

MODEL SESSION PLAN

Topic: world map, addition and subtraction

Subject: Geographic + Mathematics

Student's age: 10-12

Duration of session: 60 minutes

Objectives



- how to use a world map
- addition and subtraction
- thinking skills and problem-solving

Material/resources



- Mathkind webpage: Asia/Bangladesh, The Floating Schoolhouse
- world map or globe
- pencil and paper
- concrete tools to support addition, such as multilink cubes, sticks, beads, etc



Description of the lesson

Introduction

(10 minutes)

- Start by asking how did you go to school today.
- Ask: Can you imagine going to school on a boat or study in the boat?
- Read the story: Floating Schoolhouse
- Show pictures of the school from the slideshow and www.shidhulai.org

Map activity

(20 minutes)

- Ask the student to find Bangladesh from the map:
 - In what continent is it?
 - What are its neighboring countries?
- Compare the size of your country to Bangladesh in www.truesize.com
- Give the student an opportunity to share his prior knowledge:
 - Have you visited Asia?

Math activity

(25 minutes)

- Use the slideshow: Schoolhouse capacity
- Do the activities from slides 9-11
 - Give the student possibility to use concrete tools or make a drawing of his solutions

Reflection

(5 minutes)

- What did you learn?
- What do you think about studying in a boat?

Tips:

- From Math Resources you find and extra activity: Multiplication (Grades 4–5)
- Give some time for creativity! Student could create his own boat

