

ELEMENTARY MATH ENDORSEMENTS
APRIL 28, 2009
EMBASSY SUITES HOTEL
SALT LAKE CITY

May 14th Meeting Conflict

Superintendent Patti Harrington has called a special meeting on May 14th to discuss the stimulus package and the national common standards in math and English-language arts. Therefore, the next meeting for this committee has been changed to Monday, May 18th at the USOE in the north board room. (12:00-3:00)

Please review these minutes and e-mail comments or concerns to Lois (lois.richins@schools.utah.gov).

Review of Purpose:

The responsibility of the committee is to revise the elementary mathematics endorsement for post graduate teachers and recommend to Associate Superintendent Brenda Hales, Curriculum Director Lynne Greenwood and Director of Educator Licensing Sydnee Dickson.

Discussion of Timeline: I

It is expected that two more meetings will be needed to finish syllabi for all six classes.

The following are proposed classes for an educator to pursue an Elementary Math Endorsement:

- ***Numbers and Operations***
- ***Proportionality & Rational Numbers***
- ***Geometry and Measurement***

(The following syllabi will be the focus of the next meeting)

- *Algebra*
- *Probability, Problem Solving and Data Analysis*
- *Assessment and Analysis of Student Thinking*

Embedded in all courses: Technology, NCTM Standards, Core Curriculum, and Differentiation.

Other points to consider:

- *What prerequisites are needed for each class?*
- *Do these classes need to be completed in a specific order, if not already noted?*
- *Courses are intended for teachers with 3 or more years teaching experience.*
- *Many endorsement courses focus on content rather than teaching how to teach effectively.*
- *According to board rules, any new endorsements should include a test, if a test is available. Reference was made to the Massachusetts test for teachers. This can be seen online.*
- *Endorsements provide added value beyond undergraduate preparation.*

Instructor Minimum Qualifications Recommendations

- **Master's Degree and Current Mathematics Endorsement**
or
Master's Degree in Mathematics or Mathematics Education
AND
- **3 Years Teaching Experience**

Meet with Groups; Prepare Recommendations for:

- **Course Title**
- **Bibliography**
- **Objectives**
- **Possible Assignments**
- **Prerequisites Needed? Order of Courses**
- **Choose a Person to Refine and Complete Templates (Stipend Available)**

Group discussions centered on Numbers and Operations, Rational Numbers, and Geometry.

Review Other Groups' Recommendations

Each group then reviewed another course as stated above.

Please send comments and suggestions to Lois regarding these frameworks. A person/s was designated for each group to refine the class syllabus and forward to Lois. Lois will then send these documents (via e-mail) to committee members prior to the next meeting. Also, please review the e-mail from Dr. David Wright (sent April 27) and the recommended reading.

Discuss "Next Steps"

Application Format

University Contacts and Information Dissemination

Minutes from this meeting will be sent via e-mail.

Please send questions and comments to Lois (lois.richins@schools.utah.gov).

One additional e-mail will be sent with coursework as attachments. (These will be reviewed at the next meeting.)

Next Meeting: May 18th, 2009

11:30 – 3:00 p.m.

USOE North Board Room

250 East 500 North

Salt Lake City, UT