

Ecosystems & Habitats

Name:

Date:

INQUIRY

The Yangtze River runs through Nanjing. Is the river in the city the same ecosystem as the river in the countryside?

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Ecosystem	Biotic + abiotic factors interacting.
Biome	Large-scale ecosystem: rainforest, desert, tundra, etc.
Niche	An organism's role in its ecosystem.

Part A — Concepts

1. Define ecosystem, community, and niche. How are they related? [3 marks]

2. Name 5 abiotic factors and explain how EACH affects organisms in the Yangtze River. [5 marks]

Part B — Sampling

3. Design a method to compare biodiversity between two habitats at NIS. Include equipment, method, and how to present results. [4 marks]