Elementary Mathematics

Professional Development Plan – Summer 2013

|  |  |  |
| --- | --- | --- |
| Number Sense  June 24th + 25th  8:00am – 4:00pm  Location: TBD | Addition and Subtraction  June 17th + 18th  8:00am – 4:00pm  Location: TBD | Multiplication and Division  June 10th + 11th  8:00am – 4:00pm  Location: TBD |
| Target Grade Level: Kindergarten – 1st  grade  **Focus:**   * Examine strategies for students to develop tools to think of numbers in many ways and in different contexts. * Deepen understanding of The Common Core Standards in order to provide support of rigorous instruction and expectations of fluency and conceptual understanding with number sense. * Collaboration with grade level teachers in the area of number sense using whole number quantities. * In-depth exploration of the Mathematical Practice Standards. | Target Grade Level: 2nd – 3rd grade  **Focus:**   * Examine strategies for addition and subtraction of whole numbers in connection with place value. * Deepen understanding of The Common Core Standards in order to provide support of rigorous instruction and expectations of fluency and conceptual understanding with addition and subtraction. * Collaboration with grade level teachers in the area of addition, subtraction, measurement and place value using whole number quantities. * In-depth exploration of the Mathematical Practice Standards. | Target Grade Level: 4th – 5th grade  **Focus:**   * Examine strategies for multiplying and dividing whole numbers and fractions. * Deepen understanding of The Common Core Standards in order to provide support of rigorous instruction and expectations of fluency and conceptual understanding with properties of multiplication and division. * Collaboration with grade level teachers in the area of multiplication and division of whole and fractions. * In-depth exploration of the Mathematical Practice Standards. |
| Cognitively Guided Instruction (CGI) – National Math Conference  July 10 – 12th  Des Moines, IA  Marriot Downtown | | |
| The Seventh Biennial National Cognitively Guided Instruction Conference will be held at the Downtown Marriot in Des Moines this summer. It is a three-day conference with a Keynote Speaker and many breakout sessions focused around CGI.  For more information or to register: <http://www.cesmee.hs.iastate.edu/cgi/index.html> | | |