

## Data Around Us -- Unit Planning Overview

Investigations & Assessments	Days	Materials for Students	Materials for Teachers	Transparencies	ACE Questions	Copies for Students	Miscellaneous
1. Interpreting Disaster Reports <i>Read TE p. 11 a-d</i>	2	Graphing Calculators in all investigations Yardsticks Blank transparencies (optional)		1.1A to 1.2B	1.1: #1-5 1.2: #6-8	Notebook Checklist p.80	Students will need examples of comparisons for 1.1 (newspapers are good source)
2 Measuring Oil Spills <i>Read TE p. 22 a-e</i>	6	Yardsticks (1/group) Stick-on notes (several/student)	Common objects to illustrate some units of measure, such as cup, pint and quart containers; rulers, almanac or atlas	2.1 to 2.3B	2.1: #1, 9-11 2.2: #8 2.3: #2-7	Labsheet 2.1	3 days of measurement review included before beginning Inv. 2 standard metric conversion comparisons. Refer to chart p.22c for 2.2.
3 Comparing Large Numbers <i>Read TE p. 37 a-g</i>	3	Bobby pins or paper clips Almanac or U.S. Maps	Large U.S. map (optional)	3.1 to 3.4 Transparencies or Labsheet 3.1A & 3.2	3.1: #8 3.2: #1-5, 10 3.3: #6-7, 9, 13* 3.4: #14, 15 *Do not skip ACE #13	Labsheet 3.1A & 3.1B (1/group or pair) Labsheet 3.2	3.1 include place value of decimals. ACE #12 good discussion before doing #1-7
Check-Up	½					p.73	Answers on p. 82 Check-up 2 is challenging, may need to modify.
4. How Many is a Million (Scientific Notation) <i>Read TE p. 50 a-f</i>	3	Metersticks (1/group) unit cubes		4.1 to 4.3 Transparencies of Labsheet 4.2	4.1: - 4.2: #1-5, 11-13, 17 4.3: #6-10, 14-16, 18-19	Labsheet 4.2	4.2 model with cm place value cubs. *Adjustment day may be needed for more scientific notation.
Self-Assessment	Take Home						
5. Every Litter Bit Hurts <i>Read TE 60 a-p</i>	4	Yardsticks (1/group)	Cardboard boxes (see p.50h)	5.1 to 5.4			
Quiz	½						Answers p.82
6. On an Average Day <i>Read TE p. 69 a-d</i>	3			6.1 to 6.3			Additional Practice p.133
Unit Test	1					p.78-81	Guide to the unit test p.86-91