

Canada: Scientific Investigation Worksheet

Name: _____ Date: _____ Class: _____

PART 1: SCIENTIFIC PHENOMENON OBSERVATION

Lesson 1 Big Idea Canada is a huge country with a northerly location, cold climates, and rich resources. Main Ideas •A huge country, Canada has a wide variety of physical features, including rugged mountains, plains, and swamps.

I notice:

I wonder:

HUMAN GEOGRAPHY SYSTEMS

Label each description with the correct human geography system: Urban, Cultural, Economic, Political, or Infrastructure.

1. _____ Major cities in Canada
2. _____ Languages spoken in Canada
3. _____ Economic activities in Canada
4. _____ Political boundaries in Canada
5. _____ Transportation networks in Canada
6. _____ Religious practices in Canada
7. _____ Agricultural patterns in Canada
8. _____ Historical settlements in Canada

PART 3: DATA COLLECTION & ANALYSIS

Collect data about the geographic features of Canada using the table below.

Feature	Observations	Significance
Climate		
Landforms		
Water Features		
Vegetation		

Analysis Questions:

1. What patterns do you notice in the data? _____

2. How do these features interact with each other? _____

3. What might explain these geographic patterns? _____

PART 4: MODEL DEVELOPMENT

Create a model showing how the geographic features of Canada interact. Label each feature and draw arrows showing the interactions.

Draw your model in this space

Model Key:

Arrow direction shows: _____

Dotted lines represent: _____

PART 5: SCIENTIFIC EXPLANATION

Using your model and what you've learned about Canada, explain how the geographic features of this region influence human settlement and activities.

PART 6: REFLECTION

Complete the following sentences:

My model shows _____ about Canada because:

One way humans have adapted to the geography of Canada is:

