



Windows to the Universe Survey of Earth and Space Science Teachers, 2011




1. If you live in the United States, which state or territory do you live in?

	Response Percent	Response Count
State: 	100.0%	296
	answered question	296
	skipped question	10

2. If you don't live in the United States, please indicate the country you live in.

		Response Percent	Response Count
Afghanistan		0.0%	0
Albania		0.0%	0
Algeria		0.0%	0
Andorra		0.0%	0
Angola		0.0%	0
Antigua and Barbuda		0.0%	0
Argentina		0.0%	0
Armenia		0.0%	0
Australia		0.0%	0
Austria		0.0%	0
Azerbaijan		0.0%	0
The Bahamas		0.0%	0
Bahrain		0.0%	0
Bangladesh		0.0%	0
Barbados		12.5%	1
Belarus		0.0%	0
Belgium		0.0%	0
Belize		0.0%	0
Benin		0.0%	0
Bhutan		0.0%	0
Bolivia		0.0%	0
Bosnia and Herzegovina		0.0%	0
Botswana		0.0%	0


NESTA 2011 Membership Survey Summary Results

Brazil		0.0%	0
Brunei		0.0%	0
Bulgaria		0.0%	0
Burkina Faso		0.0%	0
Burma		0.0%	0
Burundi		0.0%	0
Cambodia		0.0%	0
Cameroon		0.0%	0
Canada		12.5%	1
Cape Verde		0.0%	0
Central African Republic		0.0%	0
Chad		0.0%	0
Chile		0.0%	0
China		0.0%	0
Colombia		0.0%	0
Comoros		0.0%	0
Congo (Brazzaville)		0.0%	0
Congo (Kinshasa)		0.0%	0
Costa Rica		0.0%	0
Cote d'Ivoire		0.0%	0
Croatia		0.0%	0
Cuba		0.0%	0
Cyprus		0.0%	0
Czech Republic		0.0%	0
Denmark		0.0%	0

NESTA 2011 Membership Survey Summary Results

Djibouti	0.0%	0
Dominica	0.0%	0
Dominican Republic	0.0%	0
East Timor	0.0%	0
Ecuador	0.0%	0
Egypt	0.0%	0
El Salvador	0.0%	0
Equatorial Guinea	0.0%	0
Eritrea	0.0%	0
Estonia	0.0%	0
Ethiopia	0.0%	0
Fiji	0.0%	0
Finland	0.0%	0
France	0.0%	0
Gabon	0.0%	0
Gambia	0.0%	0
Georgia	0.0%	0
Germany	0.0%	0
Ghana	0.0%	0
Greece	0.0%	0
Grenada	0.0%	0
Guatemala	0.0%	0
Guinea	0.0%	0
Guinea-Bissau	0.0%	0
Guyana	0.0%	0
Haiti	0.0%	0


NESTA 2011 Membership Survey Summary Results

Holy See		0.0%	0
Honduras		0.0%	0
Hong Kong		0.0%	0
Hungary		0.0%	0
Iceland		0.0%	0
India		0.0%	0
Indonesia		0.0%	0
Iran		0.0%	0
Iraq		0.0%	0
Ireland		0.0%	0
Israel		0.0%	0
Italy		0.0%	0
Jamaica		0.0%	0
Japan		0.0%	0
Jordan		12.5%	1
Kazakhstan		0.0%	0
Kenya		0.0%	0
Kiribati		0.0%	0
Korea, North		0.0%	0
Korea, South		0.0%	0
Kosovo		0.0%	0
Kuwait		0.0%	0
Kyrgyzstan		0.0%	0
Laos		0.0%	0
Latvia		0.0%	0
Lebanon		0.0%	0

NESTA 2011 Membership Survey Summary Results

Lesotho	0.0%	0
Liberia	0.0%	0
Libya	0.0%	0
Liechtenstein	0.0%	0
Lithuania	0.0%	0
Luxembourg	0.0%	0
Macau	0.0%	0
Macedonia	0.0%	0
Madagascar	0.0%	0
Malawi	0.0%	0
Malaysia	0.0%	0
Maldives	0.0%	0
Mali	0.0%	0
Malta	0.0%	0
Marshall Islands	0.0%	0
Mauritania	0.0%	0
Mauritius	0.0%	0
Mexico	0.0%	0
Micronesia	0.0%	0
Moldova	0.0%	0
Monaco	0.0%	0
Mongolia	0.0%	0
Montenegro	0.0%	0
Morocco	0.0%	0
Mozambique	0.0%	0

NESTA 2011 Membership Survey Summary Results

Namibia		0.0%	0
Nauru		0.0%	0
Nepal		0.0%	0
Netherlands		0.0%	0
Netherlands Antilles		0.0%	0
New Zealand		0.0%	0
Nicaragua		0.0%	0
Niger		0.0%	0
Nigeria		0.0%	0
North Korea		0.0%	0
Norway		0.0%	0
Oman		0.0%	0
Pakistan		0.0%	0
Palau		0.0%	0
Palestinian Territories		0.0%	0
Panama		0.0%	0
Papua New Guinea		0.0%	0
Paraguay		0.0%	0
Peru		50.0%	4
Philippines		0.0%	0
Poland		0.0%	0
Portugal		0.0%	0
Qatar		0.0%	0
Romania		0.0%	0
Russia		0.0%	0
Rwanda		0.0%	0



NESTA 2011 Membership Survey Summary Results

Saint Kitts and Nevis	0.0%	0
Saint Lucia	0.0%	0
Saint Vincent and the Grenadines	0.0%	0
Samoa	0.0%	0
San Marino	0.0%	0
Sao Tome and Principe	0.0%	0
Saudi Arabia	0.0%	0
Senegal	0.0%	0
Serbia	0.0%	0
Seychelles	0.0%	0
Sierra Leone	0.0%	0
Singapore	0.0%	0
Slovakia	0.0%	0
Slovenia	0.0%	0
Solomon Islands	0.0%	0
Somalia	0.0%	0
South Africa	0.0%	0
South Korea	0.0%	0
Spain	0.0%	0
Sri Lanka	0.0%	0
Sudan	0.0%	0
Suriname	0.0%	0
Swaziland	0.0%	0
Sweden	0.0%	0
Switzerland	0.0%	0
Syria	0.0%	0








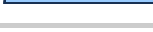




NESTA 2011 Membership Survey Summary Results

Taiwan		0.0%	0
Tajikistan		0.0%	0
Tanzania		0.0%	0
Thailand		0.0%	0
Togo		0.0%	0
Tonga		0.0%	0
Trinidad and Tobago		0.0%	0
Tunisia		0.0%	0
Turkey		0.0%	0
Turkmenistan		0.0%	0
Tuvalu		0.0%	0
Uganda		0.0%	0
Ukraine		0.0%	0
United Arab Emirates		0.0%	0
United Kingdom		0.0%	0
Uruguay		0.0%	0
Uzbekistan		0.0%	0
Vanuatu		0.0%	0
Venezuela		0.0%	0
Vietnam		0.0%	0
Yemen		0.0%	0
Zambia		0.0%	0
Zimbabwe		12.5%	1
answered question			8
skipped question			298



3. Gender:

		Response Percent	Response Count
Male		37.3%	112
Female		62.7%	188
answered question			300
skipped question			6










4. Age:

		Response Percent	Response Count
Less than 20		0.3%	1
20-25		1.3%	4
26-30		3.9%	12
31-35		6.9%	21
36-40		7.2%	22
41-45		9.9%	30
46-50		13.5%	41
51-55		22.0%	67
56-60		16.4%	50
61-65		12.5%	38
66-70		4.3%	13
Over 70		1.6%	5
answered question			304
skipped question			2

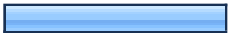



5. Do you teach in a formal educational setting (school, college, or university)?

		Response Percent	Response Count
Yes		91.5%	280
No		8.5%	26
answered question			306
skipped question			0


6. What levels do you teach (mark all that apply)?

		Response Percent	Response Count
Preschool		1.4%	4
Elementary		7.5%	21
Middle school		40.4%	113
High school		56.8%	159
Community college		6.8%	19
Undergraduate (4 year college)		10.4%	29
Graduate		5.4%	15
Teacher professional development		7.5%	21
Other		1.4%	4
answered question			280
skipped question			26



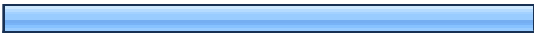








7. How would you characterize the area of your school?

		Response Percent	Response Count
Urban		33.1%	92
Suburban		41.4%	115
Rural		23.4%	65
Other		2.2%	6
answered question			278
skipped question			28











8. Please identify your school as a

		Response Percent	Response Count
Public school (mainly funded by the government)		86.4%	241
Private school (funded from private sources)		8.2%	23
Charter school (whether or not it receives government funds)		1.1%	3
Parochial school (religious school)		2.5%	7
Home school		0.0%	0
Other		1.8%	5
answered question			279
skipped question			27










9. What topics do you teach (mark all that apply):

		Response Percent	Response Count
Atmospheric science		64.7%	180
Oceanography		49.6%	138
Geology		79.9%	222
Earth system science		81.3%	226
Environmental science		53.2%	148
Space science		61.5%	171
Planetology		25.9%	72
Astronomy		63.3%	176
Cryosphere		19.1%	53
Ground and surface fresh water		52.9%	147
Other (please specify)		20.5%	57
		answered question	278
		skipped question	28



10. How long have you been teaching?

		Response Percent	Response Count
0-2 years		5.7%	16
3-5 years		6.1%	17
6-10 years		20.8%	58
11-15 years		15.4%	43
16-20 years		17.2%	48
21-25 years		9.7%	27
26-30 years		7.9%	22
31-35 years		8.2%	23
35 - 40 years		5.4%	15
More than 40 years		3.6%	10
		answered question	279
		skipped question	27




11. Please indicate the amount of preparation you have had in Earth and space science related courses at the college/university level, including in-service professional development courses.

		Response Percent	Response Count
No courses		2.9%	8
1-3 courses		11.5%	32
4-6 courses		10.4%	29
7-9 courses		6.5%	18
More than 10 courses		13.6%	38
An undergraduate degree in an Earth and space science related field		16.1%	45
A graduate degree in an Earth and space science related field		14.7%	41
A graduate degree in Earth science education		19.0%	53
Another graduate degree		5.4%	15
answered question			279
skipped question			27


12. Are you retired from teaching?

		Response Percent	Response Count
Yes		32.0%	8
No		68.0%	17
answered question			25
skipped question			281

13. If you are not a classroom teacher or professor, and are not retired, please indicate your profession(s) (mark all that apply).

		Response Percent	Response Count
educator in a museum, aquarium, planetarium or other science center		17.4%	4
park educator		0.0%	0
educator working with community group (such as scouting, 4H, YMCAs, or other similar organizations)		30.4%	7
Other (please specify)		65.2%	15
		answered question	23
		skipped question	283





14. Are you a member of NESTA?

		Response Percent	Response Count
Yes		100.0%	306
No		0.0%	0
		answered question	306
		skipped question	0



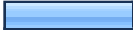





15. NESTA currently offers the following resources or programs to the membership. Please rank each of these in terms of its usefulness to you as a member of NESTA on a scale of 1 to 5, with 1 being not useful and 5 being extremely useful.

	1 not useful	2 less useful	3 average usefulness	4 more useful	5 extremely useful	Response Count
Our quarterly journal, The Earth Scientist	1.8% (5)	4.8% (13)	29.2% (79)	40.6% (110)	23.6% (64)	271
Our monthly e-mail newsletter, NESTA E-News	1.9% (5)	5.2% (14)	37.5% (101)	34.9% (94)	20.4% (55)	269
Periodic emails about opportunities	2.2% (6)	8.9% (24)	34.9% (94)	36.1% (97)	17.8% (48)	269
NESTA website	1.9% (5)	6.7% (18)	36.3% (97)	41.2% (110)	13.9% (37)	267
Volunteer opportunities in NESTA (in elected or appointed positions)	15.4% (40)	26.6% (69)	40.9% (106)	13.1% (34)	3.9% (10)	259
NESTA Share-a-thons at National NSTA	12.7% (32)	16.7% (42)	27.0% (68)	20.6% (52)	23.0% (58)	252
NESTA Share-a-thons at Area NSTAs	12.4% (31)	14.8% (37)	26.4% (66)	21.2% (53)	25.2% (63)	250
NESTA Earth and Space Science Resource Day at NSTA National	13.2% (33)	17.6% (44)	26.8% (67)	24.0% (60)	18.4% (46)	250
NESTA Rock Raffle at National NSTA	15.9% (40)	16.7% (42)	26.7% (67)	20.3% (51)	20.3% (51)	251
NESTA Rock Raffle at Area NSTAs	14.1% (35)	15.7% (39)	27.4% (68)	22.2% (55)	20.6% (51)	248
NESTA Field Trips at NSTA National conference	14.9% (37)	14.1% (35)	25.3% (63)	29.3% (73)	16.5% (41)	249
NESTA Friends of Earth Science Reception at NSTA National conference	16.5% (41)	20.6% (51)	35.1% (87)	19.0% (47)	8.9% (22)	248
NESTA Membership Meeting at NSTA National conference	17.7% (44)	19.8% (49)	35.5% (88)	19.8% (49)	7.3% (18)	248
NESTA-sponsored programs at state conferences.	10.9% (27)	11.3% (28)	28.3% (70)	34.0% (84)	15.4% (38)	247
				answered question		272



16. Regarding *The Earth Scientist*: The journal is currently offered quarterly. Please mark the response below that most accurately reflects how frequently you would like to see it published:

		Response Percent	Response Count
Quarterly		65.0%	178
Monthly		29.6%	81
Every 6 months		4.7%	13
Every year		0.7%	2
answered question			274
skipped question			32





17. The Earth Scientist content is a mix of information about upcoming events, classroom activities, programs, background science information and NESTA organizational information. Please mark the responses below that most accurately reflect the content you'd like to see included in the journal (mark all that apply):

		Response Percent	Response Count
The mix currently offered is just fine		40.1%	110
I'd like to see more classroom activities relevant to specific topics in Earth and space science		54.7%	150
I'd like to see more information about upcoming events and opportunities		19.0%	52
I'd like to see more background scientific information on topics in Earth and space science		29.2%	80
I'd like to see more information about pedagogical approaches for effectively teaching Earth and space science		23.7%	65
Issues should have a specific topical focus in Earth and space science		13.5%	37
Issues should have information about a number of different topics in Earth and space science		12.8%	35
Other		6.2%	17
		answered question	274
		skipped question	32



18. Do you receive our monthly electronic newsletter, NESTA ENews, each month?

		Response Percent	Response Count
Yes		85.8%	235
No		14.2%	39
answered question			274
skipped question			32





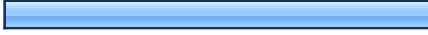
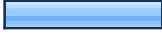







19. Please indicate the response that best reflects your use of the newsletter.

		Response Percent	Response Count
I scan it for things that might be of interest to me, and read those sections only		60.2%	160
I read most of the newsletter regularly		27.4%	73
I read all of the newsletter regularly		8.6%	23
I don't look at the newsletter		3.8%	10
answered question			266
skipped question			40

20. Do you usually click on links in the newsletter?

		Response Percent	Response Count
Yes		73.8%	197
No		26.2%	70
answered question			267
skipped question			39

21. What type of information do you want to get in the newsletter (mark all that apply)?

		Response Percent	Response Count
Upcoming NESTA activities and events		72.3%	201
Reports on NESTA activities after they happen		24.8%	69
Upcoming events and opportunities from other organizations		54.7%	152
Brief updates on science advances and discoveries		68.0%	189
Updates on Earth and space science education at the national, state and local levels		63.7%	177
Job opportunities		23.4%	65
Grant opportunities		61.2%	170
Professional development opportunities		66.2%	184
Classroom resources		87.1%	242
Information about NESTA leaders		6.8%	19
Information about how to volunteer		17.3%	48
Membership information		19.1%	53
Other (please specify)		1.1%	3
answered question			278
skipped question			28

22. What do you think about the length of the newsletter?

		Response Percent	Response Count
too short		4.2%	11
about right		90.5%	238
too long		5.3%	14
answered question			263
skipped question			43



23. Have you used information from the newsletter as a teacher?

		Response Percent	Response Count
Yes		79.6%	207
No		20.4%	53
answered question			260
skipped question			46


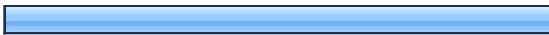
24. In order to help support NESTA, we have recently begun allowing relevant organizations to advertise their resources, programs and opportunities in the right column of ENews. Have you noticed these ads?

		Response Percent	Response Count
Yes		61.7%	164
No		38.3%	102
answered question			266
skipped question			40

25. Do the ads in ENews bother you?

		Response Percent	Response Count
Yes		10.5%	28
No		89.5%	239
answered question			267
skipped question			39

26. Have you clicked on any of these ads?

		Response Percent	Response Count
Yes		17.9%	47
No		82.1%	215
answered question			262
skipped question			44

27. How can NESTA E-News be improved?

		Response Count
		51
answered question		51
skipped question		255

28. NESTA periodically emails the membership about opportunities for professional development, employment opportunities, and new resources for geoscience education. About how frequently would you like to receive these emails?

		Response Percent	Response Count
Every few days		2.9%	8
Weekly		33.7%	92
Once per month		60.8%	166
Never		2.6%	7
answered question			273
skipped question			33




29. Have you participated in NESTA Shareathons as a presenter?

		Response Percent	Response Count
Yes		26.7%	72
No		73.3%	198
answered question			270
skipped question			36

30. Have you participated in NESTA Shareathons as an attendee?

		Response Percent	Response Count
Yes		53.5%	147
No		46.5%	128
answered question			275
skipped question			31



31. NESTA offers multiple Share-a-Thons at the National Science Teachers Association national conference. Should our Share-a-Thons at this venue have specific themes (such as geology, atmospheric science, etc), be open to resources regarding all topics in the Earth and Space Sciences, or should we have a mix of themed and general Share-a-Thons?

		Response Percent	Response Count
I prefer all Share-a-Thons have specific themes		34.7%	84
I prefer all Share-a-Thons be general and open to all topics		30.6%	74
I prefer a mix of themed and general Share-a-Thons		34.7%	84
		answered question	242
		skipped question	64

32. How can NESTA Shareathons be improved?

		Response Count
		49
		answered question
		49
		skipped question
		257



33. Have you participated in a NESTA Rock Raffle?

		Response Percent	Response Count
Yes		41.2%	108
No		58.8%	154
		answered question	262
		skipped question	44


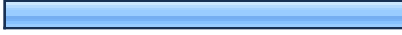
34. If so, how can NESTA Rock Raffles be improved?

	Response Count
	36
answered question	36
skipped question	270

35. Have you ever donated a specimen to a NESTA Rock Raffle?

		Response Percent	Response Count
Yes		15.4%	41
No		84.6%	226
	answered question		267
	skipped question		39

36. If you would like to donate a specimen to a NESTA Rock Raffle, do you know where to get the information to do this?

		Response Percent	Response Count
Yes		39.8%	105
No		60.2%	159
	answered question		264
	skipped question		42

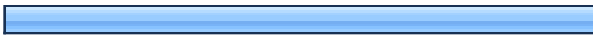





37. What is your favorite thing about the Rock Raffle (other than winning)?

	Response Count
	59
answered question	59
skipped question	247

38. What is your least favorite thing about the rock raffle (other than losing)?

	Response Count
	34
answered question	34
skipped question	272

39. NESTA is looking at ways to improve its offerings at NSTA conferences. Please indicate the type of sessions you would like us to hold, in addition to our Share-a-Thon(s) and Rock Raffle.

		Response Percent	Response Count
Workshops with classroom activities on Earth and space science topics		88.6%	226
Lectures		22.7%	58
Presentations on background science		36.5%	93
Social events (receptions, lunches, breakfasts)		25.1%	64
Nothing else		3.1%	8
Other (please specify)		7.8%	20
		answered question	255
		skipped question	51

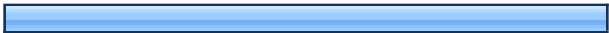


















40. NESTA is considering holding an annual summer conference as a venue for Earth and space science educators and those interested in providing resources and programs to them, and to help build our community. If we held such a conference for one week in the summer, at a venue near geologically interesting spots (allowing field trips), would you plan to come? Please note that we do not anticipate being able to provide travel support to attendees (or only very limited support based on need).

		Response Percent	Response Count
Yes, definitely!		37.4%	102
Absolutely no way!		1.5%	4
My attendance would depend on receiving funding.		32.2%	88
Other (please specify)		28.9%	79
answered question			273
skipped question			33

41. Have you visited the NESTA website at www.nestanet.org?

		Response Percent	Response Count
Yes		90.0%	244
No		10.0%	27
answered question			271
skipped question			35


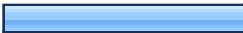








42. What type of information would you like to have shared through our website (mark all that apply)?

		Response Percent	Response Count
Links to classroom activities		90.7%	244
Images		63.6%	171
Animations and Video		76.6%	206
Powerpoints		64.7%	174
Information about professional development opportunities offered by NESTA and other groups		63.2%	170
Employment opportunities		29.7%	80
Mentoring opportunities		19.7%	53
Links to NESTA products and resources		48.0%	129
Calendar of current events and opportunities		55.0%	148
Calendar of historical Earth and space science events		49.4%	133
Online Rock Raffle		31.6%	85
Discussion Forums		22.7%	61
Grant opportunities		56.9%	153
Contest opportunities		26.4%	71
Student opportunities		40.5%	109
Field trips		58.4%	157
Links to other Earth science related organizations		53.9%	145
Position statements		19.3%	52
Other		3.7%	10

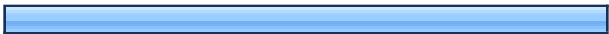

answered question 269

skipped question 37

43. NESTA is considering offering to members the ability to purchase NESTA merchandise online, in addition to being able to join and update your membership online. Which of the following types of merchandise would you be interested in purchasing online through NESTA?

		Response Percent	Response Count
Bumper stickers		34.5%	82
Sweatshirts		35.7%	85
NESTA membership pins		23.5%	56
T-shirts/polos		58.4%	139
Sets of classroom activity descriptions		57.1%	136
Back issues of TES, or additional copies of TES		20.2%	48
Earth balls		40.3%	96
Classroom activity kits		64.7%	154
Topical collections of classroom activities and background content in print		38.2%	91
Other		6.3%	15
		answered question	238
		skipped question	68



44. NESTA is considering adding advertising to its organizational website, to help fund NESTA's activities. Considering the need for funding, is this acceptable to you?

		Response Percent	Response Count
Yes		90.7%	245
No		9.3%	25
answered question			270
skipped question			36

45. Do you have suggestions for how the website can be improved?

	Response Count
	28
answered question	28
skipped question	278



46. Have you attended a NESTA Membership meeting?

		Response Percent	Response Count
Yes		24.4%	65
No		75.6%	201
answered question			266
skipped question			40

47. If so, how can NESTA Membership meetings be made more valuable to you?

		Response Count
		21
answered question		21
skipped question		285

48. Have you participated in a NESTA Field Trip?

		Response Percent	Response Count
Yes		19.1%	51
No		80.9%	216
answered question			267
skipped question			39






49. If so, how can NESTA Field Trips be improved?

		Response Count
		31
answered question		31
skipped question		275

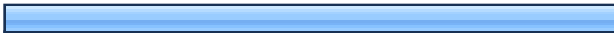

83. What trends do you observe regarding Earth and Space Science education in your school, district, and state?

	Response Count
	149
answered question	149
skipped question	157

84. How do you remain current on trends in Earth and space science education (mark all that apply)?

		Response Percent	Response Count
I rely on my district to keep me informed		5.2%	13
I rely on NESTA communications to keep me informed		59.3%	147
I rely on communications from other sources to keep me informed		62.1%	154
I seek out information from science and education resources and vendors		71.4%	177
Other		9.3%	23
	answered question		248
	skipped question		58




85. Do Earth and space science topics appear in your district and/or state science education standards?

		Response Percent	Response Count
Yes		92.1%	222
No		7.9%	19
answered question			241
skipped question			65




86. If known, would you please provide the web link to these standards

	Response Count
	79
answered question	79
skipped question	227










87. Do students at your school need to take standardized tests that include Earth and space science questions?

		Response Percent	Response Count
Yes		75.6%	183
No		18.6%	45
I don't know		5.8%	14
answered question			242
skipped question			64




88. Is there an effort underway to change the treatment of Earth and space science courses in your district/state?

		Response Percent	Response Count
Yes		40.7%	99
No		30.9%	75
I don't know		28.4%	69
answered question			243
skipped question			63

89. If so, how is the treatment of Earth and space science courses changing (mark all that apply)?

		Response Percent	Response Count
It is being changed from a required course to an elective at the high school level		17.3%	22
It is being dropped from the high school entirely		19.7%	25
It is being added as a required high school course		7.9%	10
It is being added as a high school elective		7.9%	10
It is being moved from the high school to a middle school required course		22.0%	28
It is being moved from the high school to a middle school elective		3.1%	4
It is being dropped from middle school		1.6%	2
It is being added as a high level capstone course in high school (11th or 12th grade)		7.9%	10
Other (please specify)		40.2%	51
answered question			127
skipped question			179

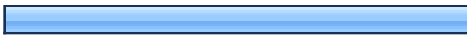

90. Has the implementation of NCLB impacted the teaching of Earth and space science at your school?

		Response Percent	Response Count
Yes		36.3%	86
No		29.1%	69
I don't know		34.6%	82
answered question			237
skipped question			69

91. If so, how?

	Response Count
	74
answered question	74
skipped question	232

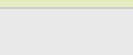








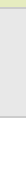





92. In the past 5 years, have you seen changes in the types or number of field trips allowed or paid for at your school?

		Response Percent	Response Count
Yes		69.7%	163
No		30.3%	71
answered question			234
skipped question			72





93. If so, please feel free to explain:

	Response Count
	139
answered question	139
skipped question	167

94. Please indicate if you have had difficulty or pressure from students, parents, administrators, or other community members to not teach about the following topics:

		Response Percent	Response Count
gravity		5.1%	5
Newton's laws		7.1%	7
climate change		49.0%	48
electricity		2.0%	2
ocean circulation		2.0%	2
magnetism		2.0%	2
relativity		3.1%	3
atmospheric chemistry and dynamics		5.1%	5
evolution		61.2%	60
solar system formation		21.4%	21
the age of the Earth/geologic time		52.0%	51
thermodynamics		4.1%	4
the structure of the Sun		4.1%	4
planetary formation		15.3%	15
the water cycle		1.0%	1

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environmental science		7.1%	7
pollution		7.1%	7
the use of minerals in society		4.1%	4
Other (please specify)		15.3%	15
answered question			98
skipped question			208






95. If you have experienced difficulty in teaching about some concepts in Earth and space science arising from non-scientific influences, please share your experiences.

	Response Count
	47
answered question	
	47
skipped question	
	259




96. Please prioritize your most pressing needs as an Earth and space science educator (with 1 being highest priority and 3 being lowest priority):

	1 Highest Priority	2 Second Highest	3 Lowest Priority	Response Count
Opportunities for professional development on specific topics in Earth and space science	37.2% (87)	42.7% (100)	20.1% (47)	234
Easy access to high quality curriculum materials on Earth and space science	60.7% (145)	29.7% (71)	9.6% (23)	239
Opportunities to communicate regularly with other Earth and space science educators across the country	15.5% (37)	24.8% (59)	59.7% (142)	238
answered question				240
skipped question				66

97. Regarding the use of computers and computer technologies for Earth and space science education, please answer the following questions: Access (please mark the response that most closely matches your situation):

		Response Percent	Response Count
I have good access to computers, technology, and the internet in my classroom		55.4%	129
I have limited access to computers, technology, and the internet in my classroom		33.0%	77
I have no access to computers, technology, and the internet in my classroom		1.3%	3
I have access to computers, technology, and the internet elsewhere in my school		9.9%	23
I have access to a computer in my classroom, but not to the internet		0.0%	0
I don't have access to computers, technology, or the internet at my school		0.4%	1
		answered question	233
		skipped question	73

98. Has your access to technology improved, or gotten worse, over the past year?

		Response Percent	Response Count
improved		46.8%	110
gotten worse		11.9%	28
stayed about the same		41.3%	97
answered question			235
skipped question			71








99. Use: Please rate the frequency of your use of the following tools in your classroom (1 - never, 2 - once per year/semester (for semester course), 3 - monthly, 4 - weekly, 5 - daily)

	1 Never	2 Once per year/semester	3 Monthly	4 Weekly	5 Daily	Response Count
Computers (for using CDs, DVDs, word processing, analysis spreadsheets, running specific software packages, graphics, etc not using the internet)	3.1% (7)	7.0% (16)	17.0% (39)	22.7% (52)	50.2% (115)	229
Technological tools (other than computers, such as GPS, UV monitors, etc)	30.4% (69)	23.8% (54)	21.1% (48)	14.1% (32)	10.6% (24)	227
Internet	1.3% (3)	6.7% (15)	9.0% (20)	26.5% (59)	56.5% (126)	223
answered question						231
skipped question						75
















100. What are the most important innovations you have been able to use effectively in your classroom?

	Response Count
	93
answered question	93
skipped question	213

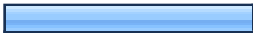





















101. Where do your curriculum materials come from (please mark all that apply)?



		Response Percent	Response Count
Adopted textbook and ancillary materials provided by my district		72.4%	173
Major websites not affiliated with textbooks		69.9%	167
Workshops and professional development venues		69.5%	166
State teacher organizations		30.1%	72
Materials shared by colleagues		64.4%	154
Materials developed by yourself		84.1%	201
Other		3.3%	8
	answered question		239
	skipped question		67

102. Please indicate the types of online resources that are the most valuable to you:

		Response Percent	Response Count
models that students can manipulate		68.4%	162
access to archival data you can use in the classroom		40.1%	95
access to real-time data you can use in the classroom		67.5%	160
measurement tools		35.4%	84
video and animations		81.0%	192
images (photos, graphs, and diagrams)		73.0%	173
background science content to help you improve your knowledge		55.3%	131
background science content for your students to use in learning and projects		56.1%	133
maps		66.2%	157
discussion forums		10.5%	25
classroom activities		71.3%	169
interactives		51.9%	123
online lectures		11.4%	27
online demonstrations of activities		33.8%	80
Other (please specify)		1.7%	4
		answered question	237
		skipped question	69

103. If your curriculum materials come from websites, what agencies, organizations, or companies do they come from?

		Response Percent	Response Count
AGI		37.1%	85
AMS		22.7%	52
DLESE		37.6%	86
GLOBE		22.3%	51
NCAR/UCAR		31.9%	73
NOAO		8.7%	20
USGS		81.2%	186
Woods Hole		11.8%	27
AGU		14.8%	34
COSEE		19.2%	44
EPA		37.6%	86
NASA		89.1%	204
NOAA		83.0%	190
NSDL		15.3%	35
Scripps		7.0%	16
Windows to the Universe		52.8%	121
Universities		31.9%	73
GSA		23.6%	54
PBS Teacher's Domain		41.5%	95
Creative Commons		3.1%	7
Hippocampus		3.1%	7
Phet		14.8%	34

Science Center websites		12.2%	28
Other (please specify)		14.0%	32
answered question			229
skipped question			77

104. Please share any other comments you like to make about your needs, concerns, and trends in Earth and space science education?

	Response Count
	22
answered question	22
skipped question	284

105. Please provide any other comments you would like to share.

	Response Count
	24
answered question	24
skipped question	282