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FREE LEARNING NOTES FOR ZAMBIA

GRADE 2 · TERM 2

Science

Chemical Labels

Lesson notes for learners · Competence-Based Curriculum

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Soap, bleach, medicine and cleaning liquids are useful at home. They can also hurt us if we use them wrongly. A label on the container tells us how to use the product safely. In this note you will learn what labels tell us.

AFTER THESE NOTES YOU SHOULD BE ABLE TO

- Say what a chemical label is
- Say what information a label gives
- Understand warning words and signs
- Say why we must check labels before using a chemical

KEY WORDS

Label	A sign or sticker on a product that gives information about what is inside.
Warning sign	A picture or word that tells us a chemical can be dangerous.
Instructions	How to use the chemical safely.

1 What a label tells us

A chemical label is a sign or sticker on a product. It tells us important information about the chemical inside and helps us use it safely.

A label gives the name of the chemical, which tells us what the product is. It gives the purpose, such as cleaning, cooking or gardening. It gives warning signs and instructions for use.

On the label	What it tells us
Name	What the product is
Purpose	What it is used for
Warning signs	If it can burn, poison or make us sick
Instructions	How to use it safely

Figure 1. What we find on a label

2 Warning words, colours and signs

Labels use words and colours to warn us. Words such as danger, keep away and poison tell us to take care. Red can show danger. Some labels say not for consumption.

Signs also show danger. A hand showing stop and a picture with a cross are examples.

Feel containers with raised marks or Braille labels. Listen when a label is read aloud.

3 Using labels safely

Always check or ask about the label before using any household chemical. We must not touch or taste chemicals without guidance.

Labels help us protect ourselves and other people.

TRY THIS

At home, ask an adult to show you the labels on three containers. Tell your class what each label says and what the warning means.

REMEMBER

- A chemical label gives information about the chemical in a container
- A label shows the name, the purpose, warning signs and instructions
- Words, colours and signs warn us of danger
- Check or ask about a label before using a chemical
- Do not touch or taste chemicals without guidance

? Check yourself

1. What is a chemical label.
2. Name two things a label tells us.
3. What do danger words and red colour tell us.
4. What must we do before using a household chemical.

5. Mulenga holds a bottle with raised marks and the word poison on its label. A friend wants to taste it. (a) What does the word poison tell us. (b) Should they taste it. (c) What should they do.
6. Chanda finds a bottle of cleaning liquid at school. A hand sign showing stop is on its label. She is not sure what to do. (a) What does the stop hand mean. (b) Should she use it without help. (c) What can she learn from the label.

ANSWERS

1. A sign or sticker that gives information about the chemical inside.
2. Any two of the name, the purpose, warning signs and instructions.
3. That the chemical is dangerous.
4. Check or ask about the label.
5. (a) It is dangerous. (b) No. (c) Ask an adult and read the label.
6. (a) Danger. (b) No. (c) How to use it safely.

Written by 25Schools to follow the Grade 2 Science syllabus of the Zambian competence-based curriculum. Free for learners to read, download and share. More notes and quizzes at 25schools.com.