GRADE 6 SCIENCE

Space Exploration

Name: Date:

INQUIRY

China has a space station (Tiangong), Korea launched its own rocket (KSLV-II), and Germany contributes to ESA. Is space exploration worth it?

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Satellite	Object orbiting a planet (natural or artificial).
Space probe	Unmanned spacecraft sent to explore.
Space station	Habitable structure orbiting Earth.

Part A — Knowledge

1. Name 3 benefits of space exploration for everyday life. [3 marks]

2. Compare China's Tiangong with the International Space Station: give 2 similarities and 2 differences. [4 marks]

Part B — Debate

3. Some say space money should be spent on problems on Earth. Others say space exploration drives innovation. Write arguments for BOTH sides (2 points each). [4 marks]