

C.2 C.2

Catalogue No. 11F0022XPE



STATISTICS  
CANADA

STATISTIQUE  
CANADA

JAN 30 1997

LIBRARY  
BIBLIOTHÈQUE

# Canada Year Book 1997 Teachers' Kit



Statistics  
Canada

Statistique  
Canada

Canada





## Canada Year Book 1997

### Classroom Activity: 1

# This Land - Canada

#### **Purpose**

This activity is intended to focus attention on Canada's physical presence and to translate facts into an attractive interactive educational display.

#### **Learning Outcomes**

The following activity will enhance the skills listed below:

- Research skills
- Organizational skills
- Information management skills
- Cooperative learning skills
- Reading across the curriculum
- Reporting techniques
- Computer research skills (CD-ROM version only)

#### **Grade Levels**

This research and display activity is designed to be used at Junior to Senior High School levels and can be adapted to individual classroom realities. Alterations and enrichment suggestions are included.

#### **Subject Areas**

This research and display activity can be used across the curriculum with particular emphasis in the following subject areas:

- Geography
- Social Studies
- Mathematics
- Language Arts/English
- Art/Media/Creative Expression

### Lesson Format

The activity involves two tasks. Students define Canada by collecting research data that focuses on the vital statistics of Canada as found in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. The second task involves the creation of an interactive display on a wall or bulletin board.

### Time Allocation

Although the activity usually takes approximately 3 hours of class time, the time necessary to complete this activity will depend on the following factors:

- Class size and system used to assign the research task
- Research capabilities of the students
- Number of topics to be researched
- Complexity of the display

### Materials Needed

The following items will be needed to complete the activity at its most basic level:

- **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**
- Copies of the Student's Research Chart (Text version or CD-ROM version)
- Wall map of Canada
- Art and display materials

### Getting Started

The outline of the activity given below is intended as a guide for classroom teachers. It is understood that teachers will have "rehearsed" the activity before introducing it to their classes. Classroom realities may require alterations to be made in the method(s) used to complete this activity. This is especially true when determining the number of items to be included on the Student's Research Chart.

1. Introduce the class to the concept of defining Canada statistically: length, width, extremes (northernmost point, warmest spot, highest mountain, etc.) as well as identifying some of the country's notable characteristics (endangered birds, forest fires, total area, etc.).
2. Introduce **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM** as (a) research tool(s). Note that this activity will be restricted to using Section 1: THE ENVIRONMENT.
3. Describe the activity as a research and display project. Students will be looking up information requested on the Student's Research Chart. They will then devise an appropriate method to display their findings as part of a class-created display built over a wall map of Canada already attached to a bulletin board. The display could be called: **This Land - Canada**.



4. Distribute copies of the Student's Research Chart. (NOTE: Page numbers, or chapter titles and locators in the CD-ROM version, are provided to assist in the location of information. These can be removed if desired.) Discuss the "Information about Canada" to be researched. Divide and conquer the list or assign who finds what. The research items can be assigned by subject, province, topic-areas, endangered species, page number, etc. Students using **Canada Year Book 1997 on CD-ROM** should have both the Library (click on the Books icon) and Outline (click on the Lines icon) Windows active when they start to collect their information.

5. Determine the method to be used to provide each student and/or group with access time to research their answers in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. Some methods that work are:

- Arranging the class in alphabetical order, or vowels then consonants, using the first or last name.
- Selecting groups randomly using a draw or roll of a die.
- Using birthday order starting on a randomly selected month.

6. While the researchers are using **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**, those waiting can begin to create the display system they will be using. Suggestions are provided on the Student's Research Chart. Materials can be made ready while the actual data is being retrieved. They can be making their sign, preparing a blank graph, etc.

7. Once a researcher or research team has found their information, they can then complete their display and attach it in an appropriate location on the wall map of Canada on the bulletin board. Those who have completed their task can assist others.

### **Student Materials**

The Student's Research Chart is provided as a guide. It can be altered to adapt it to the classroom reality. Blank spaces are provided to add regional and/or local topics.

### **Answers**

Completed versions of the Student's Research Chart are provided.

### **Alterations and Enrichment Suggestions**

1. The Bulletin Board Challenge: Classes may challenge each other to produce particularly outstanding displays. Patriotism might be a judging criterion. A sense of fun is a must here.

2. A cross-curricular activity could be attempted where the math students create the graphs from the data collected by a geography class and an art class could illustrate the concepts that have been identified.

3. Students could divide into provincial groups, collect the pertinent information for "their" province and add it to the display.

4. A system of removable display items could be devised. This would allow the class to play a game called: "Pin the Facts on Canada". Groups might select 5 to 10 items and then challenge each other to replace them correctly.

### **Selected Further Resources from Statistics Canada**

*Human Activity and the Environment*. Catalogue Number: 11-509-XPE. 300 pages. 200+ tables, maps, graphs and charts. Price: \$35 in Canada; US\$42 in the United States; US\$49 in other countries.

*Human Activity and the Environment -- Diskette* (includes all tables in the publication; no text, maps or charts). Catalogue Number: 11-509-XDE. Price: \$15 in Canada; US\$18 in the United States; US\$21 in other countries.

*Human Activity and the Environment -- Teachers' Kit* (includes 3 copies of the publication, a teachers' guide with student activities, and a copy of the diskette). Catalogue Number: 10-3002XKE. Price: \$120 in Canada; US\$144 in the United States; US\$168 in other countries.

*Canadian Agriculture at a Glance*. Catalogue Number: 96-301-XPE. 250 pages. 100+ maps, photographs, tables, charts and graphs. Full colour throughout. Price: \$49 in Canada; US\$59 in the United States; US\$69 in other countries.

*Canadian Agriculture at a Glance -- Teachers' Kit*. Catalogue Number: 96-301-SPB. No charge to educators, with publication order.

*Canada: A Portrait*. Catalogue Number: 11-403-XPE. 164 pages. 40+ photographs. Price: \$39.95 (plus shipping/handling and applicable taxes) in Canada; US\$51.95 in the United States; US\$59.95 in other countries.

*E-STAT* -- Statistics Canada's comprehensive educational data warehouse on CD-ROM. Contact Statistics Canada Regional Reference Centres (see below) for pricing and licensing information.

Also, see "For Further Reading" on pages 21 and 47 in **Canada Year Book 1997** and/or click on [The Environment](#) on **Canada Year Book 1997 on CD-ROM**.

Statistics Canada maintains a web site at <http://www.statcan.ca>. Of special interest are "Canadian Dimensions", "The Daily", "E-STAT" and "What's New".

Information on these and other resources is also available through **Statistics Canada Regional Reference Centres**, as follows:

Halifax	(902) 426-5331 [phone]	(902) 426-9538 [fax]
Montréal	(514) 283-5725 [phone]	(514) 283-9350 [fax]
Ottawa	(613) 951-8116 [phone]	(613) 951-0581 [fax]
Toronto	(416) 973-6586 [phone]	(416) 973-7475 [fax]

Winnipeg	(204) 983-4020 [phone]	(204) 983-7543 [fax]
Regina	(306) 780-5405 [phone]	(306) 780-5403 [fax]
Calgary	(403) 292-6717 [phone]	(403) 292-4958 [fax]
Edmonton	(403) 495-3027 [phone]	(403) 495-5318 [fax]
Vancouver	(604) 666-3691 [phone]	(604) 666-4863 [fax]

or by calling toll-free **1-800-263-1136**.

Materials may also be purchased through the Regional Reference Centres or by calling **1-800-267-6677**.

You are invited to send your comments on the **Canada Year Book 1997 Teachers' Kit** to Mary J. Rigby, Statistics Canada, Marketing Division, Promotions and Sales Development, R.H. Coats Building 9-D, 120 Parkdale Avenue, Ottawa, Ontario K1A 0T6.

*Note:* **Canada: A Land of Superlatives**, a full-colour poster-map produced by Geomatics Canada and The Royal Canadian Geographical Society, would be an appropriate complementary resource. Price: \$9.95 (plus GST). For further information, please call (613) 745-4629.

This educational activity has been developed for Statistics Canada by Peter K. MacLeod, Educational Enhancements, 41 Oval Drive, Aylmer, Quebec J9H 1T9 (pmacleod@magi.com).





## Student's Research Chart

### Answers (Text version)

Information about Canada	Canada Year Book 1997: Page	Research finding	Suggested activity/Display suggestion
Aboriginal peoples	33	Data	Fact sheet
Area of Canada	22	9,970,610 km <sup>2</sup>	Pie chart piece
Climate warming trend	32	1°C - 3.5°C by 2100	Graph
Decline of groundfish	34	Data	Graph
Driest location	27	Arctic Bay, NWT 12.7 mm in 1949	Drawing and arrow sign
Endangered birds	55	15	Picture and sign
Endangered fish and marine mammals	55	7	Picture and sign
Endangered mammals	55	4	Picture and sign
Endangered plants	55	23	Picture and sign
Endangered reptiles	55	4	Picture and sign
Foggiest place	27	Argentia, NF 1,890 hrs.	Drawing and arrow sign
Forest fires	41	Data	Graph
Highest mountain	8	Mt. Logan, YN 5,951 m	Arrow sign
Highest point: Alberta	23	Mt. Columbia, 3,747 m	Drawing and arrow sign
Highest point: British Columbia	23	Fairweather Mt., 4,663 m	Drawing and arrow sign
Highest point: Manitoba	23	Baldy Mt., 832 m	Drawing and arrow sign
Highest point: New Brunswick	23	Mt. Carleton, 817 m	Drawing and arrow sign
Highest point: Newfoundland	23	Mt. Caubvick, 1,652 m	Drawing and arrow sign
Highest point: Northwest Territories	23	Unnamed peak, 2,773 m	Drawing and arrow sign
Highest point: Nova Scotia	23	Cape Breton Highlands, 532 m	Drawing and arrow sign



Highest point: Ontario	23	Ishpatina Ridge, 693 m	Drawing and arrow sign
Highest point: Prince Edward Island	23	Queen's County, 142 m	Drawing and arrow sign
Highest point: Quebec	23	Mont d'Iberville, 1,652 m	Drawing and arrow sign
Highest point: Saskatchewan	23	Cypress Hills, 1,468 m	Drawing and arrow sign
Highest point: Yukon	23	Mt. Logan, 5,951 m	Drawing and arrow sign
Largest all-Canadian lake	8	Great Bear Lake, NWT 31,328 km <sup>2</sup>	Arrow sign
Largest island	8	Baffin Is., NWT 507,451 km <sup>2</sup>	Arrow sign
Longest mountain range	8	Coast Mountains, BC and YN 1,500 km	Drawing and sign
Longest river	8	Mackenzie River, BC 4,241 km	Arrow sign
Maximum size (km) East - West	8	5,959 km	String, arrow and sign
Maximum size (km) North - South	8	4,634 km	String, arrow and sign
Most agricultural region	13	The Prairies	Coloured area, label and fact sheet
Most easterly point	8	Cape Spear, NF	Arrow sign
Most easterly region	9	The Atlantic Provinces	Coloured area, label and fact sheet
Most northerly point	8	Cape Columbia, Ellesmere Is., NWT	Arrow sign
Most populated region	11	Quebec City to Windsor	Coloured area, label and fact sheet
Most southerly point	8	Middle Island, ON	Arrow sign
Most westerly point	8	Yukon-Alaska border	Arrow sign
Most westerly region	17	British Columbia	Coloured area, label and fact sheet
Percentage cropland	7	6%	Pie chart piece
Percentage forest	7	45%	Pie chart piece
Percentage fresh water	7	8%	Pie chart piece
Percentage ice field	7	3%	Pie chart piece
Percentage range	7	2%	Pie chart piece
Percentage tundra	7	23%	Pie chart piece
Percentage urban	7	1%	Pie chart piece

Percentage wetland	7	12%	Pie chart piece
Place with most snow	27	Glacier Mt. Fidelity, BC 1,433 cm	Drawing and arrow sign
Record cold temp.	27	Snag, YK -63°C in 1947	Drawing and arrow sign
Record high temp.	27	Midale and Yellowgrass, SK 45°C in 1937	Drawing and arrow sign
Recycling by province	52	Data	Graph
Rural - Urban population trend	30	Data	Graph
Total area: Alberta	22	661,190 km <sup>2</sup>	Sign
Total area: British Columbia	22	947,800 km <sup>2</sup>	Sign
Total area: Manitoba	22	649,950 km <sup>2</sup>	Sign
Total area: New Brunswick	22	73,440 km <sup>2</sup>	Sign
Total area: Newfoundland	22	405,720 km <sup>2</sup>	Sign
Total area: Northwest Territories	22	3,426,320 km <sup>2</sup>	Sign
Total area: Nova Scotia	22	55,490 km <sup>2</sup>	Sign
Total area: Ontario	22	1,068,580 km <sup>2</sup>	Sign
Total area: Prince Edward Island	22	5,660 km <sup>2</sup>	Sign
Total area: Quebec	22	1,540,680 km <sup>2</sup>	Sign
Total area: Saskatchewan	22	652,330 km <sup>2</sup>	Sign
Total area: Yukon	22	483,450 km <sup>2</sup>	Sign
Water pollution	37	Data	Fact sheet
Wettest location	27	Henderson Lake, BC 8,122.4 mm	Drawing and arrow sign
Wildlife threats	35	Data	Fact sheet
Windiest place	27	Cape Warwick, Resolution Is., NWT 36 km/h	Drawing and arrow sign



## Student's Research Chart

### Answers (CD-ROM version)

Information about Canada	Chapter title and locator	Research finding	Suggested activity /Display suggestion
Aboriginal peoples	Legacy - Supplements	Data	Fact sheet
Area of Canada	Land - Tables	9,970,610 km <sup>2</sup>	Pie chart piece
Climate warming trend	Legacy - Climate W...	1°C - 3.5°C by 2100	Graph
Decline of groundfish	Legacy - Decline of G...	Data	Graph
Driest location	Land - Tables	Arctic Bay, NWT 12.7 mm in 1949	Drawing and arrow sign
Endangered birds	Legacy - Tables	15	Picture and sign
Endangered fish and marine mammals	Legacy - Tables	7	Picture and sign
Endangered mammals	Legacy - Tables	4	Picture and sign
Endangered plants	Legacy - Tables	23	Picture and sign
Endangered reptiles	Legacy - Tables	4	Picture and sign
Foggiest place	Land - Tables	Argentia, NF 1,890 hrs.	Drawing and arrow sign
Forest fires	Legacy - Supplements	Data	Graph
Highest mountain	Land - Supplements	Mt. Logan, YN, 5,951 m	Arrow sign
Highest point: Alberta	Land - Tables	Mt. Columbia, 3,747 m	Drawing and arrow sign
Highest point: British Columbia	Land - Tables	Fairweather Mt., 4,663 m	Drawing and arrow sign
Highest point: Manitoba	Land - Tables	Baldy Mt., 832 m	Drawing and arrow sign
Highest point: New Brunswick	Land - Tables	Mt. Carleton, 817 m	Drawing and arrow sign
Highest point: Newfoundland	Land - Tables	Mt. Caubvick, 1,652 m	Drawing and arrow sign
Highest point: Northwest Territories	Land - Tables	Unnamed peak, 2,773 m	Drawing and arrow sign
Highest point: Nova Scotia	Land - Tables	Cape Breton Highlands, 532 m	Drawing and arrow sign



Highest point: Ontario	Land - Tables	Ishpatina Ridge, 693 m	Drawing and arrow sign
Highest point: Prince Edward Island	Land - Tables	Queen's County, 142 m	Drawing and arrow sign
Highest point: Quebec	Land - Tables	Mont d'Iberville, 1,652 m	Drawing and arrow sign
Highest point: Saskatchewan	Land - Tables	Cypress Hills, 1,468 m	Drawing and arrow sign
Highest point: Yukon	Land - Tables	Mt. Logan, 5,951 m	Drawing and arrow sign
Largest all-Canadian lake	Land - Supplements	Great Bear Lake, NWT 31,328 km <sup>2</sup>	Arrow sign
Largest island	Land - Supplements	Baffin Is., NWT 507,451 km <sup>2</sup>	Arrow sign
Longest mountain range	Land - Supplements	Coast Mountains, BC and YN 1,500 km	Drawing and sign
Longest river	Land - Supplements	Mackenzie River, BC 4,241 km	Arrow sign
Maximum size (km) East - West	Land - Supplements	5,959 km	String, arrow and sign
Maximum size (km) North - South	Land - Supplements	4,634 km	String, arrow and sign
Most agricultural region	Land - Prairies	The Prairies	Coloured area, label and fact sheet
Most easterly point	Land - Supplements	Cape Spear, NF	Arrow sign
Most easterly region	Land - Supplements	The Atlantic Provinces	Coloured area, label and fact sheet
Most northerly point	Land - Supplements	Cape Columbia, Ellesmere Is., NWT	Arrow sign
Most populated region	Land - Central C...	Quebec City to Windsor	Coloured area, label and fact sheet
Most southerly point	Land - Supplements	Middle Island, ON	Arrow sign
Most westerly point	Land - Supplements	Yukon-Alaska border	Arrow sign
Most westerly region	Land - Supplements	British Columbia	Coloured area, label and fact sheet
Percentage cropland	Land - Charts	6%	Pie chart piece
Percentage forest	Land - Charts	45%	Pie chart piece
Percentage fresh water	Land - Charts	8%	Pie chart piece



Percentage ice field	Land - Charts	3%	Pie chart piece
Percentage range	Land - Charts	2%	Pie chart piece
Percentage tundra	Land - Charts	23%	Pie chart piece
Percentage urban	Land - Charts	1%	Pie chart piece
Percentage wetland	Land - Charts	12%	Pie chart piece
Place with most snow	Land - Tables	Glacier Mt. Fidelity, BC 1,433 cm	Drawing and arrow sign
Record cold temp.	Land - Tables	Snag, YK -63°C in 1947	Drawing and arrow sign
Record high temp.	Land - Tables	Midale and Yellowgrass, SK 45°C in 1937	Drawing and arrow sign
Recycling by province	Legacy - Tables	Data	Graph
Rural - Urban population trend	Legacy - Charts	Data	Banner
Total area: Alberta	Land - Tables	661,190 km <sup>2</sup>	Sign
Total area: British Columbia	Land - Tables	947,800 km <sup>2</sup>	Sign
Total area: Manitoba	Land - Tables	649,950 km <sup>2</sup>	Sign
Total area: New Brunswick	Land - Tables	73,440 km <sup>2</sup>	Sign
Total area: Newfoundland	Land - Tables	405,720 km <sup>2</sup>	Sign
Total area: Northwest Territories	Land - Tables	3,426,320 km <sup>2</sup>	Sign
Total area: Nova Scotia	Land - Tables	55,490 km <sup>2</sup>	Sign
Total area: Ontario	Land - Tables	1,068,580 km <sup>2</sup>	Sign
Total area: Prince Edward Island	Land - Tables	5,660 km <sup>2</sup>	Sign
Total area: Quebec	Land - Tables	1,540,680 km <sup>2</sup>	Sign
Total area: Saskatchewan	Land - Tables	652,330 km <sup>2</sup>	Sign
Total area: Yukon	Land - Tables	483,450 km <sup>2</sup>	Sign
Water pollution	Legacy - Troubled W...	Data	Fact sheet
Wettest location	Land - Tables	Henderson Lake, BC 8,122.4 mm	Drawing and arrow sign
Wildlife threats	Legacy - Wildlife T...	Data	Fact sheet
Windiest place	Land - Tables	Cape Warwick, Resolution Is., NWT 36 km/h	Drawing and arrow sign



## Student's Research Chart

(Text version)

Information about Canada	Canada Year Book 1997: Page	Research finding	Suggested activity/Display suggestion
Aboriginal peoples	33		Fact sheet
Area of Canada	22		Pie chart piece
Climate warming trend	32		Graph
Decline of groundfish	34		Graph
Driest location	27		Drawing and arrow sign
Endangered birds	55		Picture and sign
Endangered fish and marine mammals	55		Picture and sign
Endangered mammals	55		Picture and sign
Endangered plants	55		Picture and sign
Endangered reptiles	55		Picture and sign
Foggiest place	27		Drawing and arrow sign
Forest fires	41		Graph
Highest mountain	8		Arrow sign
Highest point: Alberta	23		Drawing and arrow sign
Highest point: British Columbia	23		Drawing and arrow sign
Highest point: Manitoba	23		Drawing and arrow sign
Highest point: New Brunswick	23		Drawing and arrow sign
Highest point: Newfoundland	23		Drawing and arrow sign
Highest point: Northwest Territories	23		Drawing and arrow sign
Highest point: Nova Scotia	23		Drawing and arrow sign
Highest point: Ontario	23		Drawing and arrow sign
Highest point: Prince Edward Island	23		Drawing and arrow sign
Highest point: Quebec	23		Drawing and arrow sign
Highest point: Saskatchewan	23		Drawing and arrow sign

Highest point: Yukon	23		Drawing and arrow sign
Largest all-Canadian lake	8		Arrow sign
Largest island	8		Arrow sign
Longest mountain range	8		Drawing and sign
Longest river	8		Arrow sign
Maximum size (km) East - West	8		String, arrow and sign
Maximum size (km) North - South	8		String, arrow and sign
Most agricultural region	13		Coloured area, label and fact sheet
Most easterly point	8		Arrow sign
Most easterly region	9		Coloured area, label and fact sheet
Most northerly point	8		Arrow sign
Most populated region	11		Coloured area, label and fact sheet
Most southerly point	8		Arrow sign
Most westerly point	8		Arrow sign
Most westerly region	17		Coloured area, label and fact sheet
Percentage cropland	7		Pie chart piece
Percentage forest	7		Pie chart piece
Percentage fresh water	7		Pie chart piece
Percentage ice field	7		Pie chart piece
Percentage range	7		Pie chart piece
Percentage tundra	7		Pie chart piece
Percentage urban	7		Pie chart piece
Percentage wetland	7		Pie chart piece
Place with most snow	27		Drawing and arrow sign
Record cold temp.	27		Drawing and arrow sign
Record high temp.	27		Drawing and arrow sign
Recycling by province	52		Graph
Rural - Urban population trend	30		Graph
Total area: Alberta	22		Sign
Total area: British Columbia	22		Sign
Total area: Manitoba	22		Sign

Total area: New Brunswick	22		Sign
Total area: Newfoundland	22		Sign
Total area: Northwest Territories	22		Sign
Total area: Nova Scotia	22		Sign
Total area: Ontario	22		Sign
Total area: Prince Edward Island	22		Sign
Total area: Quebec	22		Sign
Total area: Saskatchewan	22		Sign
Total area: Yukon	22		Sign
Water pollution	37		Fact sheet
Wettest location	27		Drawing and arrow sign
Wildlife threats	35		Fact sheet
Windiest place	27		Drawing and arrow sign





## Student's Research Chart

(CD-ROM version)

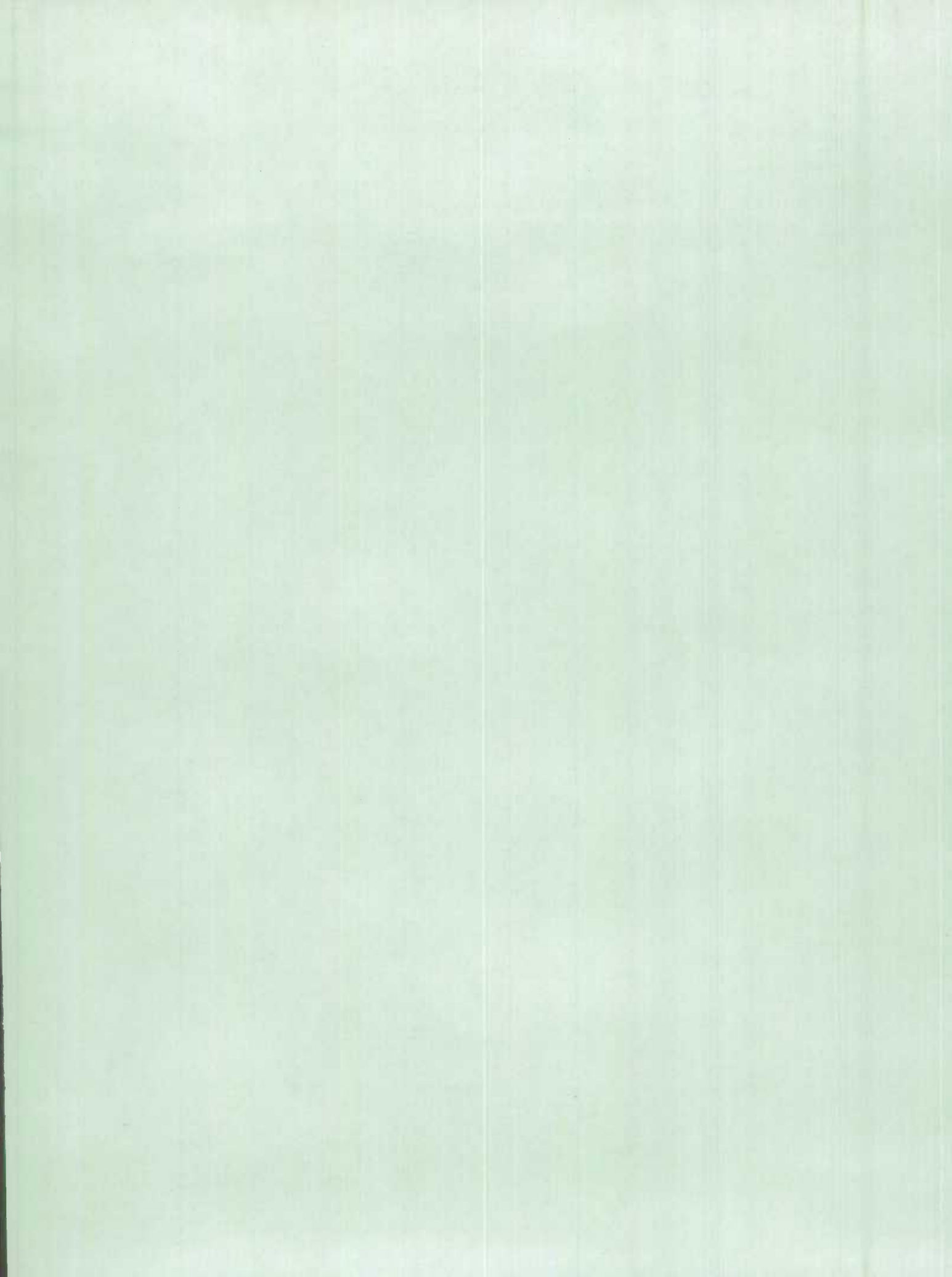
Information about Canada	Chapter title and locator	Research finding	Suggested activity/Display suggestion
Aboriginal peoples	Legacy - Supplements		Fact sheet
Area of Canada	Land - Tables		Pie chart piece
Climate warming trend	Legacy - Climate W...		Graph
Decline of groundfish	Legacy - Decline of G...		Graph
Driest location	Land - Tables		Drawing and arrow sign
Endangered birds	Legacy - Tables		Picture and sign
Endangered fish and marine mammals	Legacy - Tables		Picture and sign
Endangered mammals	Legacy - Tables		Picture and sign
Endangered plants	Legacy - Tables		Picture and sign
Endangered reptiles	Legacy - Tables		Picture and sign
Foggiest place	Land - Tables		Drawing and arrow sign
Forest fires	Legacy - Supplements		Graph
Highest mountain	Land - Supplements		Arrow sign
Highest point: Alberta	Land - Tables		Drawing and arrow sign
Highest point: British Columbia	Land - Tables		Drawing and arrow sign
Highest point: Manitoba	Land - Tables		Drawing and arrow sign
Highest point: New Brunswick	Land - Tables		Drawing and arrow sign
Highest point: Newfoundland	Land - Tables		Drawing and arrow sign
Highest point: Northwest Territories	Land - Tables		Drawing and arrow sign
Highest point: Nova Scotia	Land - Tables		Drawing and arrow sign
Highest point: Ontario	Land - Tables		Drawing and arrow sign
Highest point: Prince Edward Island	Land - Tables		Drawing and arrow sign
Highest point: Quebec	Land - Tables		Drawing and arrow sign

Highest point: Saskatchewan	Land - Tables		Drawing and arrow sign
Highest point: Yukon	Land - Tables		Drawing and arrow sign
Largest all-Canadian lake	Land - Supplements		Arrow sign
Largest island	Land - Supplements		Arrow sign
Longest mountain range	Land - Supplements		Drawing and sign
Longest river	Land - Supplements		Arrow sign
Maximum size (km) East - West	Land - Supplements		String, arrow and sign
Maximum size (km) North - South	Land - Supplements		String, arrow and sign
Most agricultural region	Land - Prairies		Coloured area, label and fact sheet
Most easterly point	Land - Supplements		Arrow sign
Most easterly region	Land - Supplements		Coloured area, label and fact sheet
Most northerly point	Land - Supplements		Arrow sign
Most populated region	Land - Central C...		Coloured area, label and fact sheet
Most southerly point	Land - Supplements		Arrow sign
Most westerly point	Land - Supplements		Arrow sign
Most westerly region	Land - Supplements		Coloured area, label and fact sheet
Percentage cropland	Land - Charts		Pie chart piece
Percentage forest	Land - Charts		Pie chart piece
Percentage fresh water	Land - Charts		Pie chart piece
Percentage ice field	Land - Charts		Pie chart piece
Percentage range	Land - Charts		Pie chart piece
Percentage tundra	Land - Charts		Pie chart piece
Percentage urban	Land - Charts		Pie chart piece
Percentage wetland	Land - Charts		Pie chart piece
Place with most snow	Land - Tables		Drawing and arrow sign
Record cold temp.	Land - Tables		Drawing and arrow sign
Record high temp.	Land - Tables		Drawing and arrow sign
Recycling by province	Legacy - Tables		Graph
Rural - Urban population trend	Legacy - Charts		Banner
Total area: Alberta	Land - Tables		Sign
Total area: British Columbia	Land - Tables		Sign

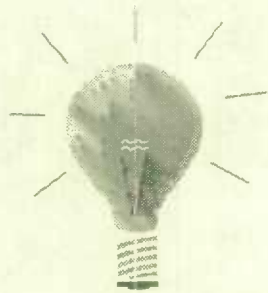
Total area: Manitoba	Land - Tables		Sign
Total area: New Brunswick	Land - Tables		Sign
Total area: Newfoundland	Land - Tables		Sign
Total area: Northwest Territories	Land - Tables		Sign
Total area: Nova Scotia	Land - Tables		Sign
Total area: Ontario	Land - Tables		Sign
Total area: Prince Edward Island	Land - Tables		Sign
Total area: Quebec	Land - Tables		Sign
Total area: Saskatchewan	Land - Tables		Sign
Total area: Yukon	Land - Tables		Sign
Water pollution	Legacy - Troubled W...		Fact sheet
Wettest location	Land - Tables		Drawing and arrow sign
Wildlife threats	Legacy - Wildlife T...		Fact sheet
Windiest place	Land - Tables		Drawing and arrow sign











## Canada Year Book 1997 Classroom Activity: 2

# I've Got The Answer!

### **Purpose**

This activity is intended to encourage the discovery and discussion of Canada's dynamic population, past, present and future.

### **Learning Outcomes**

The following activity will enhance the skills listed below:

- Computer research skills (CD-ROM version only)
- Cooperative learning skills
- Information management skills
- Organizational skills
- Research skills

### **Grade Levels**

This research activity is designed to be used at Junior to Senior High School levels. It can be adapted to suit a variety of classroom realities. Alterations and enrichment suggestions are included.

### **Subject Areas**

This research activity can be used across the curriculum with particular emphasis in the following subject areas:

- Geography
- Social Studies
- Mathematics

- Language Arts/English
- Art/Media/Creative Expression

### **Lesson Format**

The activity involves defining Canada by dividing up the task of researching data found in Section 2: THE PEOPLE in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. Members of the class find answers to a series of randomly selected questions and create a quiz game called "Talking About Canadians".

### **Time Allocation**

Although the activity usually takes approximately 3 hours of class time, the time necessary to complete this activity will depend on the following factors:

- Class size and system used to assign the research task
- Research capabilities of the students
- Frequency of playing "Talking About Canadians"

### **Materials Needed**

The following items will be needed to complete the activity at its most basic level:

- **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**
- Copies of the question slips: "I've Got The Answer!"

### **Getting Started**

The outline of the activity given below is intended as a guide for classroom teachers. It is understood that teachers will have "rehearsed" the activity before introducing it to their classes. Classroom realities may require alterations to be made in the method(s) used to complete this activity. This is especially true for the number of questions to be included in the research portion of this activity.

1. Introduce the class to the concept of finding interesting information about Canadians. Read a few of the questions provided on the "I've Got The Answer!" slips.
2. Introduce **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM** as (a) research tool(s). Note that this activity will be restricted to using Section 2: THE PEOPLE.
3. Describe the activity where members of the class will select one or more "I've Got The Answer!" slips of paper featuring a question about Canada's population. The answer(s) can be found in Section 2: THE PEOPLE of **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. The answers to the questions are to be written on the slips of paper. These answers are used to create a set of questions to be used in a quiz game called "Talking About Canadians".



4. Distribute the "I've Got The Answer!" slips. Review the process for finding the answers. Determine the method to be used to provide each student and/or group with access time to research their answers in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. Some methods that work are:

- Arranging the class in alphabetical order, or vowels then consonants, by first or last name.
- Selecting groups randomly using a draw or roll of a die.
- Using birthday order starting on a randomly selected month.

5. While some students are using **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**, others can decorate the reverse side of their "I've Got The Answer!" slips with appropriate illustrations (photo, drawing, etc.) that can act as a clue to the general topic their questions address (urban population - city photo, farm population - drawing of a farm house; baby boom - baby photo, etc.).

6. When individual researchers or research teams have found their information, they can assemble the completed and decorated "I've Got The Answer!" slips and place them in a container. The "Talking About Canadians" quiz now begins. The class divides into two teams. The quiz coordinator draws an "I've Got The Answer!" slip and holds it so that members of both teams can see the illustration. The question is read and, after a 30-second team meeting is held by each team simultaneously, both groups are asked for their answer. (The order of the first answer is decided by a coin toss and then alternates with each question.) The team with the "BEST" answer wins a point. Of course, the judge's decision is final. The accurate answer is read aloud and the slip is returned to the container. It may be drawn again! Slips continue to be drawn and the game continues as long as the class enjoys the activity.

### **Student Materials**

A number of "I've Got The Answer!" slips are provided as well as a blank form that can be used by teachers to add regional and/or local questions. All questions can be altered or adapted to suit the classroom reality.

### **Answers**

Complete answer sheets are provided.

### **Alterations and Enrichment Suggestions**

1. The "Talking About Canadians" Challenge: Classes may challenge each other to a master quiz based on their combined sets of slips. Both accuracy and/or creativity might be interesting judging criteria. A sense of fun is compulsory!

2. A board game version might be created and traded between schools. An e-mail questioning system could be used to twin classes and play an "across-Canada" round of games using boards located in the participating schools.

3. A desk calendar called "Do You Have The Answer?" could be created using the "I've Got The Answer!" slips with a question for each school day.
4. The "I've Got The Answer!" slips could be used to provide questions for the daily announcements made in the school. Entrants could submit their answers in a box in the Main Office or the Library. The winner(s) could be announced before the next question is asked. Prizes could be awarded.

### **Selected Further Resources from Statistics Canada**

*Youth in Canada.* Catalogue Number: 89-511-XPE. 52 pages. 60+ figures and charts. Price: \$37 in Canada; US\$44 in the United States; US\$52 in other countries.

*A Profile of the Métis.* Catalogue Number: 89-547-XPE. 68 pages. 65+ tables and charts. Price: \$37 in Canada; US\$45 in the United States; US\$52 in other countries.

*A Portrait of Persons with Disabilities.* Catalogue Number: 89-542-XPE. 72 pages. 80+ tables, charts and graphs. Price: \$40 in Canada; US\$48 in the United States; US\$56 in other countries.

*Women in Canada.* Catalogue Number: 89-503-XPE. 210 pages. 260+ tables and charts. Price: \$40 in Canada; US\$48 in the United States; US\$56 in other countries.

*A Portrait of Families in Canada.* Catalogue Number: 89-523-XPE. 56 pages. 40+ tables and charts. Price: \$37 in Canada; US\$44 in the United States; US\$52 in other countries.

*Family Over the Life Course.* Catalogue Number: 91-543-XPE. 192 pages. 95+ tables, charts and graphs. Price: \$38 in Canada; US\$46 in the United States; US\$54 in other countries.

*Canadian Social Trends.* Catalogue Number: 11-008-XPE. Quarterly Periodical. Articles, charts, tables and graphs; "Educators' Notebook". Annual Subscription Price: \$34 in Canada; US\$41 in the United States; US\$48 in other countries.

*Report on the Demographic Situation in Canada.* Catalogue Number: 91-209-XPE. 212 pages. 120+ tables, charts and graphs. Price: \$30 in Canada; US\$36 in the United States; US\$42 in other countries.

*Annual Demographic Statistics, 1995.* Catalogue Number: 91-213-XPB. 350 pages. 90+ tables and charts. Price: \$65 in Canada; US\$78 in the United States; US\$91 in other countries.

*Canada's Culture, Heritage and Identity: A Statistical Perspective.* Catalogue Number: 87-211-XPB. 108 pages. 75+ tables, charts and graphs. Price: \$30 in Canada; US\$36 in the United States; US\$42 in other countries.

*Canada: A Portrait*. Catalogue Number: 11-403-XPE. 164 pages. 40+ photographs. Price: \$39.95 (plus shipping/handling and applicable taxes) in Canada; US\$51.95 in the United States; US\$59.95 in other countries.

*E-STAT* -- Statistics Canada's comprehensive educational data warehouse on CD-ROM. Contact Statistics Canada Regional Reference Centres (see below) for pricing and licensing information.

Statistics Canada maintains a web site at <http://www.statcan.ca>. Of special interest are "Canadian Dimensions", "The Daily", "E-STAT" and "What's New".

Also, see "For Further Reading" on pages 75, 109, 139, 171, 205 and 245 in **Canada Year Book 1997** and/or click on The People on Canada Year Book 1997 on CD-ROM.

Information on these and other resources is also available through **Statistics Canada Regional Reference Centres**, as follows:

Halifax	(902) 426-5331 [phone]	(902) 426-9538 [fax]
Montréal	(514) 283-5725 [phone]	(514) 283-9350 [fax]
Ottawa	(613) 951-8116 [phone]	(613) 951-0581 [fax]
Toronto	(416) 973-6586 [phone]	(416) 973-7475 [fax]
Winnipeg	(204) 983-4020 [phone]	(204) 983-7543 [fax]
Regina	(306) 780-5405 [phone]	(306) 780-5403 [fax]
Calgary	(403) 292-6717 [phone]	(403) 292-4958 [fax]
Edmonton	(403) 495-3027 [phone]	(403) 495-5318 [fax]
Vancouver	(604) 666-3691 [phone]	(604) 666-4863 [fax]

or by calling toll-free **1-800-263-1136**.

Materials may also be purchased through the Regional Reference Centres or by calling **1-800-267-6677**.

You are invited to send your comments on the **Canada Year Book 1997 Teachers' Kit** to Mary J. Rigby, Statistics Canada, Marketing Division, Promotions and Sales Development, R.H. Coats Building 9-D, 120 Parkdale Avenue, Ottawa, Ontario K1A 0T6.

This educational activity has been developed for Statistics Canada by Peter K. MacLeod, Educational Enhancements, 41 Oval Drive, Aylmer, Quebec J9H 1T9 ([pmacleod@magi.com](mailto:pmacleod@magi.com)).



# “I’ve Got The Answer!”

## Answers (Text version)

Question	Answer	Chapter	Page
1	3 per km <sup>2</sup>	3	60
2	The Baby Boom during the 1950's	3	60
3	Quebec	3	61
4	About 30 million	3	59
5	Most Canadians moved westwards	3	64
6	About 85% of francophones live in Quebec	3	70
7	Chinese, Spanish and Arabic	3	72
8	Netherlands, Japan, Belgium	3	76
9	Toronto (4.3 m), Montreal (3.3 m) and Vancouver (1.8 m)	3	85
10	Life expectancy: Females 81 years; Males 75 years	4	93
11	Ginseng root	4	106
12	The year was 1901	5	129
13	The expenditure on pets doubled	6	156
14	Families with children at home: 1971 - 70%; 1991 - 60%	6	163
15	UI - Unemployment Insurance; EI - Employment Insurance	7	199
16	The Tragically Hip; nearly \$1 billion in revenues per year in Canada	8	230
17	CBC TV began in 1952	8	232



# “I’ve Got The Answer!”

## Answers (CD-ROM version)

Question	Answer	Locators
1	3 per km <sup>2</sup>	The People / Population / Tables
2	The Baby Boom during the 1950's	The People / Population / Population Structure / Transformation
3	Quebec	The People / Population / Population Structure / Transformation / Median Age
4	About 30 million	The People / Population / Tables / Components...
5	Most Canadians moved westwards	The People / Population / Mobility / Interprovincial... / From Atlantic...
6	About 85% of francophones live in Quebec	The People / Population / Languages / Mother Tongue / French
7	Chinese, Spanish and Arabic	The People / Population / Languages / Mother Tongue / Other Languages
8	Netherlands, Japan, Belgium	The People / Population / Tables / Population...
9	Toronto (4.3 m), Montreal (3.3 m) and Vancouver (1.8 m)	The People / Population / Tables / Population and Average...
10	Life expectancy: Females 81 years; Males 75 years	The People / Health / Health...
11	Ginseng root	The People / Health / Supplements / The Root...
12	The year was 1901	The People / Education / Supplements / Schooling...
13	The expenditure on pets doubled	The People / Household and Family Life / Supplements / Furry...
14	Families with children at home: 1971 - 70%; 1991 - 60%	The People / Household and Family Life / Charts / Family Types

Question	Answer	Locators
15	UI - Unemployment Insurance; EI - Employment Insurance	The People / The labour Force / Supplements / The New "EI"
16	The Tragically Hip; nearly \$1 billion in revenues per year in Canada	The People / Arts and Leisure / Arts Infrastructure / Sound Recordings
17	CBC TV began in 1952	The People / Arts and Leisure / Rabbits Ears

## **“I’ve Got The Answer!” Slips**

### **“I’ve Got The Answer!” -- 1**

Question: What is Canada’s population density?

Answer:

Researcher’s Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **“I’ve Got The Answer!” -- 2**

Question: What do we call the period in Canada’s history when the birth rate was extraordinarily high and during which decade did it take place?

Answer:

Researcher’s Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **“I’ve Got The Answer!” -- 3**

Question: Which province or territory has the oldest population in Canada?

Answer:

Researcher’s Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" -- 4**

Question: How many people were living in Canada in 1995?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" -- 5**

Question: In what compass direction did most Canadians move between 1986 and 1991?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" -- 6**

Question: What percentage of Canada's francophone population lives in Quebec?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" -- 7**

Question: What are the top 3 most rapidly growing Mother Tongues in Canada?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_



### **"I've Got The Answer!" -- 8**

Question: What are the three most densely populated countries in the world?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 9**

Question: Which are Canada's three most populous cities?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 10**

Question: How long are Canadian men and women expected to live?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 11**

Question: What root is believed by Chinese folklore to have healing properties?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 12**

Question: What census noted that only 48% of Canadian children over 10 were in school?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 13**

Question: What increase was recorded in our spending on the pets we keep, between 1969 and 1992?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 14**

Question: How many families had children at home in 1971 versus 1991?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 15**

Question: What support system was called "UI" and now is called "EI"?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 16**

Question: What Canadian rock group is quoted concerning the recording industry in Canada; and how much revenue is made in Canada's recording industry each year?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

### **"I've Got The Answer!" -- 17**

Question: In what year did the CBC broadcast television for the first time?

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

Blank slips to be used for additional  
“I’ve Got The Answer!” Questions

**“I’ve Got The Answer!” --** \_\_\_\_\_

Question:

Answer:

Researcher’s Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**“I’ve Got The Answer!” --** \_\_\_\_\_

Question:

Answer:

Researcher’s Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**“I’ve Got The Answer!” --** \_\_\_\_\_

Question:

Answer:

Researcher’s Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_



**"I've Got The Answer!" --** \_\_\_\_\_

Question:

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" --** \_\_\_\_\_

Question:

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" --** \_\_\_\_\_

Question:

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_

**"I've Got The Answer!" --** \_\_\_\_\_

Question:

Answer:

Researcher's Name: \_\_\_\_\_

Research Route: CYB97/ Chapter number: \_\_\_\_\_ Page: \_\_\_\_\_

Research Route: CYB97 on CD-ROM: \_\_\_\_\_





## Canada Year Book 1997 Classroom Activity: 3

# Did You Know? Canadian Economic Insights

### Purpose

This classroom activity is intended to direct students to use **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**, particularly Section 3: THE ECONOMY, by having students read a brief information item concerning Canada's economy, prepare a presentation and present their new information to the class.

### Learning Outcomes

The following activity will enhance the skills listed below:

- Research skills
- Information management skills
- Cooperative learning skills
- Presentation skills
- Computer research skills (CD-ROM version only)

### Grade Levels

This research and presentation activity is designed to be used at Junior High (with direction) to Senior High School levels and can be adapted to individual classroom realities. Alterations and enrichment suggestions are included.

### Subject Areas

This research and presentation activity can be used across the curriculum with particular emphasis in the following subject areas:

- Geography
- Mathematics
- Economics
- Performing Arts

- Social Studies

### Lesson Format

The activity involves the completion of a **Did You Know... ? Student Activity Sheet** after reading an information box in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. The student is then challenged to prepare and present a brief presentation based on the assigned information box.

### Time Allocation

Although the activity usually takes approximately 3 hours of class time, the time necessary to complete this activity will depend on the following factors:

- Class size and system used to assign the research task
- Research capabilities of the students
- Number of information boxes to be read and presented
- Complexity of the discussion concerning the students' results

### Materials Needed

The following items will be needed to complete the activity at its most basic level:

- **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**
- Copies of the information boxes (for page numbers and/or CD-ROM search locator references, see the **Did You Know... ? Student Activity Sheet**)
- Copies of the **Did You Know... ? Student Activity Sheet**

### Getting Started

The outline of the activity given below is intended as a guide for classroom teachers. It is understood that teachers will have "rehearsed" the activity before introducing it to their classes. Classroom realities may require alterations to be made in the method(s) used to complete this activity. This is especially true when determining the number of items to be included using the **Did You Know... ? Student Activity Sheet**.

1. Introduce the class to the concept of defining a family's financial resources and economic situation. Use the family income analogy. Ask questions like "What are the major income sources in a typical family?" (e.g. salaries, tips, pension cheques, welfare cheques, etc.) and/or "What is most of the family income spent on?" (e.g. housing, food, transportation, etc.).
2. Develop the same line of thought and have the class suggest the national sources of income (taxation, exports, etc.) and expenses (education, health care, etc.) for Canada.
3. Introduce **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM** as (a) research tool(s). Note that this activity will be restricted to using Section 3: THE ECONOMY.



4. Steer discussion to the concept that economic activities are varied. The definition can be very broad, such that tours to see the Northern Lights and watching television can be identified as economic activities. Using **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**, point out a number of the information boxes and distribute the list provided in PART 1 of the **Did You Know... ? Student Activity Sheet**. Review the information box titles to be researched. Divide and conquer the list by assigning the boxes on the list to the students. Note: The information boxes are called Supplements on **Canada Year Book 1997 on CD-ROM**.

5. Distribute copies of the information boxes or determine another method to be used to provide each student and/or group with access time to research their answers in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM**. Some methods that work are:

- Assigning boxes by the numbers listed on the **Did You Know... ? Student Activity Sheet**.
- Dividing the class by alphabetical order, or vowels then consonants, using the first or last name.
- Randomly selecting groups using a draw or roll of a die.
- Using birthday order starting on a randomly selected month.

6. After having completed PART 1 of the **Did You Know... ? Student Activity Sheet**, students or groups can move on to PARTS 2 and 3, formulating a plan to prepare and present their information.

7. Allow sufficient time for each presentation and emphasize the need for students to tie each presentation to Canada's economy and to their own lives.

### **Alterations and Enrichment Suggestions**

1. **A Local Information Box:** Seek input from the class on interesting local facts that could be put into an information box and ask students to write their own boxes -- individually, in groups or as a class. Think of ideas that make your area notable: biggest?, smallest?, annual event or feature (County Fair, the Volunteer Fire Brigade, etc.).

2. **Meaningful Pursuit:** Students could produce a series of information cards and build up a game based on the information they discover. The game could be centred on a map identifying the various places where the information is located. When a player has visited 8 to 10 sites, for example, that player wins.

### **Selected Further Resources from Statistics Canada**

*Market Research Handbook 1995*. Catalogue Number: 63-224-XPB. 620 pages. 850+ tables. Price: \$110 in Canada; US\$132 in the United States; US\$154 in other countries.

*Perspectives on Labour and Income*. Catalogue Number: 75-001-XPE. Quarterly Periodical.

Articles; Highlights; "What's New"; charts, tables and graphs. Annual Subscription Price: \$56 in Canada; US\$68 in the United States; US\$80 in other countries.

*Canadian Economic Observer*. Catalogue Number: 11-010-XPB. Monthly Periodical. Articles; Highlights; Statistical Summary; tables, charts and graphs. Annual Subscription Price: \$220 in Canada; US\$264 in the United States; US\$308 in other countries.

*Canadian Economic Observer Historical Statistical Supplement 1995/96*. Catalogue Number: 11-210-XPB. 120 pages. 45 tables. Price: \$27 in Canada; US\$33 in the United States; US\$38 in other countries.

*Canadian Economic Observer Historical Statistical Supplement 1995/96 on Diskette*. Catalogue Number: 11-210-XDB. Price: \$50 in Canada; US\$60 in the United States; US\$70 in other countries.

*The Consumer Price Index*. Catalogue Number: 62-001-XPB. Monthly Periodical. Highlights; charts and tables. Annual Subscription Price: \$100 in Canada; US\$120 in the United States; US\$140 in other countries.

*Your Guide to the Consumer Price Index*. Catalogue Number: 62-557-XPB. 40 pages. Tables and graphs. No charge for single copies; users may make photocopies of the original.

*Canada: A Portrait*. Catalogue Number: 11-403-XPE. 164 pages. 40+ photographs. Price: \$39.95 (shipping/handling and applicable taxes) in Canada; US\$51.95 in the United States; US\$59.95 in other countries.

*E-STAT* -- Statistics Canada's comprehensive educational data warehouse on CD-ROM. Contact Statistics Canada Regional Reference Centres (see below) for pricing and licensing information.

Also, see "For Further Reading" on pages 281, 307, 327, 363, 391 and 425 in **Canada Year Book 1997** and/or click on The Economy on **Canada Year Book 1997 on CD-ROM**.

Statistics Canada maintains a web site at <http://www.statcan.ca>. Of special interest are "Canadian Dimensions", "The Daily", "E-STAT", "Your Guide to the Consumer Price Index" and "What's New".

Information on these and other resources is also available through **Statistics Canada Regional Reference Centres**, as follows:

Halifax	(902) 426-5331 [phone]	(902) 426-9538 [fax]
Montréal	(514) 283-5725 [phone]	(514) 283-9350 [fax]
Ottawa	(613) 951-8116 [phone]	(613) 951-0581 [fax]
Toronto	(416) 973-6586 [phone]	(416) 973-7475 [fax]
Winnipeg	(204) 983-4020 [phone]	(204) 983-7543 [fax]
Regina	(306) 780-5405 [phone]	(306) 780-5403 [fax]
Calgary	(403) 292-6717 [phone]	(403) 292-4958 [fax]

Edmonton (403) 495-3027 [phone] (403) 495-5318 [fax]  
Vancouver (604) 666-3691 [phone] (604) 666-4863 [fax]  
or by calling toll-free 1-800-263-1136.

Materials may also be purchased through the Regional Reference Centres or by calling  
**1-800-267-6677.**

You are invited to send your comments on the **Canada Year Book 1997 Teachers' Kit** to  
Mary J. Rigby, Statistics Canada, Marketing Division, Promotions and Sales Development,  
R.H. Coats Building 9-D, 120 Parkdale Avenue, Ottawa, Ontario K1A 0T6.

This educational activity has been developed for Statistics Canada by Peter K. MacLeod,  
Educational Enhancements, 41 Oval Drive, Aylmer, Quebec J9H 1T9 (pmacleod@magi.com).



## Did You Know... ?

### Student Activity Sheet

You have three tasks to perform.

1. Read an information box from Section 3: THE ECONOMY (see the list below).
2. Prepare a very brief but meaningful presentation about your new information.
3. Present your information.

**PART 1: Reading the information.** Here are the information boxes found in **Canada Year Book 1997** and/or **Canada Year Book 1997 on CD-ROM** (listed as Supplements).

No.	Information box title	Page number	CD-ROM reference
1	On Gross Domestic Product	266-67	Economic Growth and ...
2	Services	268	Economic Growth and ...
3	The Consumer Price Index	270	Economic Growth and ...
4	Home Economics	271	Economic Growth and ...
5	A Taxing Reality	277	Economic Growth and ...
6	Maple Syrup Forever	294	Canada in the Global Economy
7	Will that be Charge or E-Cash?	295	Canada in the Global Economy
8	NAFTA Update	298	Canada in the Global Economy
9	Footloose Canadians	300	Canada in the Global Economy
10	Liquid Asset	312	Primary Industries
11	Electronic Almanac	315	Primary Industries
12	Acting on Exhaust	320	Primary Industries
13	Voisey Vaults	323	Primary Industries
14	The Use of Wood	350	Manufacturing and ...
15	The Art of Building	351	Manufacturing and ...
16	Bridging the Gap	357	Manufacturing and ...
17	Constructs of Wind and Water	359	Manufacturing and ...
18	Canadian Inventors	360	Manufacturing and ...
19	Attack of the Leonids	378	Communications, ...
20	Benjamin Franklin's Canadian Posting	382	Communications, ...
21	Highway 16/5 Illumination	383	Communications, ...
22	Driving Facts	384	Communications, ...
23	Shipwrecked Inland	387	Communications, ...
24	Treasure Island	410	Finance and Services
25	The New Two Bucks	413	Finance and Services
26	Bank of Montreal	417	Finance and Services
27	Night Unfurls Its Splendor	422	Finance and Services



**PART 2: Preparing the presentation.** Complete the following outline as part of your plan for presenting the information you have just read to the others in the class. Keep it brief, simple and to the point. Remember it should mean something to your lives.

My (my group's) presentation:

1. Topic title: \_\_\_\_\_

2. Main theme: \_\_\_\_\_

\_\_\_\_\_

3. Supporting details: a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

4. Display item: Bring to class or create an item (or items) that will focus the class's attention. Traditional items would include a map, a picture, an artifact, etc. (Example: No. 6 - maple syrup).

Display item(s): \_\_\_\_\_

\_\_\_\_\_

5. The script: Write here a few lines you intend to use so that you don't need to depend on memorizing everything.

Opening line: \_\_\_\_\_

\_\_\_\_\_

Introduce display item(s): \_\_\_\_\_

\_\_\_\_\_

Facts: (See supporting details above) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Final detail: \_\_\_\_\_

\_\_\_\_\_

**PART 3: Presenting the information.**





## Canada Year Book 1997

### Classroom Activity: 4

# Who Looks After What ?

### Purpose

This activity is intended to focus attention on Canada's political and legal system by having students complete a series of three flow charts concerning our governmental and legal systems. Students are then given a series of situations which they are to assign to the correct jurisdiction(s).

### Learning Outcomes

The following activity will enhance the skills listed below:

- Research skills
- Problem solving skills
- Cooperative learning skills
- Understanding of the legal and political systems
- Sense of how Canadians interact with their legal and political systems

### Grade Levels

This research and problem solving activity is designed to be used at Junior to Senior High School levels and can be adapted to individual classroom realities. Alterations and enrichment suggestions are included.

### Subject Areas

This research and problem solving activity can be used across the curriculum with particular emphasis in the following subject areas:

- Geography
- Social Studies
- Civics, Government and Law
- Language Arts/English
- Citizenship

- Life Skills

### Lesson Format

The activity involves two tasks. Students fill in boxes taken from a series of three flow charts found in **Canada Year Book 1997** which illustrate how Canada's governmental and legal systems work. They then assign situations from the **Some Situations** Activity Sheet to their proper jurisdiction(s).

### Time Allocation

Although the activity usually takes approximately 3 hours of class time, the time necessary to complete this activity will depend on the following factors:

- Class size and system used to assign the research task
- Research capabilities of the students
- Number of situations to be assigned

### Materials Needed

The following items will be needed to complete the activity at its most basic level:

- **Canada Year Book 1997**
- Copies of: **The Canadian Government Flow Chart\***  
**Canada's Legal System Flow Chart\***  
**Canada's Court System Flow Chart\***
- Copies of: **Some Situations Activity Sheet\***  
(\*1 copy of each sheet per student or group)

### Getting Started

The outline of the activity given below is intended as a guide for classroom teachers. It is understood that teachers will have "rehearsed" the activity before introducing it to their classes. Classroom realities may require alterations to be made in the method(s) used to complete this activity.

1. Introduce the class to the numerous complexities of governing a country the size of Canada. Ask the class for a set of different governing bodies that affect their lives (federal, provincial/territorial, municipal, school board, students' council, etc.). Why do we need so many? Do they all perform the same tasks? Why would they carry out different tasks? How was it decided who would do what?
2. Introduce **Canada Year Book 1997** as a research tool. Note that this activity will be restricted to using Section 4: THE NATION.
3. Describe the activity as involving research and problem solving. Students will be completing a series of three flow charts. They will then be assigning a series of situations to the appropriate



jurisdiction(s) that would deal with these situations.

4. Distribute copies of the three flow charts:

- A. **The Canadian Government**
- B. **Canada's Legal System**
- C. **Canada's Court System**

5. Begin the process of completing the boxes on each flow chart using the lists of terms provided on the charts and the completed charts found in **Canada Year Book 1997**. This task is best done orally with the whole class. The boxes are numbered to assist in identification. Try to emphasize how the logical flow of responsibilities shown on the flow charts is reflected in our governmental and legal frameworks.

6. Once all three flow charts have been completed, it is time to assign situations to the proper jurisdiction. Distribute copies of the **Some Situations** Activity Sheet. Read the first situation to the class. Have individual members of the class or groups of students assign the situation to the appropriate jurisdiction. Once the concept of assigning situations to their rightful jurisdiction is understood, allow time for the students or groups to assign the remaining situations. Move from student to student and respond to questions. Don't be surprised if questions arise that you cannot answer! Discuss how the rather simple flow charts can appear as a jurisdictional maze in real life as the system of government tries to cover every possible situation. As new problems arise, like computer copyrights, the governmental process is expected to respond by amending the legal processes. Seek ideas on streamlining the legal and government systems. Suggest and discuss the myriad complications that can create bureaucratic nightmares even in your local area! Clarify the students' role in simplifying government - by acting responsibly and legally, and by VOTING.

### Answers

**Flow Charts:** Completed versions of the flow charts can be found on the following pages of **Canada Year Book 1997**:

- A. **The Canadian Government - Page 443**
- B. **Canada's Legal System - Page 481**
- C. **Canada's Court System - Page 484**

Note: these charts are not available on the CD-ROM. For those with access only to **Canada Year Book 1997 on CD-ROM**, the activity may be carried out using copies of the flow charts provided, and the answers as given here:

#### A. **The Canadian Government**

Boxes:

- A1: Sovereign
- A2: Governor General
- A3: Prime Minister
- A4: Ministry (Cabinet)

- A5: Senate
- A6: House of Commons
- A7: Judiciary
- A8: Ministries, Departments, Agencies, Boards, Commissions, Secretaries of State, Territories
- A9: Lieutenant Governor
- A10: Premier
- A11: Municipalities
- A12: Boards and Commissions
- A13: Ministries, Departments, Agencies, Boards, Commissions
- A14: Public Hospitals and Universities

**Lines:**

- 1: Federal
- 2: Parliament
- 3: Provincial
- 4: Legislative Assemblies

**B. Canada's Legal System**

- B1: Constitution Act -- Charter of Rights and Freedoms
- B2: Criminal Law (exclusive federal jurisdiction)
- B3: Criminal Code
- B4: Other Federal Statutes
- B5: Civil Law
- B6: Federal Statute Law
- B7: Provincial Statute Law
- B8: Common Law (except Quebec)
- B9: *le droit civil* (Quebec)

**C. Canada's Court System**

**Boxes:**

- C1: Supreme Court of Canada
- C2: Tax Court of Canada
- C3: Federal Court of Canada, Appeal and Trial Division
- C4: Court Martial Appeal Court of Canada
- C5: Provincial/Territorial Courts of Appeal
- C6: Provincial/Territorial Superior Courts
- C7: Provincial/Territorial Courts
- C8: Justice of the Peace Courts
- C9: Municipal Courts

**Lines:**

- 1: Federally Constituted
- 2: Provincially Constituted

### **Alterations and Enrichment Suggestions**

1. **“Good Morning, How May I Help You?”**: Students are to create spin-off situations modeled on those already discussed. Form a team of student “Information Officers” to handle enquiries from the “public” (i.e. other students) by directing them to the proper jurisdiction(s). The roles can be reversed without notice to add a sense of fun.
2. **Follow the Case**: Invite a local lawyer, police officer or other knowledgeable official to take the class through a typical court case and process.
3. **I Do Have Rights!** Invite a legal expert to answer the students’ questions concerning their rights at school, at home and in the community.
4. **Dear Member of Parliament**: Invite a local member of Parliament (or other governing body) to show the class the processes necessary to have a legal situation dealt with, as well as how we can alter the rules we live by.

### **Selected Further Resources from Statistics Canada**

*A Graphical Overview of Crime and the Administration of Criminal Justice in Canada.*

Catalogue Number: 85F0018XPE. 214 pages. 80+ figures and charts. Price: \$35 in Canada; US\$42 in the United States; US\$49 in other countries.

*Juristat.* Catalogue Number: 85-002-XPE. Irregular Periodical (up to 17 issues/year).

Highlights; Articles; tables, charts and graphs. Annual Subscription Price: \$90 in Canada; US\$108 in the United States; US\$126 in other countries.

*Canada: A Portrait.* Catalogue Number: 11-403-XPE. 164 pages. 40+ photographs. Price:

\$39.95 (shipping/handling and applicable taxes) in Canada; US\$51.95 in the United States; US\$59.95 in other countries.

*E-STAT* -- Statistics Canada’s comprehensive educational data warehouse on CD-ROM. Contact Statistics Canada Regional Reference Centres (see below) for pricing and licensing information.

Also, see “For Further Reading” on pages 455 and 485 in **Canada Year Book 1997** and/or click on **The Nation** on **Canada Year Book 1997 on CD-ROM**.

Statistics Canada maintains a web site at <http://www.statcan.ca>. Of special interest are “Canadian Dimensions”, “The Daily”, “E-STAT” and “What’s New”.

Information on these and other resources is also available through **Statistics Canada Regional Reference Centres**, as follows:

Halifax

(902) 426-5331 [phone]

(902) 426-9538 [fax]

Montréal	(514) 283-5725 [phone]	(514) 283-9350 [fax]
Ottawa	(613) 951-8116 [phone]	(613) 951-0581 [fax]
Toronto	(416) 973-6586 [phone]	(416) 973-7475 [fax]
Winnipeg	(204) 983-4020 [phone]	(204) 983-7543 [fax]
Regina	(306) 780-5405 [phone]	(306) 780-5403 [fax]
Calgary	(403) 292-6717 [phone]	(403) 292-4958 [fax]
Edmonton	(403) 495-3027 [phone]	(403) 495-5318 [fax]
Vancouver	(604) 666-3691 [phone]	(604) 666-4863 [fax]

or by calling toll-free **1-800-263-1136**.

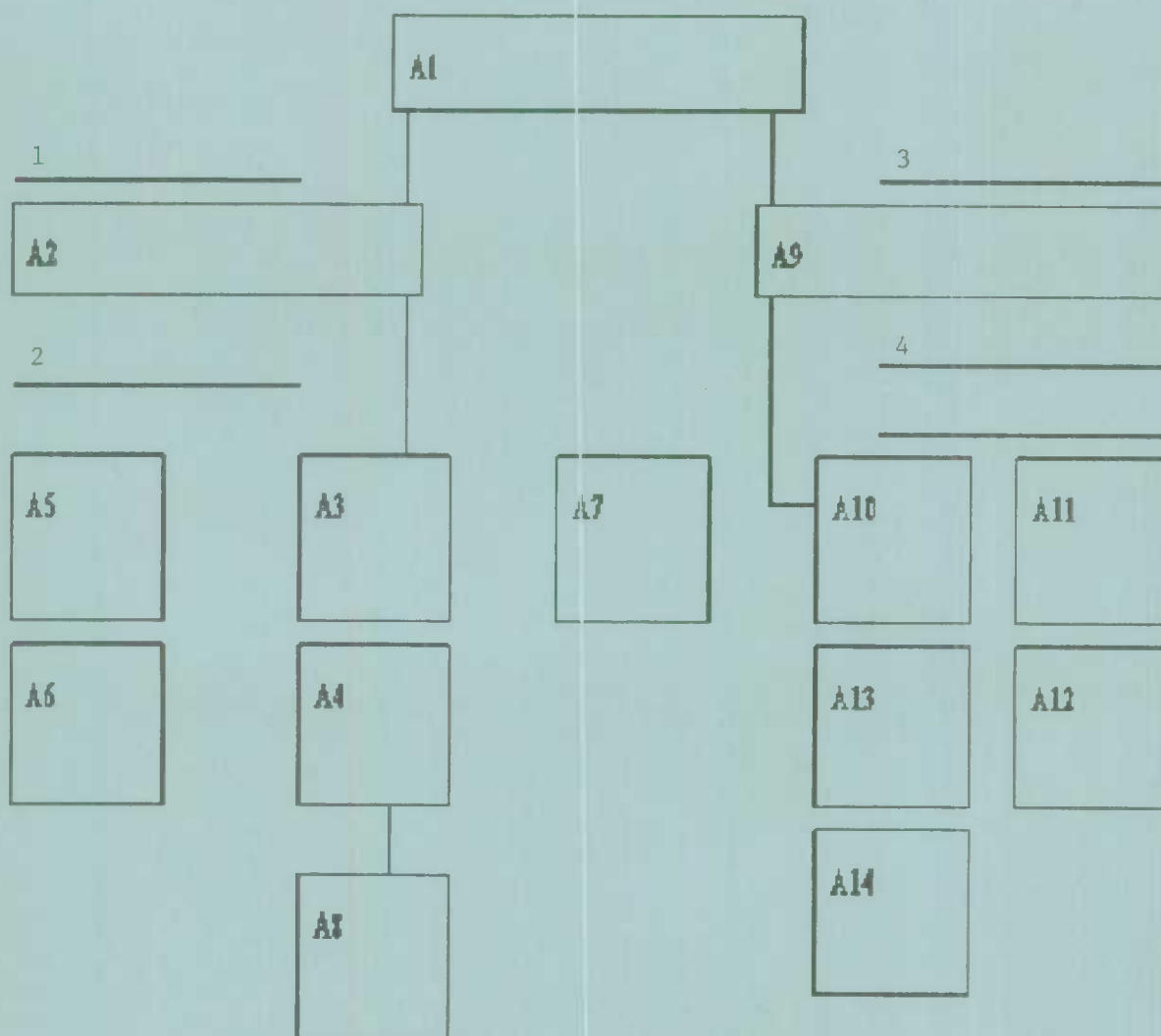
Materials may also be purchased through the Regional Reference Centres or by calling **1-800-267-6677**.

You are invited to send your comments on the **Canada Year Book 1997 Teachers' Kit** to Mary J. Rigby, Statistics Canada, Marketing Division, Promotions and Sales Development, R.H. Coats Building 9-D, 120 Parkdale Avenue, Ottawa, Ontario K1A 0T6.

This educational activity has been developed for Statistics Canada by Peter K. MacLeod, Educational Enhancements, 41 Oval Drive, Aylmer, Quebec J9H 1T9 ([pmacleod@magi.com](mailto:pmacleod@magi.com)).

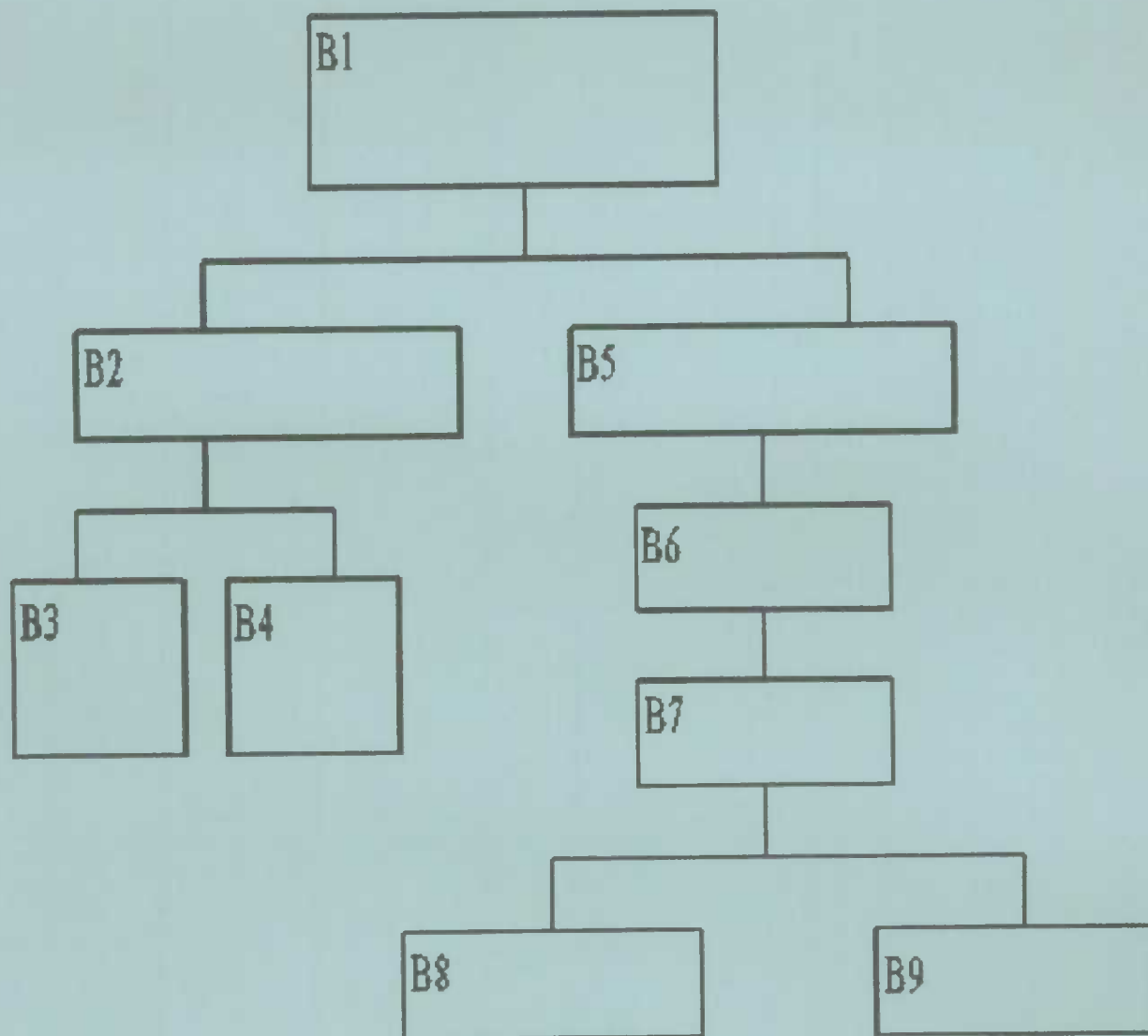


## A. The Canadian Government



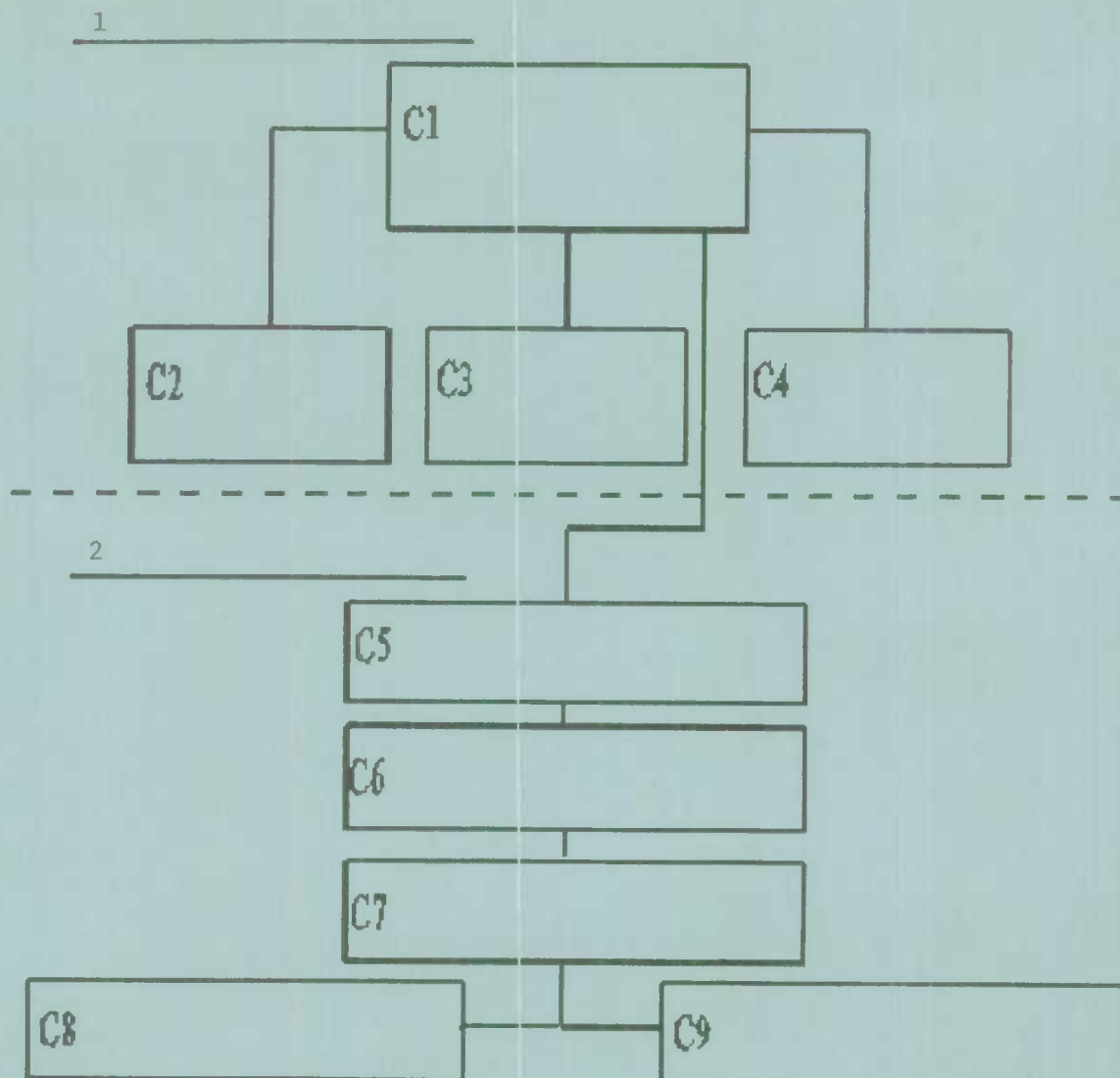
Choices are: Boards and Commissions; Federal; Governor General; House of Commons; Judiciary; Legislative Assemblies; Lieutenant Governor; Ministries, Departments, Agencies, Boards, Commissions, Secretaries of State, Territories; Ministries, Departments, Agencies, Boards, Commissions; Ministry (Cabinet); Municipalities; Parliament; Premier; Prime Minister; Provincial; Public Hospitals and Universities; Senate; Sovereign.

## B. Canada's Legal System



Choices are: Civil Law, Common Law (except Quebec), Constitution Act - Charter of Rights and Freedoms, Criminal Code, Criminal Law (exclusive federal jurisdiction), Federal Statute Law, *le droit civil* (Quebec only), Other Federal Statutes, Provincial Statute Law.

## C. Canada's Court System



Choices are: Court Martial Appeal Court of Canada, Federal Court of Canada - Appeal and Trial Division, Federally Constituted, Justice of the Peace Courts, Municipal Courts, Provincial/Territorial Courts, Provincial/Territorial Courts of Appeal, Provincial/Territorial Superior Courts, Provincially Constituted, Supreme Court of Canada, Tax Court of Canada.



## Some Situations (Answers)

### Activity Sheet

No.	Situation	Jurisdiction(s)	Explain why
1	Pay your property taxes	A11 - Municipalities	Property is registered by each municipality to raise taxes
2	Write a letter to the Prime Minister	A3	Federal Government
3	Want to contest a will in Alberta	C7 Provincial/ Territorial Court	Not a criminal offence
4	Want to get a marriage licence	C8 Justice of the Peace Court	Legal formality
5	Change made in jail terms for repeat murderers	B3, A6, A5	Change in federal criminal law
6	Send a petition to the Queen	A1 or A9	Contact Her representative
7	Trial for shoplifting	C7, B8 or B9 (Quebec)	Provincial/Territorial Court: Common Law or <i>le droit civil</i>
8	Last chance to change a court sentence in any court	C1 via C6, C5, C3	Supreme Court judges "fairness" of all trials in the case
9	Try to contest a parking ticket	C9	Local municipal legal matter
10	Want garbage pick-up increased to twice a week	A11	Local municipal ruling
11	Face legal action in Montreal	B9	<i>le droit civil</i>
12	Suspected of selling drugs	B2, B3	A federal jurisdiction
13	Want laws changed on meat quality inspections	A8, then A6, A5	Federal Dept. of Agriculture, House of Commons, etc.
14	Want university fees reduced	A14, A13, A10	Universities are under provincial control
15	Want to sue a person for selling "pirated" tapes	C7, law set in B8 civil not criminal	Provincial/Territorial Court





## Some Situations Activity Sheet

No.	Situation	Jurisdiction(s)	Explain why
1	Pay your property taxes		
2	Write a letter to the Prime Minister		
3	Want to contest a will in Alberta		
4	Want to get a marriage licence		
5	Change made in jail terms for repeat murderers		
6	Send a petition to the Queen		
7	Trial for shoplifting		
8	Last chance to change a court sentence in any court		
9	Try to contest a parking ticket		
10	Want garbage pick-up increased to twice a week		
11	Face legal action in Montreal		
12	Suspected of selling drugs		
13	Want laws changed on meat quality inspections		
14	Want university fees reduced		
15	Want to sue a person for selling "pirated" tapes.		





## Canada Year Book 1997 Classroom Activity: 5

# Canada Year Book 1997 on CD-ROM Scavenger Hunt: A CD-Roam

### Purpose

This activity is designed to encourage an active exploration of **Canada Year Book 1997 on CD-ROM**. It features a modified scavenger hunt, or **CD-Roam**, using a **CD-Roam Collector's Sheet** to review a wide variety of information by following a series of suggested subjects linked to a player's search word. A number of variations are suggested to adapt the challenge level of the activity. The **CD-Roam** can be adapted to utilize the text version of **Canada Year Book 1997**.

### Learning Outcomes

This research activity will enhance the skills listed below:

- Research skills (computer and/or text)
- Reading, comprehension and condensation skills
- Literacy across the curriculum
- Organizational skills
- Cooperative learning skills (if working in groups)
- A sense of fun while learning

### Grade Levels

This research activity is designed to be used at Junior to Senior High School levels. It can be adapted to individual classroom realities. Alterations and enrichment suggestions are provided.

### Subject Areas

This research activity can be used across the curriculum with particular emphasis in the following subject areas:

- Canadian Studies
- Geography
- Language Arts/English
- Social Studies

### Lesson Format

After discussing the use of reference materials for research purposes, the group reads a **CD-Roam Instructions** sheet and establishes the rules to be used in the **CD-Roam**. Players select a search word and begin their **CD-Roam** using **Canada Year Book 1997 on CD-ROM**. Although the subject categories are pre-set, each **CD-Roam** is unique since the items found by the players vary according to the letters in the players' search words and the players' choices of topics found during their search. The activity can be altered in a number of ways to adapt it to most classroom situations (see: **Alterations and Enrichment Suggestions**).

### Time Allocation

Although an individual player or team usually takes about 30 minutes to complete this activity, the time necessary will depend on the following factors:

- Class size and system used to assign the research task
- Research capabilities of the students
- Familiarity with using CD-ROM technology
- Number of categories selected

### Materials Needed

The following items will be needed to complete the activity:

- **Canada Year Book 1997 on CD-ROM** and/or **Canada Year Book 1997**
- Copies of: **The CD-Roam Instructions Sheet\***  
**CD-Roam Collector's Sheet\***  
and/or  
**CD-Roam Collector's Sheet** (blank version for local use)\*  
(\*1 copy of each sheet per student or group)

### Getting Started

The outline of the activity given below is intended as a guide for classroom teachers. It is understood that teachers will have "rehearsed" the activity before introducing it to their classes. Classroom realities may require alterations to be made in the method(s) used to complete this activity.

1. Introduce the class to the concept of having an entire reference book, plus music and videos, on a compact disc with Read Only Memory, a CD-ROM. Discuss the need for a search system that duplicates the traditional techniques used to find information in a standard print reference book (referring to the Table of Contents, Index, Glossary, etc.). **Canada Year Book 1997 on CD-ROM** uses a window called **Library** to present a Table of Contents and a window called **Outline** which provides a series of topic titles. Clicking on the titles in these windows calls up the information available on the CD-ROM. Although this activity is designed to focus on the resources found on **Canada Year Book 1997 on CD-ROM**, it can be adapted to be used with the print version of **Canada Year Book 1997** as well.



2. Describe the activity as a computer-based scavenger hunt, a **CD-Roam**. The players will be trying to find information as quickly and as accurately as possible. Players must prove that they have read and understood the material they found by describing it concisely on the **CD-Roam Collector's Sheet**. Each search begins by writing a 6 to 10 letter word that acts as a code for finding answers. The person or team with the shortest time (considering the number of searches as set by the length of the word i.e. 6 to 10 letters) and the most accurate descriptions of the material found will be declared the winner. Of course, the judge's decision is final and a sense of fun is essential!

3. Once **Canada Year Book 1997 on CD-ROM** has been installed and is operational, distribute copies of the **CD-Roam Instructions** sheet. Decide the method of play as individuals and/or teams. Review the instructions using the computer to demonstrate the research process.

4. Distribute the **CD-Roam Collector's Sheet** to players only when they are ready to start. Timing begins as they write their name(s) on the sheet.

5. Once all of the players or teams have completed their **CD-Roam Collector's Sheets** (including the **Tie Breaker**), ask them to review and exchange their answers orally and encourage students to appreciate the wide variety of information available on **Canada Year Book 1997 on CD-ROM**.

#### **Answers**

**CD-Roam Collector's Sheet:** Since every completed version of the **CD-Roam Collector's Sheet** will be unique, answers cannot be provided!

#### **Alterations and Enrichment Suggestions**

1. Cover to Cover: The scavenger hunt can be completed using **Canada Year Book 1997**. Revise the instructions to refer to the Table of Contents and Index rather than the CD-ROM's **Library** and **Outline** windows.

2. A Contest Within A Contest: Have two teams of players. One team uses **Canada Year Book 1997 on CD-ROM** while the other team uses the print version of **Canada Year Book 1997**. Is the CD-ROM a faster research tool? Why or why not? What are the pros and cons of each?

3. A Word to the Wise: Begin by having the class create a list of 6 to 10 letter words that might appear on a map of Canada. This can shorten the time taken by players when selecting their search word. They could be required to use one of these words as their search word on the **CD-Roam Collector's Sheet**.

4. A Mad Scramble! Allow players to scramble the search word on their **CD-Roam Collector's Sheet** and invite others to decode the word as part of the timed exercise.

5. A Local Look: Use the blank version of the **CD-Roam Collector's Sheet** and reverse the

process. Have students find articles about their own community, province or territory and write descriptions of the content of the article, table, graph, map and/or video. Have others sort the articles into the appropriate chapters, based on the descriptions provided.

### **Selected Further Resources from Statistics Canada**

Statistics Canada maintains a web site at <http://www.statcan.ca>. Of special interest are “Canadian Dimensions”, “The Daily”, “E-STAT” and “What’s New”.

Information on other resources is also available through **Statistics Canada Regional Reference Centres**, as follows:

Halifax	(902) 426-5331 [phone]	(902) 426-9538 [fax]
Montréal	(514) 283-5725 [phone]	(514) 283-9350 [fax]
Ottawa	(613) 951-8116 [phone]	(613) 951-0581 [fax]
Toronto	(416) 973-6586 [phone]	(416) 973-7475 [fax]
Winnipeg	(204) 983-4020 [phone]	(204) 983-7543 [fax]
Regina	(306) 780-5405 [phone]	(306) 780-5403 [fax]
Calgary	(403) 292-6717 [phone]	(403) 292-4958 [fax]
Edmonton	(403) 495-3027 [phone]	(403) 495-5318 [fax]
Vancouver	(604) 666-3691 [phone]	(604) 666-4863 [fax]

or by calling toll-free **1-800-263-1136**.

Materials may also be purchased through the Regional Reference Centres or by calling **1-800-267-6677**.

You are invited to send your comments on the **Canada Year Book 1997 Teachers’ Kit** to Mary J. Rigby, Statistics Canada, Marketing Division, Promotions and Sales Development, R.H. Coats Building 9-D, 120 Parkdale Avenue, Ottawa, Ontario K1A 0T6.

This educational activity has been developed for Statistics Canada by Peter K. MacLeod, Educational Enhancements, 41 Oval Drive, Aylmer, Quebec J9H 1T9 ([pmacleod@magi.com](mailto:pmacleod@magi.com)).



## The CD-Roam Instructions

This scavenger hunt, or **CD-Roam**, will ask you to collect a variety of information found on **Canada Year Book 1997 on CD-ROM**. Once **Canada Year Book 1997 on CD-ROM** is running, refer to the **Toolbar** at the top of the screen and turn on the **Library** window (Books icon) and the **Index** window (Lines icon), if they are not already available.

You will be recording a series of searches on the **CD-Roam Collector's Sheet**. Each search will be determined by the category requested in Column 1: Search No. and Category, and by the letters of the search word you write in Column 2: Search Word. Use the letters of any 6 to 10 letter word (e.g. your name) in the Search Word column. In the sample **CD-Roam Collector's Sheet** below, searches were completed by following Search No. and Category titles 1, 2 and 3 given in Column 1 and by inserting the first 3 letters of the 7-letter Search Word **PENCILS** vertically in Column 2.

CD-Roam Collector's Sheet (Sample)

Search No. and Category	Search Word	Read and describe your selection
1. <b>The Land</b> : Any article from a region of Canada	P	Prairie Harvest: Describes the original natural conditions and modern uses of the land.
2. <b>Legacy of Settlement</b> : Settlement Costs	E	Climate Warming: Tells about the increase in pollutants and their effect on the global climate patterns.
3. <b>Education</b> : Any article in Enrollments	N	Tuition Fees: Describes the rapid increase in tuition fees for higher education.

Search 1: How the article was found to complete Search 1:

In the **Library** window: Click on **The Land** (THE ENVIRONMENT Section);

In the **Outline** window: Click on the Plus “+” button beside **The Land** to see what topics are available;

Click on the Plus “+” button beside **Prairies**, and select Prairie Harvest from the list of articles because the letter “p” is in the title.

Search 2: **Legacy of Settlement** (in the **Library** window);

Settlement Costs (in the **Outline** window) and Climate Warming because there is an “e” in the title.

Search 3: Try to follow the path yourself.

The clock begins when you write your name(s), starting time and search word on the **CD-Roam Collector's Sheet**. Discover how **Canada Year Book 1997 on CD-ROM** is loaded with information! Don't forget to answer the **Tie Breaker** question. Have fun ... and good luck!



## CD-Roam Collector's Sheet

Name(s): \_\_\_\_\_ Starting time: \_\_\_\_\_

Search No. and Category	Search Word	Read and describe your selection
1. <b>The Population:</b> Any topic on Population Growth		
2. <b>Arts and Leisure:</b> Any Chart		
3. <b>Health:</b> A Lifestyle Trend		
4. <b>The Land:</b> Any Supplement		
5. <b>The Legacy of Settlement:</b> Any Table		
6. <b>Education:</b> Any Supplement		
7. <b>Economic Growth and Conditions:</b> Any Table		
8. <b>Manufacturing and Construction:</b> Any Manufacturing Item		
9. <b>Communications, Transport and Trade:</b> Any Transport Item		
10. <b>Primary Industries:</b> Any Agriculture Article		
11. <b>Any Video</b>	No Letter Needed	Title: _____ Main idea: _____
12. <b>Any Map</b>	No Letter Needed	Title: _____ Main idea: _____
13. <b>"O Canada" Lyrics:</b> Write one line describing your part of Canada	No Letter Needed	

Finishing time: \_\_\_\_\_ Total time required: \_\_\_\_\_

**Tie Breaker:** Name a) one member of the Statistics Canada Choir and b) the designer of Canada's new Arms of Canada:

**Answer:** a) \_\_\_\_\_ and b) \_\_\_\_\_  
(Hint: Use the Search system **Binoculars** icon)





## CD-Roam Collector's Sheet

(Blank version for local use)

Name(s): \_\_\_\_\_ Starting time: \_\_\_\_\_

Search No. and Category	Search Word	Read and describe your selection
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		

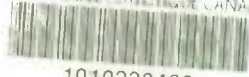
Finishing time: \_\_\_\_\_ Total time required: \_\_\_\_\_

Tie Breaker Question : \_\_\_\_\_

Answer: \_\_\_\_\_



STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010228498

005

