

Seven Steps to Professional Development Design

1. **Who?** Elementary School Principals from around the state.
2. **Why?** “Leadership is second only to classroom instruction among all school-related factors that contribute to what students learn at school.” – *The Wallace Foundation*. Principals serve as instructional leaders and more importantly, according to Rick DuFour, as Lead Learners, in their schools. When principals understand the content and the pedagogy of a particular curriculum they are more likely to give appropriate leadership in that area, and to develop leadership among their teachers. The work in a school is too large and too complex for one person to lead and manage. Lead Learners, then, must know how to recognize and develop leadership among their teachers. This workshop is intended to help principals understand the content, the pedagogy, and what it takes to lead and develop leaders in mathematics and science.
3. **When?** October 11 and 12, 2012. November 15 and 16, 2012. January 10 and 11, 2013. February 7 and 8, 2013. March 14 and 15, 2013
4. **Where?** October - Holiday Inn Express, Heber City, Utah; November - Alpine School District Offices, American Fork, Utah; January - Sevier County School District Offices, Richfield, Utah; February - Washington County School District Offices, St. George, Utah; March - TBD – probably Thanksgiving Point, Lehi, Utah.
5. **What?**
 - a. Understanding the Utah State Core Curriculum (Common Core State Standards) and its focus, coherence, clarity, and rigor.
 - b. Understanding the instructional shifts necessary to implement the core with fidelity.
 - c. Understanding the role of the principal in leading the implementation of the core.
 - d. Understanding the KSA (knowledge, skills, and abilities) students must have to learn mathematics and to learn from mathematics.
 - e. Understanding the place of mathematics in the curriculum.
 - f. Understanding the critical role science instruction occupies in the elementary curriculum and how that plays a role in the new accountability system.
 - g. Understanding the core construction including content standards and the Intended Learning Outcomes.
 - h. Know about the Next Generation Science Standards and Framework.
 - i. Utilize the Utah Effective Teaching Standards in classroom observation and evaluation.
6. **What For?** So that principals can meet the expectations in the Utah Educational Leadership Standards 1, 2, and 3 in terms of mathematics and science.
7. **How?** Face to face instruction, hands on learning experiences, field-based observations, case study problem solving, learning tasks, book study, self-evaluation, reflection, and dialogue.