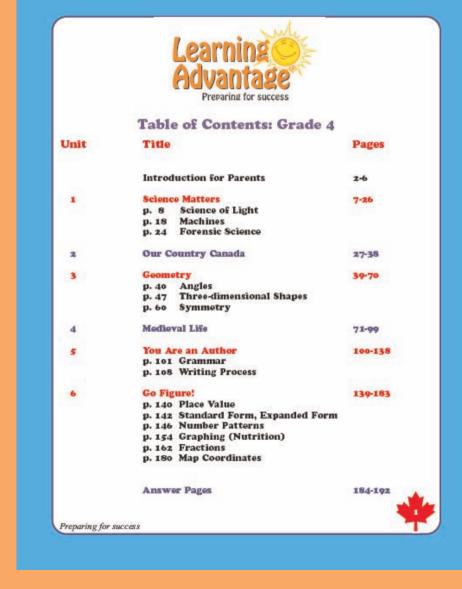


### 100% Canadian content...

aligned with school curriculum







### Parent-friendly... List of curriculum expectations

#### Overall Curriculum Expectations for Grade Four

#### MATHEMATICS

#### Number Sense and Numeration

 read, represent, compare, and order whole numbers to 10 000, decimal numbers to tenths and simple fractions, and represent money amounts to \$100;

#### Measurement

- estimate, measure, and record length, perimeter, area, mass, capacity, volume, and elapsed time, using a variety of strategies;
- determine the relationships among units and measurable attributes, including the area and perimeter of rectangles;

#### Geometry

- identify quadrilaterals and three-dimensional figures and classify them by their geometric properties, and compare various angles to benchmarks;
- construct three-dimensional figures, using two-dimensional shapes;
  identify and describe the location of an object, using a grid map, and reflect two-dimensional shapes;

#### Patterning and Algebra

- describe, extend, and create a variety of numeric and geometric patterns, make predictions related to the patterns, and investigate repeating patterns involving reflections;
- demonstrate an understanding of equality between pairs of expressions, using addition, subtraction, and multiplication.

#### **Data Management and Probability**

- collect and organize, read, describe, and interpret discrete primary data and display the data using charts and graphs;
- predict the results of a simple probability experiment, then conduct the
  experiment and compare the prediction to the results.

\*



### 100% Canadian content...

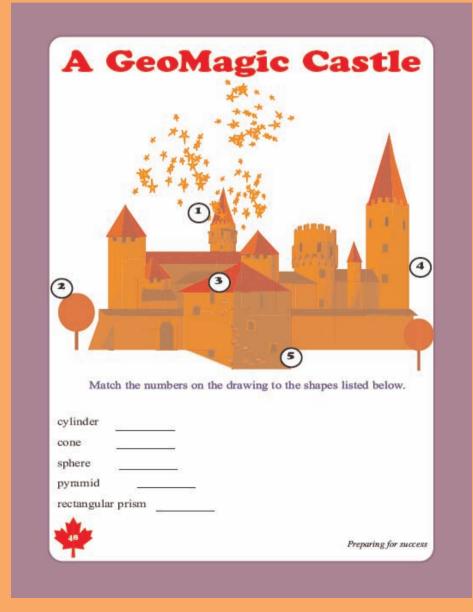
### **Canadian Social Studies**

And The Rest	Is History!!	 1865
When Canada became a nation on July 1, 1867, only four provinces were a part of this new country.		 1875
<ol> <li>On the map on the previous page, colour Ontario, Quebec, New Brunswick and Nova Scotia one colour.</li> </ol>		 1885
2. Create a legend below the map to show this fact.		1895
What about the other provinces and the territories?		1905
Line Line	territories:	1905
Here are the dates that each joined the new confederation called Canada.		1915
		I
Alberta – 1905 Nunavut - 1999	Northwest Territories – 1870 British Columbia – 1871	1925
Manitoba - 1870	Prince Edward Island - 1873	I
+ -	Yukon Territory – 1898	1935
Newfoundland and Labrador – 1949		
<ol><li>Colour each province and territory on the map.</li></ol>		1945
<ol> <li>Label your map with the names of each province and territory.</li> </ol>		1955
		-733
5. Put those places and dates in order by writing		1965
them beside the time line on this page.		1905
6. On the time line write five other dates that you		1975
know about. Some possible examples: •your birth year,		1
*your parents' or grandparents' birth year,		1985
•the year the telephone was invented		1905
(1876 by Alexander Graham Bell at Brantford, Ontario),		
•the year basketball was invented (1891,by		1995
James Naismith at McGill University in Montreal),		
<ul> <li>the last year the Toronto Maple Leafs won the Stanley Cup (1967),</li> </ul>		2005
<ul> <li>the World Wars (1914-1918 and 1939-1945)</li> </ul>		
•or find out about any date you wish,		
and put it on the date line. Preparing for success		37
rreparing for success		T





### Uses current educational theory... integrated learning (Medieval theme/geometry skills)

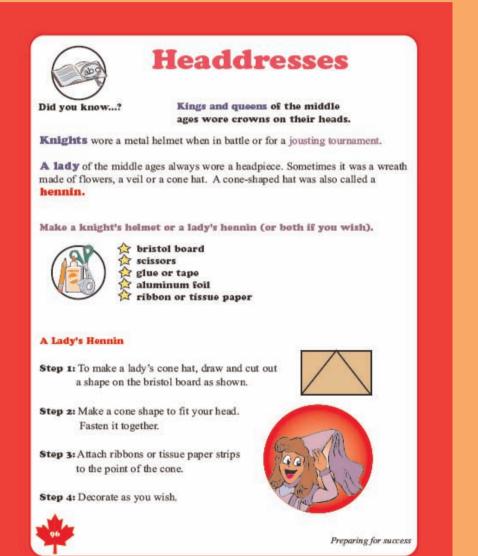








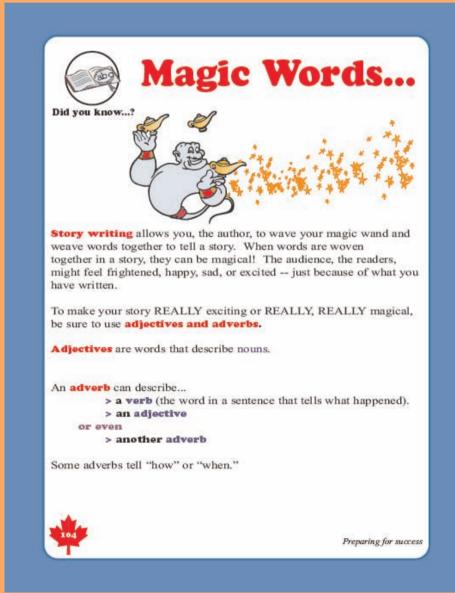
### Uses current educational theory... tactile learning activites



\*



#### Uses current educational theory... information provided to engage pupil inquiry









Did you know ...?

#### What came after the Middle Ages?

We might call it the **Modern Age**. It began with the Renaissance (a French word that means "rebirth"). You probably know that Columbus found his way to North America in the year 1492. In Italy at that time, great artists like Leonardo and Michelangelo were creating masterpieces, and scientists like Galileo were discovering the mysteries of the universe.

The world hs changed a lot in the last 500 years, but we still think of ourselves as living in modern times.

The Middle Ages were from the 6th century to the 15th century, or the years 500 to 1500. Calculate how long ago this was.

How long ago was the year 500? How long ago was 1500?

The Middle Ages or medieval times are often associated with mystery.

In England, it was a time of castles, kingdoms, knights, lords and ladies. There was armour to wear, feasts to enjoy, castles to defend, and jousts to be won.

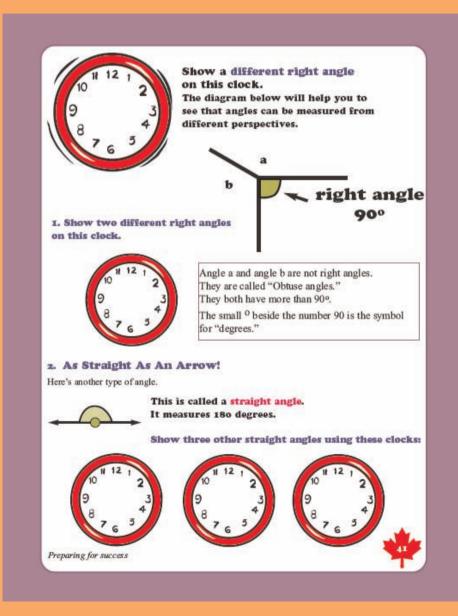
If you could travel back in time to the middles ages what might your life be like? Let's find out!





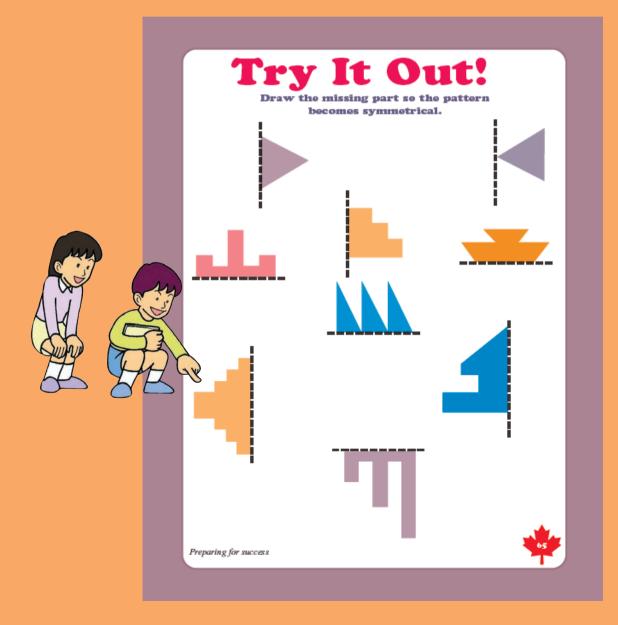


### Kid-friendly... Guided practice





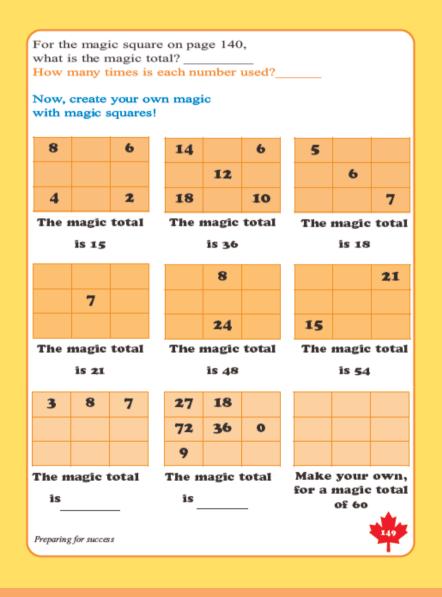
### Kid-friendly... confidence-building activities





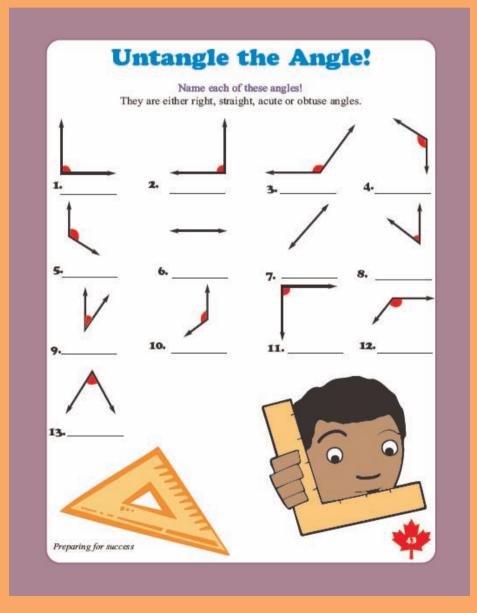


### Kid-friendly... Challenging activities for inquisitive minds



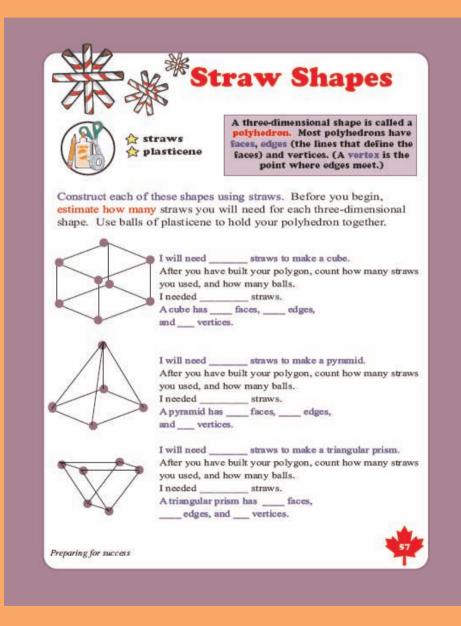


### Kid-friendly... reasonable drills





### Kid-friendly... Interesting activities





### Parent-friendly... Encourages parent involvement





measuring spoons

Be sure to ask an adult for help before you do any cooking!

Here are the ingredients for two recipes. One is for Abracadabra Squares and the other is for Snickerdoodle cookies. By the way, the word abracadabra was first used by a Latin poet in the second century (between the years 100 and 199). Snickerdoodles were baked in the New England states in the 19th century (1800-1899), probably by people of German or Dutch heritage. Abracadabra Squares **Snickerdoodles** Cookies 1 cup of sugar 1/2 cup of butter 1/2 cup of shortening 3/4 cup of brown sugar 1 cup of applesauce I egg 1 teaspoon of vanilla 1 teaspoon of vanilla ..... 2 cups of flour 1 1/2 cups of whole-wheat flour 1 teaspoon of baking soda 1/2 teaspoon baking soda 1/2 teaspoon salt 1/2 teaspoon cream of tartar 1/4 teaspoon ground nutmeg 1/4 teaspoon salt 1/8 tsp of ground cloves 3 3/4 teaspoon of sugar 1 cup of raisins 1/2 teaspoon of cinnamon 4 teaspoons of butter 1/2 cup of crushed bran flakes

> We left these recipes in British imperial measurements (rather than metric units) because you need to understand fractions to use these recipes.





### Parent-friendly... Family follow-up activities

#### **A Real Work of Art**

#### If you'd rather try a more difficult art activity related to the flag of Canada, do this:



bristol board
scissors

magazines



(Be sure to get permission to cut them up!)

☆ glue
☆ ruler, pencil

On the bristol board, use a pencil to draw the outline of the Canadian flag. The dimensions of the flag are always in a ratio of 2:1, so if your design is 40 cm wide, it should be 20 cm tall.

Instead of just colouring the red parts, design a collage using parts of pictures from magazines to fill the red parts of the flag, including the maple leaf, and the white parts of the flag.

#### You might choose

- > to look for pictures that are mostly red and white, or
- > to look for pictures of scenes and people, some darker and some lighter in colour, and make a flag that is composed of all the many things that go to make up Canada -- our beautiful forests, our shining seas, our cities, and the great variety of people who call Canada their home.

When you have collected enough pictures to cover every square centimetre of your flag, put them in place and glue them together.

When you have finished, you might smooth down your work of art by spreading glue over the entire surface of the flag.

After everything is dry, show your work of art to your family and friends!





### Kid-friendly... Activities for classroom sharing

### **Medieval** Puppet Play

You are going to change one of the stories you have already written into a puppet play.

For this activity, you will create a stage and finger puppets

Use your imagination to make a puppet stage by using the following materials:



☆ z chairs ☆ a broomstick or a mop stick ☆ towels ☆ z safety pins

Decorate your puppet stage to show the setting for the story that you wrote.



Make Finger Puppets!

Draw the faces of some of the characters in one of your stories (or trace their pictures from earlier in this unit), and glue them to popsicle sticks, or glue the characters' faces to paper and wrap the puppet like a ring around your fingers.

