

Family Newsletter

Dear Parent/Caregiver:

Over the next three weeks, your child will be working with 3-D geometry shapes and measuring mass and capacity. Students will name and compare prisms and pyramids. They will also identify attributes, such as the number of faces, edges, and vertices. Students will then study the concept of measurement involving mass (the amount of matter in an object) and capacity (the amount a container will hold). The goal for your child will be to use their knowledge of 3-D shapes, mass, and capacity to solve related problems.

Throughout this time you and your child can do some activities such as:

- Your child can look around the house for examples of prism and pyramid shapes (for example, tissue boxes, milk cartons, cookie containers, and so on). They can name the shape and count the number of faces, edges, and vertices. They can also practise drawing the net (the flattened shape) that would make that 3-D shape.
- You and your child can play Name that Shape, where they either give or receive clues as to the shape and try to guess the name.
- Your child can find various containers of different masses in grams (g) or kilograms (kg). They can estimate the mass of each, and then check the mass on the container.
- Your child can also estimate the capacity of various containers. They can compare the sizes and units of measure in millilitres (mL) or litres (L).
- Show your child some recipes, and discuss the measurements that are listed. Encourage your child to measure the ingredients.

You may want to visit the Nelson Web site at www.mathk8.nelson.com for more suggestions to help your child learn mathematics and develop a positive attitude toward learning mathematics, and for books that relate children's literature to 3-D shapes and mass and capacity. Also, check the Web site for links to other sites that provide online tutorials, math problems, and brainteasers.

If your child is using the *Nelson Mathematics 3 Workbook*, pages 84 to 91 belong to Chapter 11. There is a page of practice questions for each of the 7 lessons in the chapter and a Test Yourself page at the end. If your child requires assistance, you can refer to the At-Home Help box on each Workbook page.