



Weaving Innovative Instructional Strategies and Data into Mathematics and Science

**wis'dom**      *n.*      the ability to make sound judgments; insight or intuition; extensive knowledge; an accumulated body of knowledge

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## 2007-2008 Approved Professional Development Options

The following courses and options have been approved as professional development which may be used to meet the twelve hour professional development requirements for WIISDM and the annual math retention stipend. Teachers may choose from any category for a total of twelve hours of credit.

### Category 1: - Content Based

*These sessions will be offered by IISD– teachers may register using Coursewhere*

Digging Deeper – Teaching TEKS with Depth and Complexity (6 hours)

Using Math Exemplars (3 hours)

Data Driven Instruction – Hands on Math (6 hours)

Math Literacy – Conversations That Count in the Classroom (3 hours)

STAR Grant program sessions (3 hours each)

TEKS Checks and Beyond (6 hours)

90 Minutes of Math (3 hours)

Using the Graphing Calculator for Problem Solving (two 3 hour sessions)

### Category 2: Professional Learning Communities (PLC) (up to 12 hours)

*These sessions will be offered at both the district and campus level. Participants may register with campus department chairs and/or IISD math coordinators*

Campus PLC – will focus on TEKS checks, student achievement, best practices \*

District PLC - will focus on TEKS checks, student achievement, best practices, distributive practice\*

Category 3: Campus and District Leadership (12 hours)

*Teachers chosen for these activities will be awarded professional development credit as approved by the secondary math coordinators and campus principal.*

Campus department chair

Writing and reviewing math curriculum

Writing and reviewing math assessments

Leading campus or district professional development

Presenting at CAMT annual conference

Texas Instruments math initiative participant

Other campus or district leadership roles as approved

\* Campus and district PLCs will follow the following format:

1<sup>st</sup> session (three hours):

- ✓ Review previous years achievement results and TEKScheck #1.
- ✓ Review student expectations and IISD curriculum.
- ✓ Plan for differentiated instruction using best practices and flexible grouping.
- ✓ Complete unit and lesson planning.

2<sup>nd</sup> session (three hours):

- Same process as 1<sup>st</sup> session using TEKSchecks #2

3<sup>rd</sup> session (three hours):

- ◆ Same process as 1<sup>st</sup> session using semester exam results

4<sup>th</sup> session (three hours):

- ❖ Same process as 1<sup>st</sup> session using TEKSchecks #4 and #5