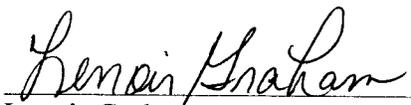


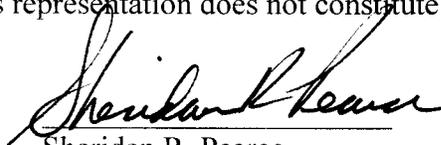
MEMORANDUM OF UNDERSTANDING  
BETWEEN  
DEPARTMENT OF DEFENSE DEPENDENTS SCHOOLS  
AND FEDERAL EDUCATION ASSOCIATION

DoDEA Algebra I Quarterly and End of Course Assessment – Full Implementation

The Department of Defense Dependents Schools (DoDDS) and the Federation Education Association (FEA) hereby agree to the following in implementing the DoDEA Algebra I Quarterly and End of Course Assessment – Full Implementation in DoDDS in accordance with the attached guidance.

1. Management-directed training associated with the DoDEA Algebra I Quarterly and End of Course Assessment – Full Implementation initiative will be held during the duty day. If training cannot be accomplished during the duty day, the parties agree that management and the FRS will consult about the time, place and length of the training at the local level. If conducted away from the duty site, educators will be compensated for the time spent at training in accordance with established practice.
2. The method for providing training related to the DoDEA Algebra I Quarterly and End of Course Assessment – Full Implementation initiative will be determined at DoDEA headquarters. The FEA will be provided information about the training and other issues related to the implementation of the DoDEA Algebra I Quarterly and End of Course Assessment – Full Implementation initiative.
3. Upon completion of SY 07/08, the parties agree that, the FEA will be provided a summary of the feedback, including any problems identified, from the implementation of the DoDEA Algebra I Quarterly and End of Course Assessment – Full Implementation. After receiving the feedback, the parties will meet and review the results.
4. The parties agree that, if any changes are made to the process as agreed, FEA will be notified and may then request additional bargaining on modifications.
5. In attempting to resolve any disputes that arise, the parties agree to make every effort to resolve such disputes at the organizational level where they arise prior to forwarding the matter to the next level.
6. FEA will be given the opportunity to designate a representative on committees, task forces, work groups, etc. that involve bargaining unit members in accordance with currently established practice. It is understood that this representation does not constitute bargaining.

  
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Lenoir Graham  
Human Resources Director, DoDEA  
July 3, 2007

  
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Sheridan R. Pearce  
FEA President  
July 3, 2007

## Priority Union Issue

**Topic: Algebra I Quarterly and End-of-Course Assessments – First Year of Implementation**

**Date Decision Needed: July 1, 2007**

### **Purpose:**

Goal 1 of the Community Strategic Plan (CSP) requires the implementation of systemwide, criterion-referenced (standards-based) student achievement measures, in addition to the norm-referenced assessment currently being used (TerraNova Multiple Assessments). Results will be used to gauge DoDEA's progress and achievement of Goal 1: Highest Student Achievement. During the 2005-06 school year, the Algebra I Quarterly and End-of-Course Assessment items and software for on-line test administration were developed. During the 2006-07 school year, the Algebra I Quarterly and End-of-Course assessments were field-tested. School year 2007-08 is the first operational year for the assessments.

### **Process:**

During the 2004-05 school year, DoDEA contracted with *pan*, Inc. to develop Algebra I Quarterly and End-of-Course Assessments aligned with the DoDEA Mathematics Content Standards and the Algebra I Curriculum Guide.

During the 2005-06 and 2006-07 school years, the items for three Quarterly Assessments (end of the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> quarters) and an End-of-Course Assessment were developed and field tested for operational use during the 2007-2010 school years. During the field test year of development, the contractor provided scoring of the constructed-response items in order to develop scoring guides and training manuals for the process.

The first operational year for the assessments is school year 2007-08. Each assessment form consists of two sections: multiple-choice items and constructed-response items.

### Quarterly

The Quarterly Assessments have 20 multiple-choice items and 5 constructed-response items. Each Quarterly Assessment is to be completed within a 90-minute time period, which can be administered in two 45-minute segments: multiple-choice items and constructed-response items. Electronic copies of the constructed-response items will be provided to schools for local reproduction.

Students may have additional time, if needed. Each Quarterly Assessment measures only the content taught in that quarter. The multiple-choice items will be completed and scored online. The five constructed-response items will be scored by Algebra teachers. Algebra Coaches and/or department chairs or area liaisons will provide support and guidance. Teachers will then enter the item scores into the online assessment system, to secure the total score for each Quarterly Assessment. Quarterly Assessments will be administered and scored during the last week of each quarter.

### End-of-Course

The End-of-Course Assessment consists of 40 multiple-choice items and 10 constructed-response items. The End-of-Course Assessment addresses the total Algebra I curriculum. The End-of-Course Assessment should be completed within one 75-minute (multiple-choice) and one 50-minute (constructed-response) time frame. Students may have additional time, if needed. Schools will be provided with copies of the constructed-response booklets for the End-of-Course Assessment. All multiple-choice items will be completed and scored online. The End-of-Course constructed-response items will be scored by DoDEA teachers at a summer scoring conference in 2008, facilitated by the contractor. An additional outcome of the summer scoring conference will be a report of the major areas needing instructional improvement.

### Professional Development for Scoring the Quarterly Assessments in SY 2007 - 2008

Professional Development will be provided to the Algebra Coaches and Area Math ISSs by the contractor in Arlington, VA, during the week of August 6-10, 2007. The training will include using the scoring guides to score the constructed-response items from the Quarterly Assessments, guidance for training teachers to score the items after each Quarterly Assessment and procedures for entering the scores into the online assessment system. The Algebra Coaches and Area Math ISSs will develop Action Plans for scoring sessions in their Areas. The schedules developed for the Action Plans will be disseminated to schools at the beginning of the school year.

Area Math ISSs and the District Assessment POCs also should be involved in several scoring sessions to provide continuity for scoring. Department Heads will also be trained as the facilitators to lead the scoring in SY 08-09 and beyond.

An online module will be available for use during each quarterly scoring process after the testing has been completed.

DoDEA will provide three PD days per algebra teacher. (The time allotted for the initial quarter may vary; however a total of 3 days will be provided and used throughout the school year.)

DoDEA will monitor the assessment processes throughout the school year, conduct an evaluation after the first semester and at the end of the school year in order to refine the process based upon evaluation results.

**Scope:** All teachers of Algebra I

A handwritten signature in black ink, appearing to be 'SAP' with a flourish underneath.