

# ***Everyday Mathematics***

## **Parent Meetings**

**Fall - 2009**

### 1-Critical cornerstone tenets of *Everyday Mathematics*

- Quality Concept-Based Instruction ( $\frac{1}{2} \div \frac{1}{4}$ )
- Meaningful Distributed Practice  
(2 X 5...Concepts introduced 2 years prior to mastery through 5 focused lessons plus multiple applications)
- Using mathematics through different lenses  
(Counting by 5's...nickels, minutes, centimeters, tally marks, skip counting, number line, 100's chart...)

### 2-*Everyday Mathematics*:

- Is a tight well planned scope and sequence
- Is a Problem-Based/Concept-Based program
- Tightly Spiraling Program.....meaningful distributed practice
- Positively impacts mathematics scores (Bettendorf, Cedar Falls, Waukee, Ames, Norwalk, Iowa City.....)
- Is quite prescriptive for teachers
- Has home activities.....Home Links (K-3) and Study Links (4-6).....planned and purposeful
- Has formal instruction in each lesson
- There are 20-25 games/activities. These routines are used over and over again throughout the K-6 grade levels
- Has a daily lesson assessment component
- Speaks to introductory/practice of skills & concepts and mastery/secure of skills & concepts
- Multiple year Professional Development
- Student Materials: Student Mathematics Journal, Student Reference Book, Home/Study Links

### 3-*Everyday Mathematics* is not:

- A “loosey, goosey wide open, do anything you want” program
- A collection of random games and activities
- A traditional program

### 4-*Everyday Mathematics*- attached

- Learning in Perspective- grade 3 (where we have been, where we are going)
- Typical EDM lesson
  - Warm-Up & Connect to prior learning
  - Introduction to New Content & Skills (Modeling, Discussion, Exploration, Application...)
  - Ongoing Practice & Review (Math Journals, Home/Study Links, Math Boxes, Games, Activities...)
- EDM Pupil Progress Reports

### 5- EDM websites for parents and teachers

- [http://instruction.aaps.k12.mi.us/EM\\_parent\\_hdbk/](http://instruction.aaps.k12.mi.us/EM_parent_hdbk/)
- [https://www.wrightgroup.com/parent\\_connection/index.html](https://www.wrightgroup.com/parent_connection/index.html)

### 6-Other:

- Implementation with fidelity and integrity
- Full implementation will take up to three years
- Integrating the Iowa Core Curriculum, Essential Questions, assessments, Mathematics Benchmarks, and *Everyday Mathematics* will change our Pupil Progress Report
- The 2009-10 school year will be an exciting and challenging year for K-6 mathematics
- Alternative Algorithms