

Audrey Math - Stage 6

SPACE AND PROBLEM SOLVING

Education Bureau Guidelines

Space & Problem Solving

- Spatial orientation in Hong Kong
- Navigation and direction concepts
- Problem-solving strategies
- Critical thinking development

Learning Objectives

- Understand spatial relationships
- Navigate using directions
- Solve spatial problems
- Apply problem-solving to Hong Kong contexts

Stage 6 Activities

Hong Kong-Themed Activities

1. Hong Kong Maze Navigation
Materials: Maze sheets, pencils
Duration: 20-25 mins
2. Direction Game
Materials: Compass, maps
Duration: 15-20 mins
3. Problem-Solving Puzzles
Materials: Puzzle pieces, pictures
Duration: 18-22 mins

EDB Learning Principles

- Game-based learning approach
- Balanced development focus
- Play-based exploration
- Positive attitude building
- Whole-child approach

Stage 6 Visual Exercises

Stage 6 Visual Exercises

Solve Hong Kong navigation problems:

- How to get from Central to Causeway Bay?
- What's inside/outside the MTR station?
- Which way is up/down in a building?

Parent Tips

- Praise effort over accuracy
- Make learning fun and playful
- Use Hong Kong daily life examples
- Encourage exploration and curiosity
- Celebrate small achievements