Elementary Mathematics

Professional Development Plan – Summer 2013

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| Number SenseJune 24th + 25th8:00am – 4:00pmLocation: TBD | Addition and SubtractionJune 17th + 18th8:00am – 4:00pmLocation: TBD | Multiplication and DivisionJune 10th + 11th8:00am – 4:00pmLocation: 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.
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| Cognitively Guided Instruction (CGI) – National Math ConferenceJuly 10 – 12th Des Moines, IAMarriot 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> |