

SAMPLE Earth & Space Science Standards Professional Development Needs Survey

EXPLAIN RATIONALE FOR SURVEY AND WHAT PLANS ARE FOR RESULTS - HERE'S AN EXAMPLE:

Hello Potential Teachers of Earth and Space Science Standards,

As you likely already know, the (new) Science Standards and recommendations for restructuring the delivery of some science content are currently on their way to approval.

The changes are pretty broad, here is a brief recap:

- 1) High School Physical Science standards are moving to 8th grade
- 2) Earth and Space Science (ESS) high school standards are expanded to the equivalency of one full year and the middle school standards are shifted from 8th to 6th grade;
- 3) finally, the new standards are built on the core concept of 3-dimensional learning so our students can experience a more complete, stronger K-12 science education in (YOUR STATE)!

Of course, the success of the new standards is predicated on you - the provider of K-12 science education in (STATE). New standards and possibly new student demographics will likely pose a challenge for some of us. That's where we come in. We are ESS pedagogy and content teachers, and we want to help you prepare for teaching the new ESS standards by designing professional learning opportunities. In an effort to ease the transition to the new ESS standards, as well as possible changes to the grades/levels you may be teaching, we want to know what you need... Workshops? Bootcamps? Credit-earning college coursework? (We're thinking of a reverse Field of Dreams logic: If you come, we will build it!)

Please take a few minutes to fill out this survey so we can develop and implement quality ESS professional development to meet your needs. WE NEED YOUR INPUT!!!

The survey will be open through (DATE).

Thanks!

(YOUR NAME AND/OR ORGANIZATION)

* Required

1. Email address *

Untitled Section

Professional Development Goals

Please email _____ if you would be willing to help teach any of these.

2. I would like to learn about....and I would like to earn....

Check all that apply.

	re-licensure hrs	grad credit	add a license
3 dimensional learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pedagogy & teaching strategies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9-12 Earth & Space content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6th gr Earth & Space content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K-5 Earth & Space content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
something else	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. If you indicated something else, please tell us more. What is important for you to learn about?

4. Which two are most important to you?

Check all that apply.

	these 2 are most important
3 dimensional learning	<input type="checkbox"/>
pedagogy & teaching strategies	<input type="checkbox"/>
9-12 Earth & Space content	<input type="checkbox"/>
6th gr Earth & Space content	<input type="checkbox"/>
K-5 Earth & Space content	<input type="checkbox"/>

How
to add
a
license

Are you thinking about adding a license? There are a couple ways to do it, depending on your current license.

Currently licensed elementary teachers can obtain a middle school science endorsement.

Currently licensed 7-12 or 9-12 teachers who have 3 years teaching can take the _____ exam in Earth & Space Science.

Any currently licensed 7-12 or 9-12 teachers can complete another degree program, submit a portfolio, or petition their undergraduate college to evaluate them for additional licensure.

5. Which are you interested in adding?

Check all that apply.

- middle school science endorsement
- elementary license
- 5-8 general science license
- 9-12 Earth & Space Science license
- none at this time

Other: _____

6. How might you add it?

Check all that apply.

- by _____ - content exam
- by taking courses
- by petitioning my university where I got my first license
- by portfolio
- none at this time

Other: _____

Logistics

7. What is your preference for PD scheduling?

Check all that apply.

- Week-long summer workshops
- A series of day-long workshops on topics, such as plate tectonics, climate, solar system
- A series of webinars on topics
- Online modules or courses
- Saturday workshops, on specific topics
- Mentor teachers/tutoring by Earth Science teachers
- Other (please add comments below)

8. If you indicated "Other" please add comments here:

9. This ESS summer PD workshop should begin *

Check all that apply.

- Summer 2020
 Summer 2021
 Summer 2022
 Summer 2023

What's
important in
PD?

When considering an ESS summer PD workshop, what is important to you? Rank these so we know what to ask for!
1 is "very important" and five is "not important to me"

10. Being within 50 miles of your home (you could travel to and from home each day)? *

Mark only one oval.

- 1
 2
 3
 4
 5

11. Getting to travel somewhere else in the state?

Mark only one oval.

- 1
 2
 3
 4
 5

12. Graduate credit is offered for a fee?

Mark only one oval.

1

2

3

4

5

13. Stipend offered?

Mark only one oval.

1

2

3

4

5

14. Breakfast and lunch offered?

Mark only one oval.

1

2

3

4

5

Funding

15. My district has already set aside funds for teacher professional development in the new science standards.

Mark only one oval.

- Yes
- No
- I don't know

16. My district has/will applied for ESSA funds to be used for teacher professional development in the new science standards.

Mark only one oval.

- Yes
- No
- I don't know

17. How much funding would your district likely provide for this ESS professional development workshop?

Mark only one oval.

- None
- Cost of workshop, mileage, meals and lodging (\$500 - \$1000)
- Cost of workshop, mileage, meals and lodging (\$500 - \$1000) plus graduate credits (\$100-\$2000)
- Other: _____

18. How much would you be willing to pay out of pocket for this ESS professional development workshop?

Mark only one oval.

- None
- Cost of workshop, mileage, meals and lodging (\$500 - \$1000)
- Cost of workshop, mileage, meals and lodging (\$500 - \$1000) plus graduate credits (\$100-\$2000)
- Graduate credits only (\$100-\$2000)

19. How likely is it that you would be able to obtain a partial or full grant or sponsorship, (i.e. from local organizations or STEM businesses, etc) to attend this ESS professional development workshop?

Mark only one oval.

	1	2	3	4	5	
Not likely	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

If we can
find
funding...

Professional development workshops like these have in the past cost \$50-100 each day. Many successful programs are 10 days or more, meaning \$500-\$1000. We are wondering how the costs of the workshop will affect how likely you are to participate.

How likely would you be to attend an Earth & Space Science workshop, IF we could secure funding to cover....

20. the FULL cost of the workshop?

Mark only one oval.

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

21. HALF the cost of the workshop?

Mark only one oval.

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

22. FULL cost of workshop, and meals/lodging?

Mark only one oval.

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

23. HALF the cost of the workshop, and meals/lodging?

Mark only one oval.

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

24. FULL cost of the workshop, and the graduate credit?

Mark only one oval.

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

25. FULL cost of the workshop, HALF the cost of the graduate credit?

Mark only one oval.

	1	2	3	4	5	
Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very likely

Final
Thoughts/Suggestions

Please use this space to share your suggestions, ideas, questions, and anything that you think will make a ESS Summer PD workshop something you would want to be a part of! Thank you for your time and consideration! Enjoy your summer!

26. Suggestions? Ideas? Questions? Write them here!

demographics

27. Which best describes your district? *

Mark only one oval.

- Metro
- Suburban
- Large Rural (towns bigger than 20,000) - Please see next question
- Small Rural (towns smaller than 20,000) - Please see next question

28. If you chose 'Rural', which area of the state are you in?

Mark only one oval.

- NW
- N Central
- NE
- SE
- S Central
- SW
- Central

29. Is your district public or private?

Mark only one oval.

- Public
- Private

30. Which best describes your current teaching position? *

Check all that apply.

- Elementary: classroom teacher (K-6)
- Elementary: science specialist
- Middle School 6th grade teacher
- Middle School 7th grade teacher
- Middle School 8th grade teacher
- High School Life Science teacher
- High School Physics teacher
- High School Chemistry teacher
- High School Earth and Space teacher
- High School Physical Science teacher
- something else

31. Which license(s) do you currently hold in YOUR STATE? *

Check all that apply.

- Elementary Education (K-6)
- Elementary Education with a Science endorsement
- 5-8 General Science
- 7-12 Life Science
- 7-12 Earth and Space Science
- 7-12 Chemistry
- 7-12 Physics
- 9-12 Life Science
- 9-12 Earth and Space Science
- 9-12 Chemistry
- 9-12 Physics
- none

Other: _____

32. Are you teaching (or have you taught) middle school/high school science course(s) out of licensure? *

Mark only one oval.

- yes currently
- yes but in the past
- no
- Other: _____

33. If you have taught middle school/high school science course(s) out of licensure, please describe:

What did you think of this survey.

34. suggestions?

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