

East And Southern Africa: Scientific Investigation Worksheet

Name: _____ Date: _____ Class: _____

PART 1: SCIENTIFIC PHENOMENON OBSERVATION

Lesson 1 Big Idea Rift valleys, plateaus, grassy plains, and diverse climate and vegetation types shape life in East and Southern Africa. Main Ideas •East and Southern Africa’s physical features range from rift valleys to sweeping plateaus.

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

PART 3: DATA COLLECTION & ANALYSIS

Collect data about the geographic features of East And Southern 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 East And Southern 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 East And Southern 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 East And Southern Africa because:

One way humans have adapted to the geography of East And Southern Africa is:

