SOL'S / SCOPE & SEQUENCE / BLUEPRINTS

ath **5.8**

STRATEGIES/ACTIVITIES	RESOURCES
- working in pairs with string and scissors, let students cut lengths of string equal to perimeters of classroom objects – door, desktop, chalkboard – each team measures the same objects – the class gathers to discuss techniques, measure strings, use tape measures to actually measure objects and compare results - the building code states that a particular building must have a minimum of 1250 sq. ft. of land, and that no dimension can be less than 20 feet – have students approve or disapprove yards of 32' by 38' by 70' and 42' by 35'	- **AIMS:** "Area and Perimeter on the Geoboard", Magazine, Volume 3, Issue 2; "Wreck-Tangles", Hard-hitting in a GeoWorld - **Resource Books:** The Geometric preSupposer Sunburst/Wings; Hands on Math by Bill Linderman - **Technology:** Geometric Concepts

SOL'S / SCOPE & SEQUENCE / BLUEPRINTS

5.8 c, d, e

.ath 5.11

STRATEGIES/ACTIVITIES	RESOURCES
- students should work with a partner in making a chart with the heading; length, volume, weight, area, and temperature – then, list the tools to be used in the appropriate column - students will work in teams – each member of the team will bring in objects to be weighed, measured, etc. and tell how they gathered the information and the tools they used - students will chart Celsius and Fahrenheit temperatures for a specified time (i.e. week, ten days, etc.) – discuss the differences between C and F on each day - have cotton ball toss competition – students will toss the cotton ball as far as possible – measure each toss to the closest centimeter and record the information	- **AIMS:** "Massive Boxes", Floaters and Sinkers; "Can You Tell?", Floaters and Sinkers; "Popcorn Comparison", Fun with Foods; "Filling Stations", Hard-hitting in a GeoWorld; "Pleased as Punch", Hard-hitting in a GeoWorld; "White Rain", Our Wonderful World, "Make Your Own Measuring Cup", Water Precious Water; "April Showers Bring May Flowers", Overhead and Underfoot - **Resource Books:** MECC: Measure Works, Hands on Math by Bill Linderman; Exploring Math by Jean Shaw - **Technology:** Measure Works