching. *All work will be conducted outside of the educator’s regularly scheduled school days and teaching contracted hours.*
* Science Writers will attend virtual meetings after school hours with the Project Consultant and/or the Director of Science Education for the Oklahoma State Department of Education.
* Science Writers will work virtually with other teachers to discuss and review the OER resources under being compiled and developed.

• Science Writers will attend three in-person meeting sessions in Oklahoma City or Tulsa on the following tentative dates form 9:00 am – 5:00 pm.

* + April 23, 2016
  + May 14, 2016
  + June 13-14, 2016
  + July 11-12, 2016

• Science Writers will submit work to the Oklahoma Science OER Project Consultant for review and feedback.

**Payment**

Oklahoma educators selected through this application process will be paid $642.85 per month for work to be completed from April 2016 through July 2016. **This fee includes travel costs and other costs related to participating in the project. No other stipends or reimbursements will be made to participating educators for any reason.**

**Instructions for Applying**

*Please complete the application for consideration to be selected to participate in the development products for the Oklahoma Science Open Educational Resources Project.*

**Name and Information**

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School District

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City State Zip Code

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preferred phone number secondary phone number

**Current Grade Level(s) Taught.** Please check all that apply.

Pre-Kindergarten Early Elementary, 1-3 Middle School, 6-8

Kindergarten Upper Elementary, 4-5 High School, 9-12 College or University

**Current Subject(s) Taught.** Please check all that apply.

Science, General (Grades Pk-3) Science, General (Grade 7) Earth Science (Grades 9-12)

Science, General (Grade 4) Science, General (Grade 8) Chemistry (Grades 9-12)

Science, General (Grade 5) Physical Science (Grades 9-12) Physics (Grades 9-12)

Science, General (Grade 6) Biology (Grades 9-12) Not applicable

Environmental Science (Grades 9-12) Anatomy & Physiology (Grades 9-12) Other

**Previous Grade Level(s) Taught.** Please check all that apply.

Pre-Kindergarten Early Elementary, 1-3 Middle School, 6-8

Kindergarten Upper Elementary, 4-5 High School, 9-12 College or University

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Science, General (Grade 6) Biology (Grades 9-12) Not applicable

Environmental Science (Grades 9-12) Anatomy & Physiology (Grades 9-12) Other

**Resume**

Please submit a copy of your resume with the application.

**Application Questions**

*Please complete the following application questions in the spaces provided or attach a separate document if you require more space to respond to the questions.*

1. Describe your understanding of the similarities and differences between the *PASS* standards for Science and the new Oklahoma Academic Standards for Science.
2. What experience have you had around the 3 Dimensions embedded in the new Oklahoma Academic Standards for Science?
3. Describe your understanding of the 3 Dimensions and how they should be utilized in curriculum development.
4. What qualifications and expertise do you have that makes you an ideal candidate for this position?

**Sample Activity/Lesson**

*Please describe an activity/lesson that you would conduct to support students in understanding a performance expectation from the Oklahoma Academic Standards for Science.* *You can attach a lesson plan to the application or describe the lesson or activity in the space provided below.*

*Please respond to the following questions regarding the lesson or activity you provided.*

1. Which Oklahoma Academic Standard(s) for Science does the activity/lesson align to?

2. How does the activity or lesson align to the Oklahoma Academic Standard(s) for Science identified above?

3. How would you assess students’ prior knowledge?

4. How would you assess students’ understanding during instruction?

5. How would you assess students’ understanding at the conclusion of instruction?

6. Which component of the activity/lesson supports English Language Learners or how would you modify the activity/lesson to support English Language Learners?

7. Which components of the lesson support the Universal Design for Learning?

**Timeline for Sequence of Work**

April 2016

* A series of Virtual meetings will be scheduled in March to outline the participant expectations and provide initial training needed to begin the development of products that will comprise the Oklahoma Open Education Resource Project for Science.

April 23, 2016 (Date subject to change)

* Science Writers will attend the first in-person meeting. The April meeting will serve to outline to the participant expectations, provide training needed to support developing products for the Oklahoma Science Open Educational Resources Project and begin collaborative work with other science writers.

April 2016 – May 2016

* Science Writers will:
  + Develop products outlined during the April meeting.
  + Work virtually with grade-level or course team members to develop products.
  + Meet virtually with the project manager and Director of Science Education as needed.
  + Make adjustments to the products based on feedback received by the project consultant and/or the Director of Science Education for the OSDE.

May 14, 2016 (Date subject to change)

* Science Writers will attend the second in-person meeting.

May 2016 – June 2016

* Science Writers will:
  + Work virtually with grade-level or course team members to develop products.
  + Meet virtually with the project consultant and/or Director of Science Education as needed.
  + Make adjustments to the products based on feedback received by the project consultant and/or the Director of Science Education for the OSDE.

June 13 -14, 2016 (Date subject to change)

* Science Writers will attend the in-person meetings to collaborate on resource development for the Oklahoma Science Open Education Resource Project.

July 11-12, 2016 (Date subject to change)

* Science Writers will attend the in-person meetings to collaborate on compiling resources for the Oklahoma Science Open Education Resource Project.

July 2016

* Science Writers will:
  + Work virtually with grade-level or course team members to develop products.
  + Meet virtually with the project manager and Director of Science Education as needed.
  + Make adjustments to the products based on feedback received by the project consultant and/or the Director of Science Education for the OSDE.
  + Submit final products to the project consultant and the Director of Science Education at the Oklahoma State Department of Education.

**Application Submission**

Applications can be submitted by e-mail to Tiffany.Neill@sde.ok.gov or by mailing them to:

The Oklahoma State Department of Education

Attention: Tiffany Neill

2500 N. Lincoln Blvd.

Oklahoma City, OK 73105

**Questions**

For questions regarding the project or the application contact:

Tiffany Neill – 405-522-3524 • Tiffany.Neill@sde.ok.gov

**Acknowledgment**

*I understand that completing this application does not guarantee my selection to participate in this project.   
I further acknowledge that if selected I will abide by any non-disclosure agreement and rules of procedure by   
which the project would operate.*

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Signature date