



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

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 WIISDMS and the annual secondary science 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 Science Labs (3 hours)
- Data Driven Instruction – Hands on Science (6 hours)
- Science Literacy – Conversations That Count in the Classroom (3 hours)
- TEKSchecks and Beyond (6 hours)

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 IISD science 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 science coordinators and campus principal.

- Campus department chair
- Writing and reviewing science curriculum
- Writing and reviewing science assessments
- Leading campus or district professional development
- Presenting at CAST annual conference
- Other campus or district leadership roles as approved

* Campus and district PLCs will follow the following format:

1st 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.

2nd session (three hours):

- Same process as 1st session using TEKSchecks #2

3rd session (three hours):

- ◆ Same process as 1st session using semester exam results

4th session (three hours):

- ❖ Same process as 1st session using TEKSchecks #4 and #5