



### **WHAT & WHO:**

**Science Institute:** LuAnn Lindskov, SD 2014 Teacher of the Year, Timber Lake Math/Science Instructor

**Math Institute:** Marcia Torgrude, TIE Learning Specialist

**ELA Institute:** June Preszler, TIE Learning Specialist

### **COSTS:**

Through funding available from TIE and the SDDOE, we are able to offer the onsite institutes **free of charge**. Participants choosing to take the institutes for graduate credit will be responsible for fees and will be required to participate in online follow-up activities.

**Contact:** June Preszler, [jpreszler@tie.net](mailto:jpreszler@tie.net), (605) 431-8009

Graduate credit will be available.

**Register:** <http://bit.ly/LearningPower2014>

**Science Institute:** Immerse yourself in a day of science and engineering activities and teaching strategies! This workshop will focus on scientific inquiry as a process and making connections between understanding science, and applying engineering principals. Participants will experience activities that allow for student engagement in the practices for science and engineering. Sources of featured activities include Laying the Foundation, NASA, and the Smithsonian Institution.

**ELA Institute:** Examine, explore and experience engaging yet challenging learning activities designed specifically for the English classroom. Aligned to the CCSS and formative assessment processes, the strategies encourage critical thinking and problem solving. Innovative and challenging lessons will include teacher-developed resources now featured on the Smarter Balanced Digital Library.

**Math Institute:** Turn student aspirations into classroom realities with the Mathematics Assessment Program (MAP) which aims to bring to life the Common Core State Standards. The institutes will feature the Teaching for Robust Understanding of Mathematics (TRU Math) scheme which characterizes the five critical dimensions of mathematically productive classrooms. Featured materials will include **Classroom Challenges**, lessons featuring the formative assessment processes; the *TRU Math Rubric*, a tool to measure classroom performance along six critically important dimensions of classroom activity and the *TRU Scoring Guide*, instructions for assigning scores when using the TRU Math Rubric.



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