

SCHOOL	LEARNING AREA	GRADE	DATE	TIME	ROLL
	SCIENCE AND TECH	7			

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WHAT

0751721132

2026

Rationalized

Scheme of

Work, notes,

lesson plan

Exam latest

jesma, signal etc

2026 RATIONALIZED WEEK 1

STRAND: MIXTURE, ELEMENTS AND COMPOUNDS

SUB STRAND: CLASSIFICATION OF MIXTURES

SPECIFIC LEARNING OUTCOMES: by the end of the lesson, the learner should be able to:

- Differentiate between a homogenous and a heterogeneous mixture
- Classify mixtures as either homogenous and a heterogeneous mixture
- Enjoy conducting the experiment.

KEY INQUIRY QUESTION (S)

- How do you classify different types of mixtures?
- What should be considered when separating various mixtures?

LEARNING RESOURCES

Realia/Charts /hotographs/Pictures/Digital devices

Active Integrated Science GRADE 7 LEARNERS BK. PG. 63

ORGANISATION OF LEARNING

Learning will take place in an actual classroom. Learners will work individually, in pairs and small groups

INTRODUCTION

Review the previous lesson

Ask them what you get when u put maize and beans together, similarly when put sugar in water and stir.

Guide then to explain the meaning of mixture

LESSON DEVELOPMENT

STEP 1

In pairs, guide the learners to find the meaning of the terms “homogeneous and heterogeneous” by searching in the dictionary and on the internet

- Group work enhances **social cohesion**

STEP 2

Provide the materials required and guide each group to classify the mixture as either homogenous and a heterogeneous

Let them copy table 2.1 in the learner’s book page 65 and complete it

STEP 3

Ask them to discuss the questions that come after the activity

STEP 4

Refer to the key points on page 65 of the learner’s book and elaborate on the difference between the two types of mixtures

Ask learners to correct any mistakes th3y had made when classifying the mixtures

Teacher to explain the content in table 2.2 on page 65 of the learner’s book as the learners listen

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