Economics: Scientific Investigation Worksheet

Name: _____ Date: _____ Class: _____

PART 1: SCIENTIFIC PHENOMENON OBSERVATION

For exam- ple, a town in a mountain ski area might determine the opportunity cost of regulations to preserve land versus the rights of property owners to develop it for tourism. Then, it must make tradeoffs.

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 Economics

2. _____ Languages spoken in Economics

3. _____ Economic activities in Economics

4. _____ Political boundaries in Economics

5. _____ Transportation networks in Economics

6. _____ Religious practices in Economics

7. _____ Agricultural patterns in Economics

8. _____ Historical settlements in Economics

PART 3: DATA COLLECTION & ANALYSIS

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

PART 6: REFLECTION

Complete the following sentences:

My model shows _____ about Economics because:

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