

**Content Standards & Benchmarks: Mathematics**  
**Grade 3**  
**West Des Moines Community School District**

- Standard #1: Students will use mathematics to solve problems, communicate, and work with others.
- 3.1.a apply make a list, draw a picture, or use computation strategy to solve a nonroutine problem.
  - 3.1.b choose proper operations and processes in multi-step problems.
- Standard #2: Students will use measurement skills.
- 3.2.c tell time to the minute.
  - 3.2.d select appropriate estimate measurement for weight of a given object using customary measurement.
  - 3.2.e use customary measurement to determine length to the nearest half inch.
- Standard #3: Students will use reasoning skills, mental mathematics, and estimation skills.
- 3.3.f use mental math to add and subtract numbers.
  - 3.3.g use estimation skills to round whole numbers to the nearest tens and hundreds.
- Standard #4: Students will perform mathematical operations and see relationships among numbers.
- 3.4.h add 4 digit problems with regrouping.
  - 3.4.i subtract 4 digit problems with regrouping.
  - 3.4.j multiply single digit numbers.
  - 3.4.k using place value, put a group of numbers through hundred-thousands in order from least to greatest.
  - 3.4.l be able to identify and write a fraction within a whole.
- Standard #5: Students will demonstrate a development of spatial sense.
- 3.5.m name angles and lines.
- Standard #6: Students will collect and analyze data.
- 3.6.n analyze a bar graph.
- Standard #7: Students will use patterns and relationships to solve problems.
- 3.7.o extend a given number pattern.