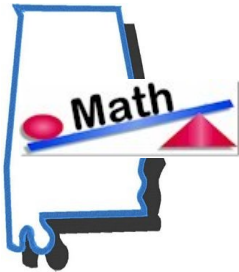


## Appendix M

### Alabama Math, Science and Technology Initiative Professional Development Trainer Background Sheet and Trainer Log: Seventh Grade Math



# Alabama Math, Science and Technology Initiative: Professional Development Trainer Background Sheet and Trainer Log Seventh Grade Math

The AMSTI program is interested in learning more about the impact of the professional development on the way the program is implemented in the classroom. It is important that we understand what material is covered and what methods are used to present it to teachers. Information collected from the AMSTI trainers will provide useful feedback that will help improve future trainings and on-going professional development.

The collection of information in this study is authorized by Public Law 107-279 Educations Sciences Reform Act of 2002, Title 1, Part C, Sec. 151 (b) and Sec. 153 (a). Participation is voluntary. You may skip questions you do not wish to answer; however, we hope that you will answer as many questions as you can. Your responses are protected from disclosure by federal statute (PL 107-279 Title 1, Part C, Sec 183). All responses that relate to or describe identifiable characteristics of individuals may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose, unless otherwise compelled by law. Data will be combined to produce statistical reports. No individual data that links your name, school name, address, telephone number, or identification number with your responses will be included in the statistical reports.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is **XXXX-XXXX (expiration date: XX/XX/07)**. The time required to complete this information collection is estimated to average 5<sup>1</sup> minutes, including the time to review instructions, search existing data resources, gather the data needed, and complete the information collection. **If you have any comments concerning the accuracy of the time estimate or suggestions for improving this form, please contact:** the Department of Education 50 North Ripley Street PO Box 302101 Montgomery, AL 36104. **If you have comments or concerns regarding the status of your individual submission, e-mail directly to:** [rsawyer@aed.org](mailto:rsawyer@aed.org).

Please complete this cover page on the first day of training and one brief training log *at the end of each day* of training. Your responses will be kept confidential. Data will be reported in the aggregate and no individuals will be named.

Thank you for your cooperation. We appreciate your help!

Trainer Name \_\_\_\_\_

Date(s) you will be training \_\_\_/\_\_\_/\_\_\_ - \_\_\_/\_\_\_/\_\_\_

## Professional Development Trainer Background Sheet

<sup>1</sup> The estimate of 5 minutes for information collection is based on completion of the Daily Trainer Log at the end of each day. The Professional Development Trainer Background Sheet only needs to be completed by you once, on which occasion, the estimated time for information collection will be a total of 15 minutes.

1. How many years of teaching experience do you have? (Circle one.)

None          1-5          6-10          11-15          16 or more

2. Have you previously taught in an AMSTI school (not including a LAMST school)? \_\_\_\_ Yes  
\_\_\_\_ No

3. In what years (if any) did you conduct training at an AMSTI or LAMST summer institute in the past? (Circle yes or no for each year.)

2002:	Yes	No
2003:	Yes	No
2004:	Yes	No
2005:	Yes	No

\_\_\_\_ I have never before trained at an AMSTI/LAMST summer institute.

4. Not including your work as a trainer for AMSTI/LAMST, how many years have you conducted professional development in the areas of math and/or science? (Circle one.)

None          1-5          6-10          11-15          16 or more

# Professional Development Trainer Log

## 7<sup>th</sup> Grade Math

**Please complete this log at the end of each training day. Please attach a copy of any materials you used today (e.g., handouts, quizzes or assessment tools) that were not in participants' packets.**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Content Coverage

- Below is a list of curricular units from the Connected Math Grade 7 materials. For each topic listed, please **circle** the response that best describes the extent to which you covered the content in your training session **today**. We do not expect that all topics will be covered each day. If you covered other topics today that are not listed, please describe the topics and indicate the extent to which you covered those topics in the "other" rows provided. Use additional space as needed.

	None	A little bit	Moderate	Most of it	Completely
Enlarging figures using rubber-band stretchers and coordinating plotting	1	2	3	4	5
Visualizing similar and distorted transformations informally	1	2	3	4	5
Identifying similar figures by side lengths and angles	1	2	3	4	5
Recognizing scale factors for similar figures	1	2	3	4	5
Reptiles: Building and dividing shapes	1	2	3	4	5
Understanding the relationship between similarity and equivalent fractions	1	2	3	4	5
Understanding areas of similar figures	1	2	3	4	5
Understanding similar triangles: rules	1	2	3	4	5
Understanding similar rectangles: rules	1	2	3	4	5

	None	A little bit	Moderate	Most of it	Completely
Solving for unknown lengths with scale factors	1	2	3	4	5
Making connections to the real world	1	2	3	4	5
Making connections to algebra	1	2	3	4	5
Making connections to geometry	1	2	3	4	5
Using geometry software	1	2	3	4	5
Using writing in mathematics	1	2	3	4	5
Other, please describe:	1	2	3	4	5
Other, please describe:	1	2	3	4	5

## Teaching methods

2. For today, approximately *what percentage* of time did you spend with your group doing each of the following?

	None	1-25%	26% - 50%	51%-75%	76%-100%
Lecture	0	1	2	3	4
Lesson demonstrations/modeling	0	1	2	3	4
Skills practice	0	1	2	3	4
Small-group discussion	0	1	2	3	4
Whole-group discussion	0	1	2	3	4
Hands-on activities	0	1	2	3	4
Computer-based instruction	0	1	2	3	4
Other practices, please describe:	0	1	2	3	4
Other practices, please describe:	0	1	2	3	4

3. What do you think was the most effective part of today's training?

4. If you could change anything about the training today, what would you change?