


# Grade 1 Learning Advantage

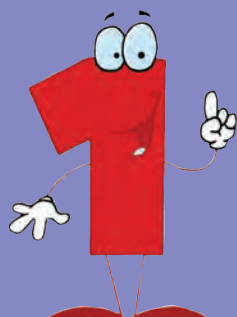


100% Canadian content...  
aligned with school curriculum



**Grade 1 - Table of Contents**


ABCs and 123s .....	1
<b>Canada Day</b> .....	15
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<b>Insects Nice and Insects Nasty!</b> .....	144
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Fairy Tales .....	175



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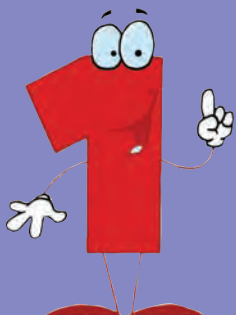


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# Grade 1 Learning Advantage



Parent-friendly... List of curriculum expectations

Geometry



Unit 6  
**Geometry**



This unit will help students achieve several expectations of the Grade 1 curriculum.

**In Grade 1 geometry, students are expected**

- to recognize two-dimensional shapes and three-dimensional figures;
- to sort and classify shapes according to specific characteristics;
- to identify geometric shapes in the environment;
- to understand relative positioning (above/below, inside/outside, between/beside);
- to recognize and extend patterns.



Preparing for Success

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# Grade 1 Learning Advantage



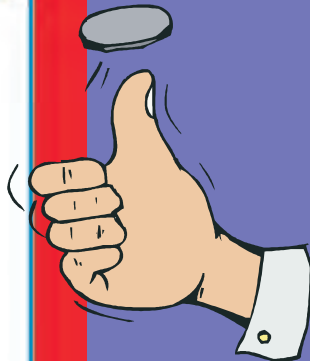
100% Canadian content ... Canadian money

Canada

## CANADIAN COINS

Trace the amounts below each coin.

	
\$2	\$1
	
25¢	10¢
	
5¢	1¢



24

Preparing for Success

# Grade 1 Learning Advantage



100% Canadian content... Canadian measurements

## Play Clay Bears

### Ingredients:

600 mL (2 1/2 cups) flour  
2 packages of unsweetened drink mix\*  
120 mL (1/2 cup) salt  
15 mL (1 tbsp) alum\*\*  
480 mL (2 cups) water  
45 mL vegetable oil (3 tbsp)  
wax paper



\* The drink mix will give colour to the clay.

\*\* (Alum can be found in the pickling section of grocery stores.)

### Directions:

Ask an adult to help you make Play Clay.  
Mix together the first four ingredients.  
Boil the water and add it to the dry mixture.  
Then add the oil.  
Blend with a fork for 3-4 minutes,  
until cool enough to mix with your hands.  
Knead it with your hands, on wax paper, until it stops being  
sticky. (Add extra flour if it's too sticky.)  
Play clay can be stored in airtight plastic containers.



# Grade 1 Learning Advantage



100% Canadian content...

Canadian Social Studies

Canada

## ANIMALS OF CANADA

### LOON

1. Loons can dive under water to catch fish.



2. A loon can be found on a one cent coin.



3. A loon's call sounds like a wild laugh.



### MOOSE

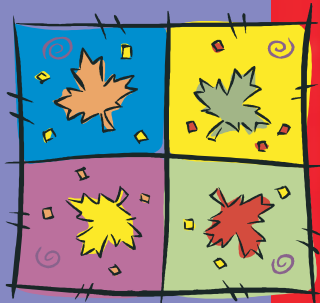
1. You can tell a moose by its antlers.



2. A moose eats grass and leaves (not meat!).



3. The Moose is the name of a hockey team.



# Grade 1

## Learning Advantage



Uses current educational theory...  
integrated learning (Canada/ language skills)

### Canada



## More Than One

You know how to say "more than one thing."  
Now you will learn how to spell it!

When we want to talk about more than one:

1. For most words, we just add an **s** at the end of the word:

one beaver

two beavers

one bear

two \_\_\_\_\_

2. For words that end in **y**, we drop the **y**, and add **ies**.

one penny**y**

two penn**ies**

one city

two \_\_\_\_\_

3. For a few words, we change the word:

one goose

two **geese**

one foot

two \_\_\_\_\_

4. For a very few words, the word stays the same:

one moose

two moose

one deer

two \_\_\_\_\_



# Grade 1 Learning Advantage



Uses current educational theory...  
tactile learning activities

Math from 10 to 19

### Subtraction in Action

Use real pennies for the following questions.  
Always make a group of ten before you subtract.  
Then show what you did on this page: Circle a group of ten,  
then "tie a rope" around the counters you subtracted.

1.  $15 - 3 = 12$

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# Grade 1

## Learning Advantage

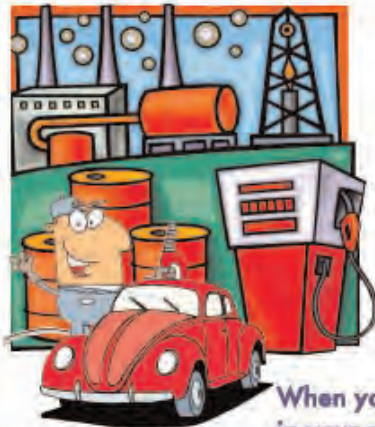


Uses current educational theory...  
information provided to engage pupil inquiry

### Energy

#### Non-Renewable Energy

Some energy is "non-renewable."  
That means when you use it, it's gone.



When you use up the energy in a battery, it's gone, and you need a new battery. (Even a rechargeable battery wears out.)

There's energy in a lump of black coal. People dig up coal from under the ground. When you burn coal for heat, you use the energy, but you can't get it back. All you have left is ashes.

When you use up a tankful of gasoline in your car, you need more fuel.

Though we can fill up the gas tank again,  
there's only so much gas in the world.

Like coal, petroleum comes from underground. People pump it out, refine it into gasoline (and other things), and ship it to gas stations in every country in the world. Some day, there will be no more petroleum left underground.

Then cars will need to get energy some other way.  
Coal and petroleum are non-renewable sources of energy.



# Grade 1

## Learning Advantage



Kid-friendly... Colourful graphics

### A Butterfly's Life

1. A female butterfly lays lots of eggs on the bottom side of a leaf.



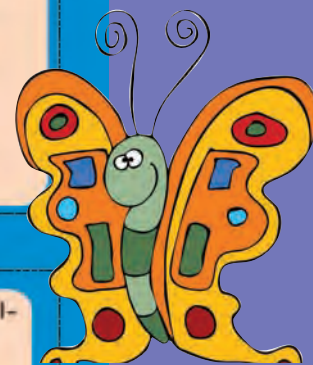
2. When an egg hatches, out pops a caterpillar. Its job in life is to eat. And eat some more.



3. The more it eats, the more it grows. It sheds its skin often. And it just keeps growing. And shedding.



4. When the caterpillar realizes that it can't grow any more, it stops eating and starts getting ready for the next step in its life.



# Grade 1

## Learning Advantage



Kid-friendly... Guided practice

Pick A Number

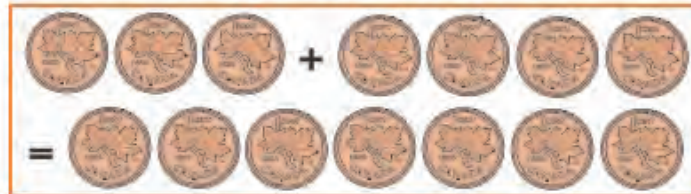


### ADDITION

(using counters and numbers)

Adding means putting groups together to make a bigger group.  
When you start with three pennies, and add four more pennies,  
you have seven pennies.

Using counters, it looks like this:



Using numbers, it looks like this:

$$3 + 4 = 7$$

With both counters and numbers:



$$2 + 3 = 5$$



# Grade 1 Learning Advantage







Kid-friendly... confidence-building activities

**Geometry**

**Shapes and Words**


Colour each shape, and use the same colour to trace the letters.

Say the word for the shape out loud, before you trace it and after you trace it.

	circle
	square
	triangle
	rectangle

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Preparing for Success



# Grade 1

## Learning Advantage



Kid-friendly...

Challenging activities for inquisitive minds

### What Bugs Can You Find?

With the help of an older person...



1. Look outdoors in a park or garden for larvae of different kinds of bugs. Larvae are like little worms, or caterpillars. For most of them, you won't know what the adult bug looks like.

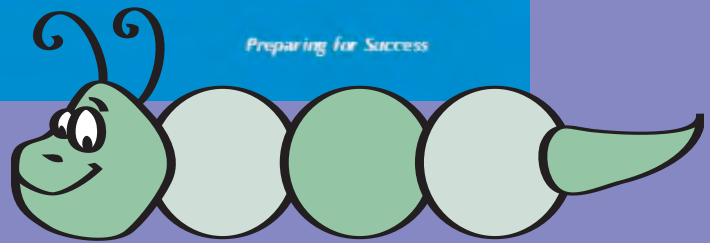
2. Look for cocoons or pupas. They might look white and soft, or hard and brown. You might find them on the under-side of leaves in a garden. You might find them hiding in the corners inside a building. Most of the ones you find will be empty, because the adult bug already came out.



3. When you see an adult bug, look for its antennae, head, thorax and abdomen.



Preparing for Success



# Grade 1

## Learning Advantage



Kid-friendly... reasonable drills

Math from 10 to 19

### Subtraction

using numbers only

1.  $19 - 12 =$

2.  $11 - 8 =$

3.  $15 - 5 =$

4.  $12 - 6 =$

5.  $10 - 4 =$

6.  $13 - 7 =$

7.  $16 - 9 =$


# Grade 1 Learning Advantage



Kid-friendly... Interesting activities

## Senses

### TRY THIS TEST: HOW DOES IT FEEL?

Ask an older person to put four or five things in a paper bag (for example, a sponge, a ball, a stone, a piece of sandpaper, an orange).



Put your hand in the bag, feel what's in there, and try to guess everything in the bag.

Then it's your turn: put four or five things in a bag, and see whether the older person can guess each item you put in the bag.

You might make it harder by putting in things that are almost the same size: a crayon, a pencil, a pen, a marker, or five different Canadian coins. You can play this game over and over.

**You can learn a lot, just by feeling.**




# Grade 1 Learning Advantage



Parent-friendly... Encourages parent involvement

ABC 123


## Helpful Hints For Parents



You can assess your child's progress in writing by observing the following stages:


1. Picture making  
(there are observable stages in drawing also)
2. Scribbles
3. Scribbles that mean something to the child (symbols)
4. Scribbles with invented symbols that could be understood by others
5. Random letters that correspond to letters of the alphabet, but with errors  
(mirror images etc.)

Remember that every child develops differently. Every child will learn to read, print, and eventually write according to a personal schedule. Helping your child is a good thing; rushing or pushing your child to go faster than the child is capable of may not be helpful and may make the child feel frustrated.




**Let your child set the pace.**

### Early Writing Stages



Preparing for Success





# Grade 1

## Learning Advantage



Parent-friendly... Family follow-up activities

### Senses

#### FOLLOW UP FUN

Some of these additional activities can also be used to reinforce the expectations of this unit:

##### Computer Connection

[www.bravemonster.com](http://www.bravemonster.com) This site introduces a children's author and his books.

[www.celebratehealthyeating.org](http://www.celebratehealthyeating.org) This web site is all about nutrition.

[www.preschoolrainbow.org](http://www.preschoolrainbow.org) This site offers a number of activities that parents and pre-school educators might wish to use with children.

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##### Reader's Corner

Feelings, My Five Senses, My Hands by Alik

Your Five Senses by Eric Carle

You can smell a flower with your ear by Joanna Cole

Sounds All Around by Wendy Pfeffer

The Listening Walk by Paul Showers



##### Field Trip and Extensions

Petting Zoo (in the summer months you may find petting zoos even in some malls)

**Zoo Trip: Visit your local Zoo**

Take a walk around the block in your neighbourhood or at the cottage.

Be sure to use all your senses to notice what is there.

Visit a bakery for their wonderful smells and tasty treats

##### Nature Journal

Provide a book (scrapbook, notebook) with blank pages in which the children can record their observations.

Encourage the children to illustrate the cover of the book.

Help them to begin each entry by recording the date.

A date stamp would be fun.

Children could include drawings or objects they find such as feathers or leaves.



# Grade 1 Learning Advantage



Kid-friendly... activities for classroom sharing

Canada



## COIN RUBBINGS

Ask an adult to lend you several different Canadian coins.

Lay the coins on a table with these pictures facing up:

Penny: maple leaves

Nickel: beaver

Dime: sailboat (the Bluenose)

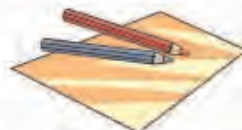
Quarter: caribou

Loonie: loon

Toonie: polar bear



Lay a piece of paper over the coins.  
Peel the paper off a crayon, and gently rub the crayon over the paper with the coins underneath.



Make a nice work of art with your coin rubbings.  
You could make different patterns with your coins,  
and use different coloured crayons.



# Grade 1 Learning Advantage



Parent-friendly... List of curriculum expectations

Geometry



Unit 6  
**Geometry**



This unit will help students achieve several expectations of the Grade 1 curriculum.

**In Grade 1 geometry, students are expected**

- to recognize two-dimensional shapes and three-dimensional figures;
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Preparing for Success

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# Grade 1 Learning Advantage



100% Canadian content ... Canadian money

Canada

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Trace the amounts below each coin.

	
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Preparing for Success

# Grade 1 Learning Advantage



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### Ingredients:

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wax paper



\* The drink mix will give colour to the clay.

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### Directions:

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Play clay can be stored in airtight plastic containers.



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## ANIMALS OF CANADA

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### MOOSE

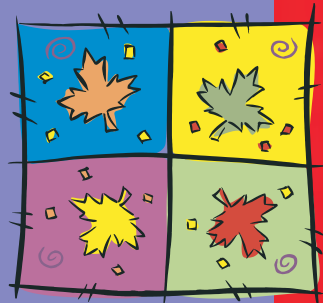
1. You can tell a moose by its antlers.



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# Grade 1

## Learning Advantage



Uses current educational theory...  
integrated learning (Canada/ language skills)

### Canada



## More Than One

You know how to say "more than one thing."  
Now you will learn how to spell it!

When we want to talk about more than one:

1. For most words, we just add an **s** at the end of the word:

one beaver

two beavers

one bear

two \_\_\_\_\_

2. For words that end in **y**, we drop the **y**, and add **ies**.

one penny**y**

two penn**ies**

one city

two \_\_\_\_\_

3. For a few words, we change the word:

one goose

two **geese**

one foot

two \_\_\_\_\_

4. For a very few words, the word stays the same:

one moose

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# Grade 1 Learning Advantage



Uses current educational theory...  
tactile learning activities

Math from 10 to 19

### Subtraction in Action

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Preparing for Success



# Grade 1

## Learning Advantage

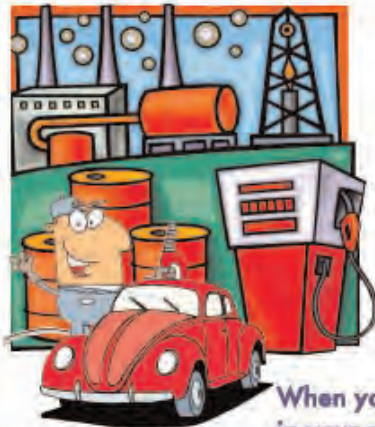


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### Energy

#### Non-Renewable Energy

Some energy is "non-renewable."  
That means when you use it, it's gone.



When you use up the energy in a battery, it's gone, and you need a new battery. (Even a rechargeable battery wears out.)

There's energy in a lump of black coal. People dig up coal from under the ground. When you burn coal for heat, you use the energy, but you can't get it back. All you have left is ashes.

When you use up a tankful of gasoline in your car, you need more fuel.

Though we can fill up the gas tank again,  
there's only so much gas in the world.

Like coal, petroleum comes from underground. People pump it out, refine it into gasoline (and other things), and ship it to gas stations in every country in the world. Some day, there will be no more petroleum left underground.

Then cars will need to get energy some other way.  
Coal and petroleum are non-renewable sources of energy.



# Grade 1

## Learning Advantage



Kid-friendly... Colourful graphics

### A Butterfly's Life

1. A female butterfly lays lots of eggs on the bottom side of a leaf.



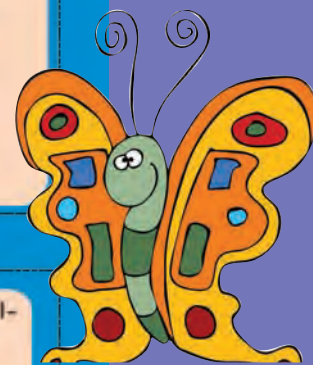
2. When an egg hatches, out pops a caterpillar. Its job in life is to eat. And eat some more.



3. The more it eats, the more it grows. It sheds its skin often. And it just keeps growing. And shedding.



4. When the caterpillar realizes that it can't grow any more, it stops eating and starts getting ready for the next step in its life.



# Grade 1

## Learning Advantage



Kid-friendly... Guided practice

Pick A Number



### ADDITION

(using counters and numbers)

Adding means putting groups together to make a bigger group.  
When you start with three pennies, and add four more pennies,  
you have seven pennies.

Using counters, it looks like this:



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With both counters and numbers:



$$2 + 3 = 5$$



# Grade 1 Learning Advantage







Kid-friendly... confidence-building activities

**Geometry**

**Shapes and Words**


Colour each shape, and use the same colour to trace the letters.

Say the word for the shape out loud, before you trace it and after you trace it.

	circle
	square
	triangle
	rectangle

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Preparing for Success

Two crayons, one yellow and one red, are positioned to the right of the tracing area.

# Grade 1

## Learning Advantage



Kid-friendly...

Challenging activities for inquisitive minds

### What Bugs Can You Find?

With the help of an older person...



1. Look outdoors in a park or garden for larvae of different kinds of bugs. Larvae are like little worms, or caterpillars. For most of them, you won't know what the adult bug looks like.

2. Look for cocoons or pupas.

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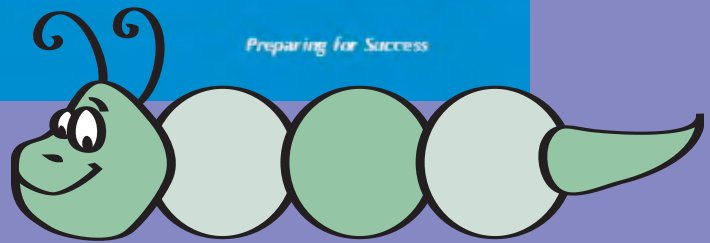


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Preparing for Success



# Grade 1

## Learning Advantage



Kid-friendly... reasonable drills

Math from 10 to 19

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using numbers only

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Kid-friendly... Interesting activities

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Parent-friendly... Encourages parent involvement

ABC 123


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Preparing for Success





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## Learning Advantage



Parent-friendly... Family follow-up activities

### Senses

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Visit a bakery for their wonderful smells and tasty treats

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# Grade 1 Learning Advantage



Kid-friendly... activities for classroom sharing













Canada




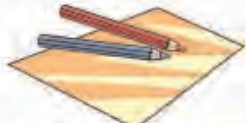
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Quarter: caribou		
Loonie: loon		
Toonie: polar bear		

Lay a piece of paper over the coins.  
Peel the paper off a crayon, and gently rub the crayon over the paper with the coins underneath.



Make a nice work of art with your coin rubbings.  
You could make different patterns with your coins,  
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Preparing for Success

