

**WHAT 0757478868 RATIONALIZED 2026 T123 SCHEME OF
WORK LESSON**

**PLANS, RECORD OF WORK, LATEST EXAM SERIES TERM 3
JESMA,**

**COMPASS , SIGNAL ETC 2026 GRADE 8 RATIONALISED
AGRICULTURE AND NUTRITION LESSON PLANS - TERM 3**

2026 GRADE 9 RATIONALIZED MATHEMATICS LESSON PLANS - TERM 3

WEEK 1

Lesson 1

SCHOOL	LEARNING AREA	GRADE	ROLL	TIME
<i>(Your School)</i>	Mathematics	9	<i>(Class Roll)</i>	<i>(Time)</i>

STRAND: GEOMETRY **SUB-STRAND:** Similarity and Enlargement -
Similar figures and properties **SPECIFIC LEARNING OUTCOMES:** By the
end of the lesson, the learner should be able to:

- Identify similar figures and their properties.
- Measure corresponding sides and angles of similar figures.

- Appreciate the concept of similarity in real-life objects. **KEY INQUIRY QUESTION(S):** What makes two figures similar?
- LEARNING RESOURCES:**
- KLB Mathematics Grade 9 Textbook (pg. 203)
- Ruler, Protractor, Cut-out shapes
- Charts showing similar figures, Manila paper
- ORGANISATION OF LEARNING:** Learners will work in pairs and small groups to measure and compare figures.

INTRODUCTION

The teacher will display various objects and shapes (some similar, some not) and ask learners to group them based on their appearance, leading to a discussion on the meaning of "similar."

LESSON DEVELOPMENT

Learners are guided in pairs or groups to:

- **STEP 1:** Study diagrams of similar cross-sections provided on a chart or in the textbook.
- **STEP 2:** Use a ruler to carefully measure the lengths of corresponding sides of the similar figures.
- **STEP 3:** Calculate the ratio of the corresponding sides (e.g., side A of shape 1 / side A of shape 2). They will observe that this ratio is constant.
- **STEP 4:** Use a protractor to measure the corresponding angles of the figures and discover that the angles are equal.

CONCLUSION

The teacher will summarize the two main properties of similar figures: corresponding angles are equal, and the ratio of corresponding sides is constant. Oral questions will be used to check for understanding.

EXTENDED ACTIVITIES

Learners to find and list five pairs of objects at home or in the school environment that appear to be similar.

REFLECTION ON THE LESSON

.....

