

# **TEACHER GUIDE**

## **Steps of Learning Activities**

### **a. Introduction (10 Minutes)**

Teacher checks attendance of students

#### **Apperception :**

Shows pictures about trapezoid in daily life, then gives some question in order to explore student knowledge about trapezoid. Therefore, teacher reminds student about the broad concept of triangle, rectangular, and the properties of trapezoid that has been studied previously.

#### **Motivation :**

Gives motivation about the importance of trapezoid and explain in daily life

#### **Goal :**

Informing students about the learning objectives

### **b. Main Activities (60 Minutes)**

#### **Exploration :**

1. Dividing students into some groups
2. Giving student worksheet
3. Teacher tell about Wajik cake (Context), and ask the student about how does cut the wajik cake in two same part. Base on the following picture. (Problem 1)
4. Ask the student to give method to divide the wajik cake in to same part.
5. Guiding the group which is do not understand with the problem in the worksheet
6. Group discussion
7. Choose a group to present their work in front of the class
8. Giving chance for another group to ask about the problem in the worksheet

#### **Elaboration :**

1. Break all group into normal class
2. Guides student with some question to explore mathematics concept about area and perimeter from trapezoid

**Confirmation :**

1. Teachers provide confirmation of the students' answers and to reflect together
2. Do dialogue to make clear students understanding and give feed-back

**c. Closing (10 minutes)**

1. Guides students to make reflection what they have studied
2. Giving individual test