

North Africa: Scientific Investigation Worksheet

Name: _____ Date: _____ Class: _____

PART 1: SCIENTIFIC PHENOMENON OBSERVATION

The climate of North Africa is hot and dry, and water is the region’s most important resource.

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

PART 3: DATA COLLECTION & ANALYSIS

Collect data about the geographic features of North Africa 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 Africa 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 Africa, 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 Africa because:

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

