



Rivers

Gold

These Gold questions require explaining river processes and their human impact with genuine reasoning.

Name: _____ Date: _____

Section A: River Processes Reasoning

1. Explain why a river erodes land differently near its source compared to near its mouth.

2. Explain the water cycle in full, including evaporation, condensation, precipitation, and collection.

3. Why might a river's speed and power change along its course, and what effect does this have on the landscape?

4. Explain why river deltas form where rivers meet the sea.

5. Compare the River Thames and a mountain stream - how might their characteristics differ?

Section B: Rivers & Human Impact

1. Explain why so many of the world's major cities are built on rivers.

2. Evaluate the advantages and disadvantages of building a dam on a river.

3. Explain how river pollution from one area can affect communities much further downstream.

4. Why might climate change affect river flooding patterns in the future?

5. Explain how understanding a river's behaviour helps engineers manage flood risk for nearby towns.

