North America: Scientific Investigation Worksheet

Name: _____ Date: _____ Class: _____

PART 1: SCIENTIFIC PHENOMENON OBSERVATION

North America spans multiple climate zones, from Arctic in the north to tropical in the south. The continent's climate is influenced by ocean currents, mountain ranges, and prevailing winds, creating diverse regional weather patterns and seasonal variations.

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 North America

2. _____ Languages spoken in North America

3. _____ Economic activities in North America

4. _____ Political boundaries in North America

5. _____ Transportation networks in North America

6. _____ Indigenous cultures in North America

7. _____ Agricultural patterns in North America

8. _____ Historical settlements in North America

PART 3: DATA COLLECTION & ANALYSIS

Collect data about the geographic features of North America 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 North America 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 North America, explain how the geographic features of this region influence human settlement and activities.

_____

_____

_____

_____

_____

PART 6: REFLECTION

Complete the following sentences:

My model shows _____ about North America because:

_____

_____

One way humans have adapted to the geography of North America is:

_____

_____

_____