





# **Blackline Masters**

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Scientific Inquiry Recording Sheet: Grades 1 and 2

What is the question? \_\_\_\_\_

What do I think? \_\_\_\_\_

|  |   |
|--|---|
|  <p>What I used</p>       | <p>What I did</p>          |
|  <p>What I observed</p> | <p>What I found out</p>  |

**Scientific Inquiry Recording Sheet: Grades 3 and 4**

**Question:**

**Prediction:**

**Materials/Tools:**

**Procedure:  
(steps followed)**

**Observation:**

**Conclusion:**

**Next:**

# Design Process Recording Sheet: Grades 1 and 2

**Problem:**

**My Plan:**

**What I Need (Materials/Tools):**

**Reflection:**

**1. Two things I did well:**



\_\_\_\_\_



\_\_\_\_\_

**2. Next time:** \_\_\_\_\_

\_\_\_\_\_

# Design Process Recording Sheet: Grades 3 and 4

|   |                 |                            |
|---|-----------------|----------------------------|
| <p>What I (we) already know:</p> <p>What I (we) still need to find out:</p> | <p>Problem:</p> | <p>Possible solutions:</p> |
| <p>Criteria:</p>  | <p>Plan:</p>    |                            |

# Design Process Recording Sheet: Grades 3 and 4

|                          |  |
|--------------------------|--|
| <p>Materials/Tools:</p>  | <p><b>Testing My Object/Device</b></p> <p>What worked:</p><br><br><br><br><p>What didn't work:</p>   |
| <p>Improvement plan:</p> | <p><b>Design Process Reflection</b></p> <p>What I did well _____</p> <p>_____</p> <p>_____</p> <p>Next time I would (What I need to change) _____</p> <p>_____</p> <p>_____</p> <p>Comments _____</p> <p>_____</p> |

**BLM 5****How I Worked In My Group\***

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Task: \_\_\_\_\_

|                          | <b>Comments</b> |
|--------------------------|-----------------|
| I took turns.            |                 |
| I participated.          |                 |
| I encouraged others.     |                 |
| I shared materials.      |                 |
| I stayed with my group.  |                 |
| I listened.              |                 |
| I accomplished the task. |                 |

\*Source: "Assessment Masters: Group Work," in *Kindergarten to Grade 4 Mathematics: A Foundation for Implementation*. Renewing Education: New Directions series. Winnipeg, MB: Manitoba Education and Training, 1996.

## How We Worked Together\*

**BLM 6**




Name: \_\_\_\_\_

Date: \_\_\_\_\_

Task: \_\_\_\_\_

Group Members:

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

|                              | <br>Yes | <br>Sometimes | <br>No |
|------------------------------|--|--|---|
| Everyone participated.       |  |  |   |
| We listened to each other.   |  |  |   |
| We encouraged each other.    |  |  |   |
| We took turns sharing ideas. |  |  |   |
| The group stayed together.   |  |  |   |
| We accomplished our task.    |  |  |   |

\*Source: "Assessment Masters: How We Worked Together," in *Kindergarten to Grade 4 Mathematics: A Foundation for Implementation*. Renewing Education: New Directions series. Winnipeg, MB: Manitoba Education and Training, 1996.



**Student Observation Record\***  
**Individual/Group Activity**

| <b>Student:</b> | <b>Date:</b> | <b>Student:</b> | <b>Date:</b> |
|-----------------|--------------|-----------------|--------------|
|                 |              |                 |              |
| <b>Student:</b> | <b>Date:</b> | <b>Student:</b> | <b>Date:</b> |
|                 |              |                 |              |
| <b>Student:</b> | <b>Date:</b> | <b>Student:</b> | <b>Date:</b> |
|                 |              |                 |              |

\*Source: "Assessment Masters: Student Observation Record," in *Kindergarten to Grade 4 Mathematics: A Foundation for Implementation*. Renewing Education: New Directions series. Winnipeg, MB: Manitoba Education and Training, 1996.

### Student Evaluation Sheet\*

Topic: \_\_\_\_\_

Date: \_\_\_\_\_

Criteria: \_\_\_\_\_  
\_\_\_\_\_

| Name | Comments | Action/Need |
|------|----------|-------------|
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\*Source: "Assessment Masters: Student Evaluation Sheet," in *Kindergarten to Grade 4 Mathematics: A Foundation for Implementation*. Renewing Directions series. Winnipeg, MB: Manitoba Education and Training, 1996.

**BLM 9**

# Checklist\*

| Students' names |  |  |  |  |  | Comments |
|-----------------|--|--|--|--|--|----------|
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|                 |  |  |  |  |  |          |
|                 |  |  |  |  |  |          |

\*Source: "Assessment Masters: Checklist," in *Kindergarten to Grade 4 Mathematics: A Foundation for Implementation*. New Directions series. Winnipeg, MB: Manitoba Education and Training, 1996.

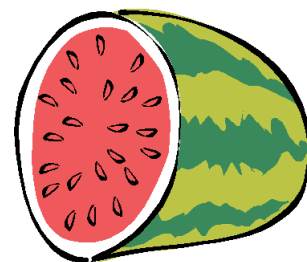
# Food Sorting Cards



Banana



Watermelon



Steak



Sausage



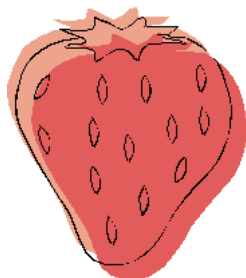
Apple



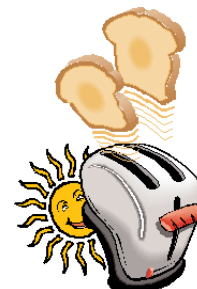
French Fries



Corn

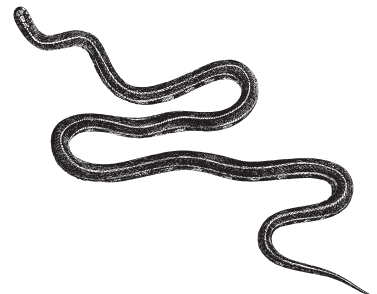
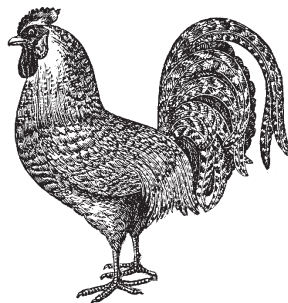
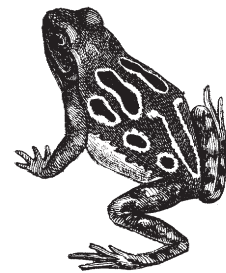
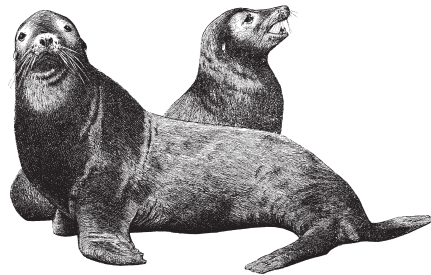
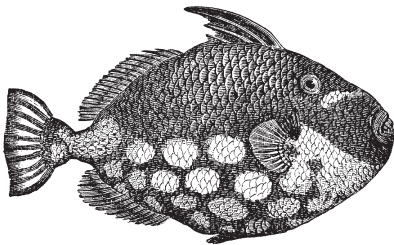
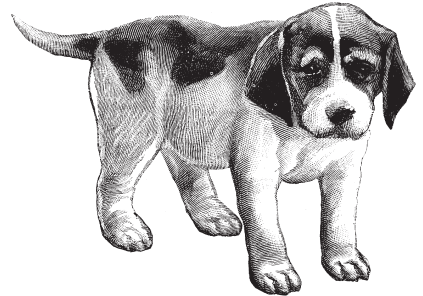
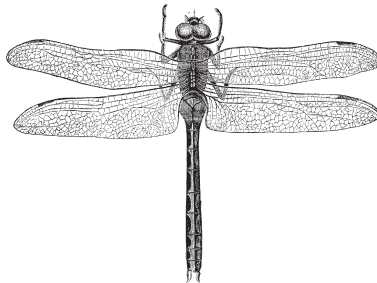
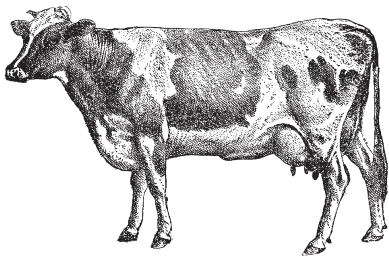
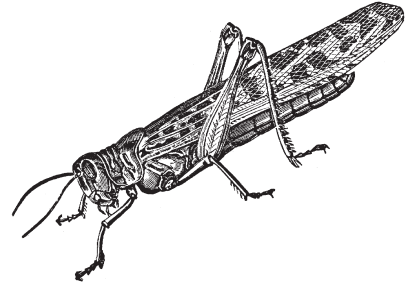
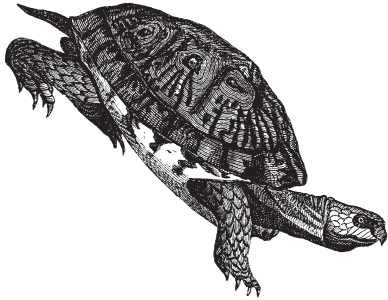


Strawberry






Toast

# Animal Sorting Cards

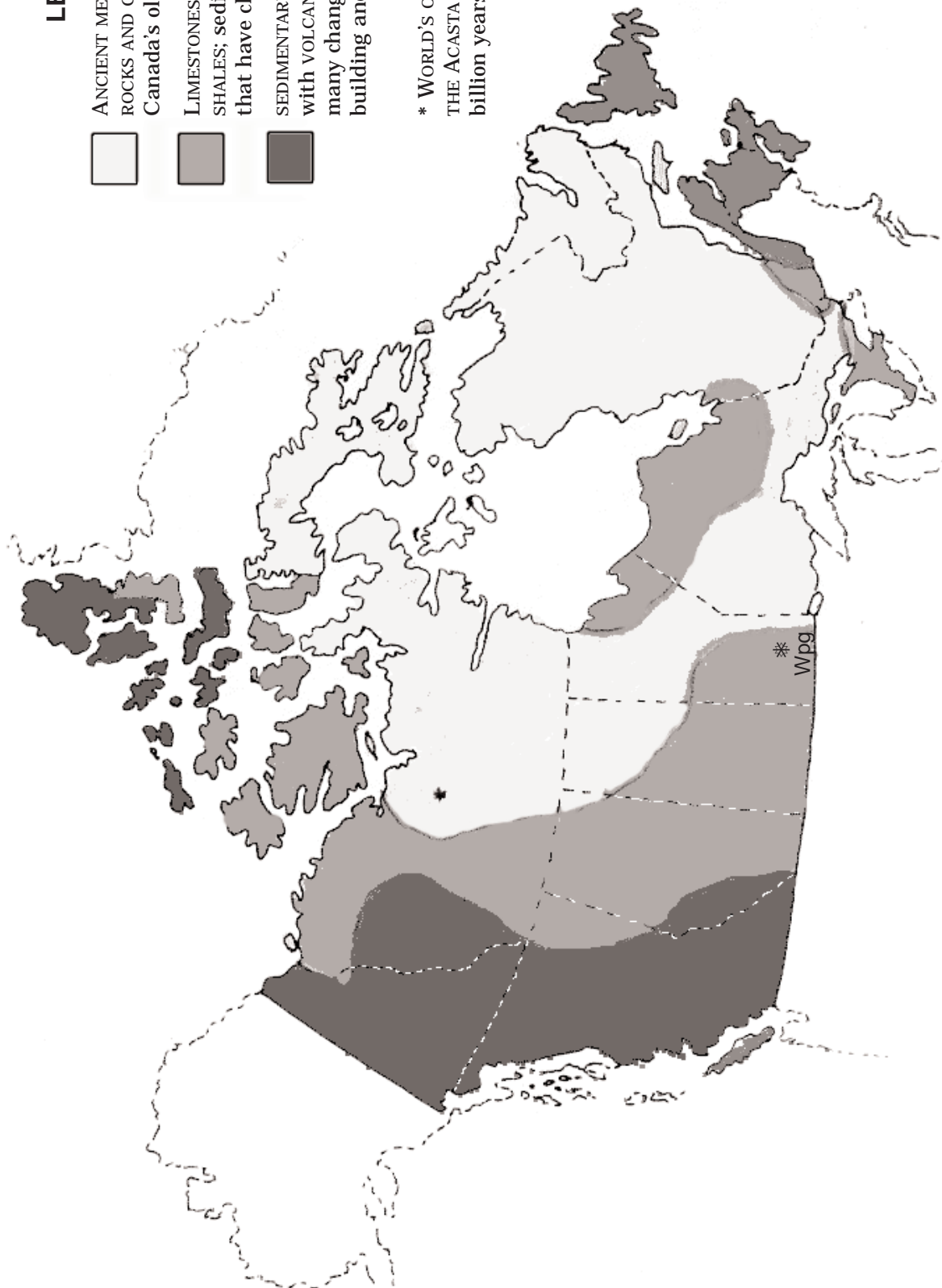


# Geological Map of Canada

## LEGEND

-  ANCIENT METAMORPHIC ROCKS AND GRANITE; Canada's oldest surface
-  LIMESTONES, SANDSTONES, SHALES; sedimentary rocks that have changed very little
-  SEDIMENTARY ROCKS mixed with VOLCANIC IGNEOUS ROCKS; many changed by mountain-building and metamorphism

\* WORLD'S OLDEST ROCKS — THE ACASTA GNEISS (almost 4 billion years old!)



# Geological Map of Canada: Student Version

## LEGEND

1

ANCIENT METAMORPHIC  
ROCKS AND GRANITE;  
Canada's oldest surface.

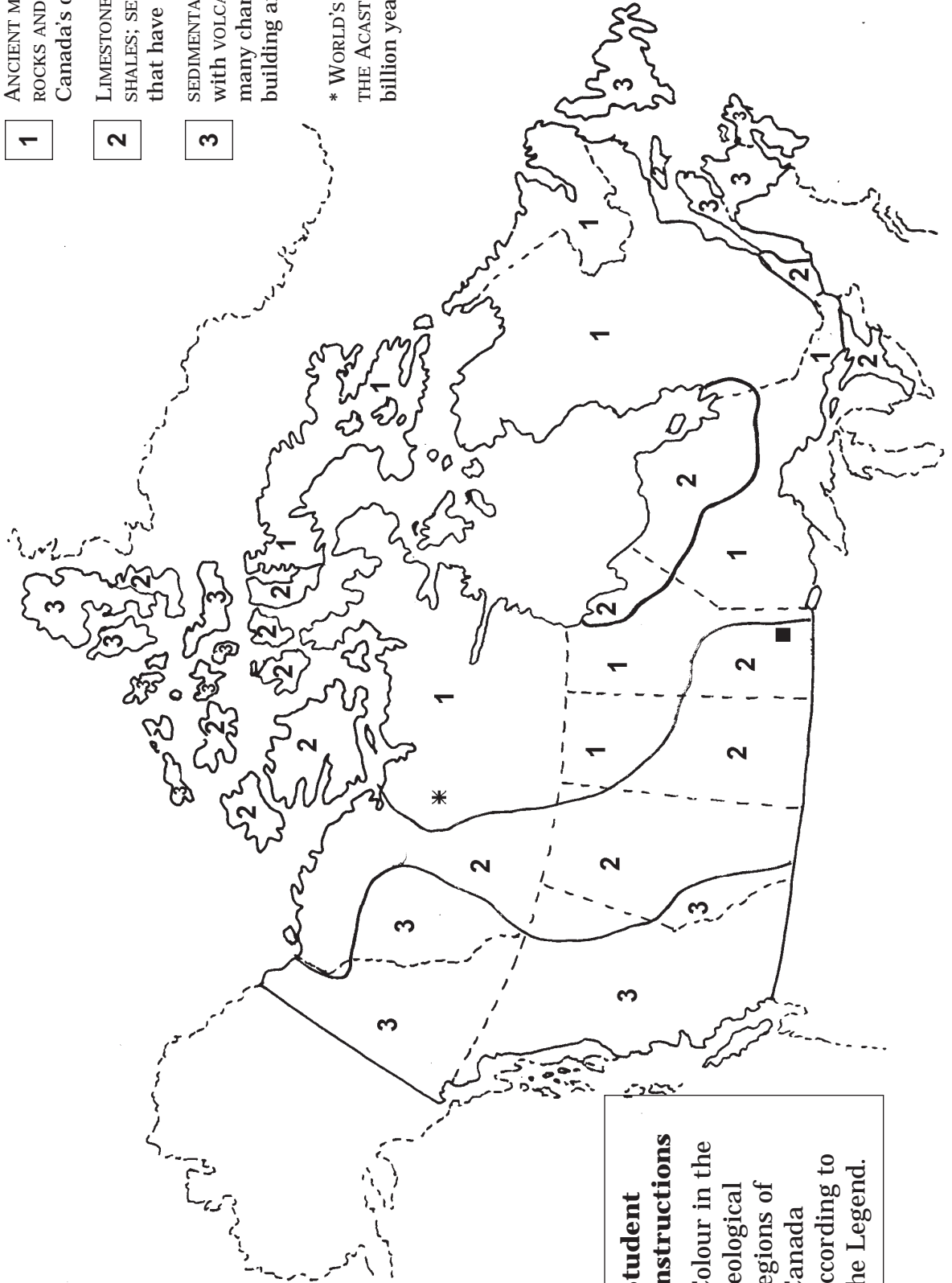
2

LIMESTONES, SANDSTONES,  
SHALES; SEDIMENTARY ROCKS  
that have changed very little.

3

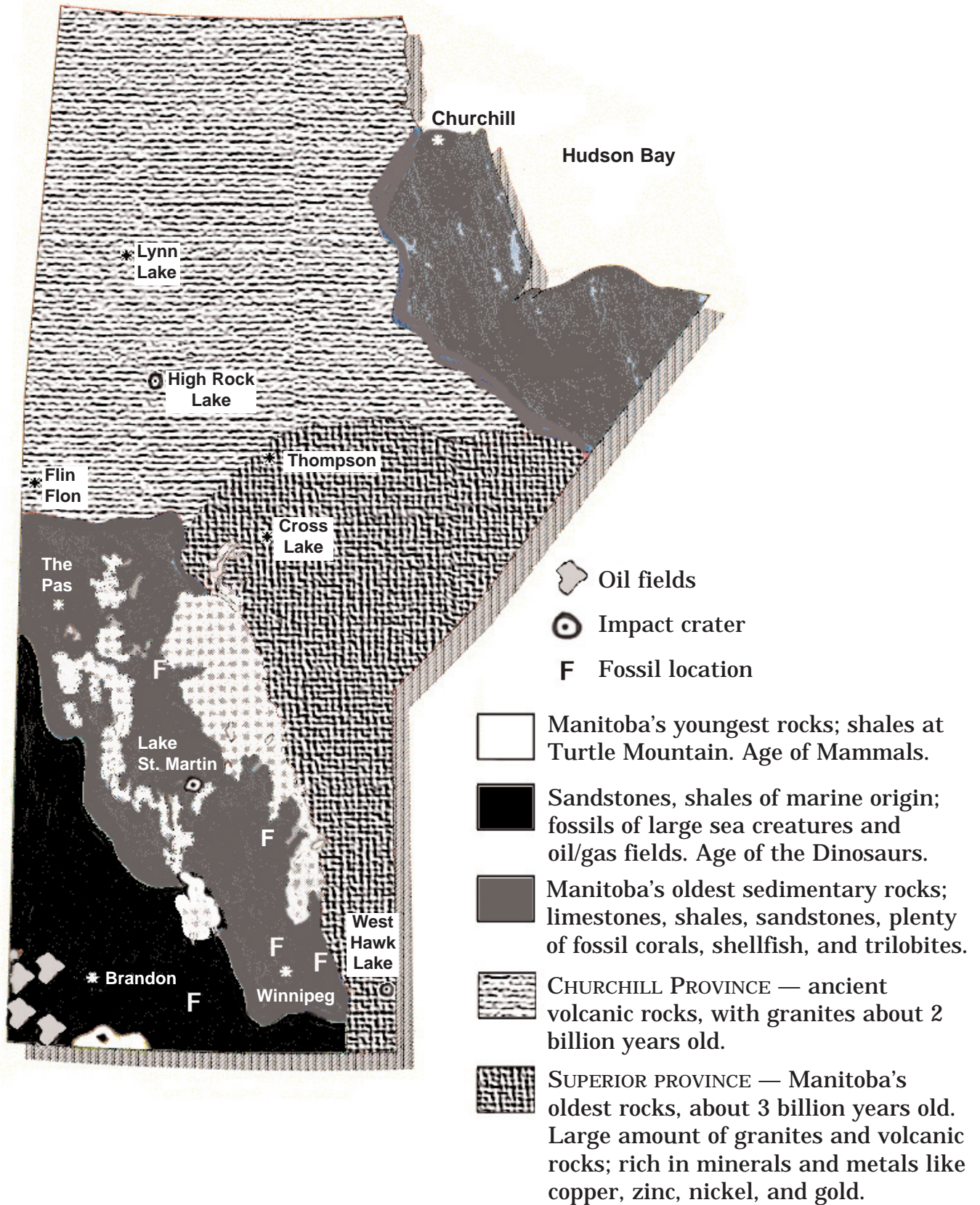
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\* WORLD'S OLDEST ROCKS —  
THE ACASTA GNEISS (almost 4  
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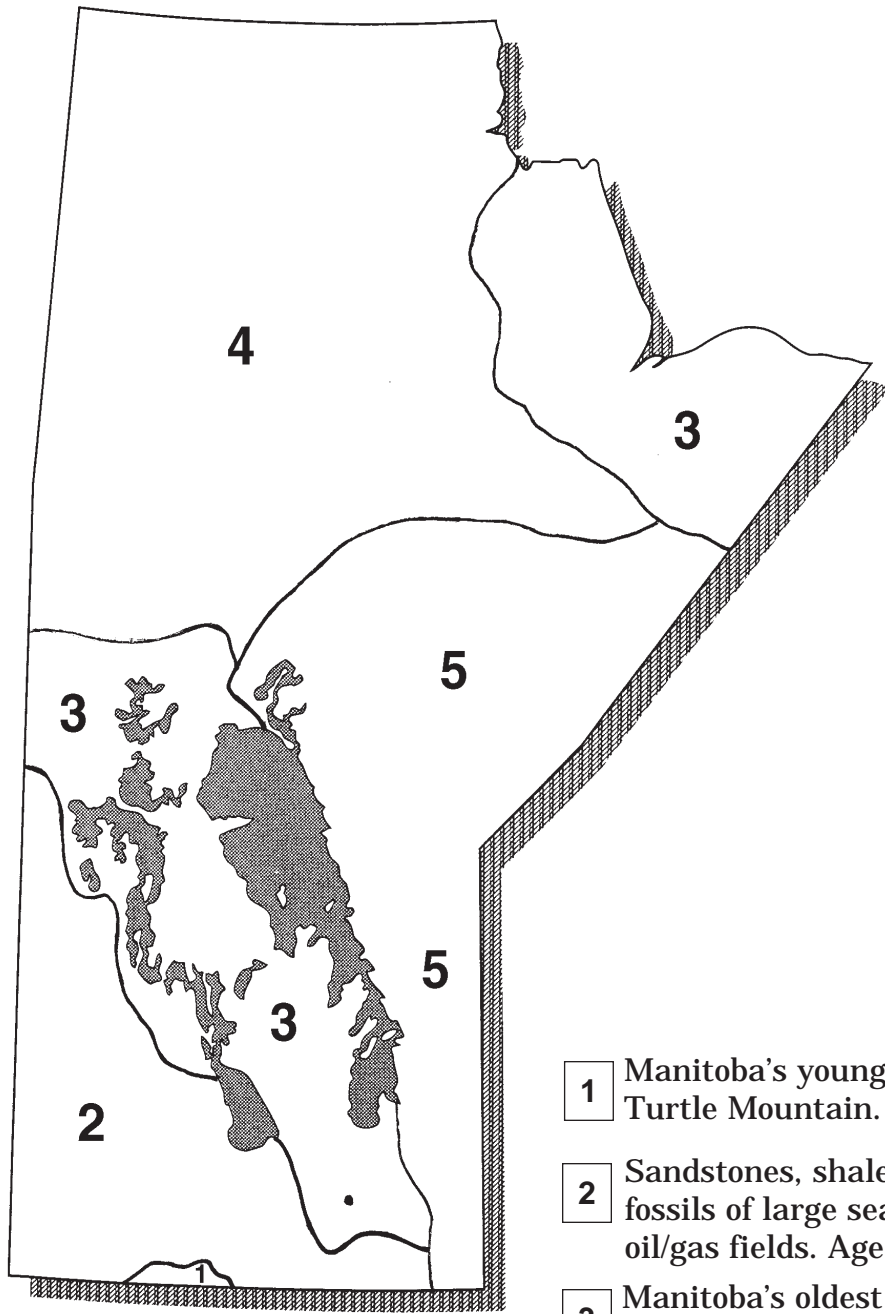
**Student Instructions**  
Colour in the geological regions of Canada according to the Legend.

# Geological Map of Manitoba





## Geological Map of Manitoba: Student Version



**Student Instructions**  
 Colour in the geological regions of Canada according to the Legend.

- 1 Manitoba's youngest rocks; shales at Turtle Mountain. Age of Mammals.
- 2 Sandstones, shales of marine origin; fossils of large sea creatures and oil/gas fields. Age of the Dinosaurs.
- 3 Manitoba's oldest sedimentary rocks; limestones, shales, sandstones, plenty of fossil corals, shellfish, and trilobites.
- 4 CHURCHILL PROVINCE — ancient volcanic rocks with granites about 2 billion years old.
- 5 SUPERIOR PROVINCE — Manitoba's oldest rocks, about 3 billion years old. Large amount of granites and volcanic rocks; rich in minerals and metals like copper, zinc, nickel, and gold.