

Chapter 10 : The Wisdom Of Handspan - Ancient Measuring Tools

Curricular Goal :

CG-1: Explores the world of matter, and its constituents, properties, and behaviour.

CG-7: Communicates questions, observations, and conclusions related to science.

Competencies :

C-1.3: Explains the importance of measurement and measures physical properties of matter in indigenous and standard units using simple instruments.

C-7.3: Represents real-world events and relationships through diagrams and simple mathematical representations.

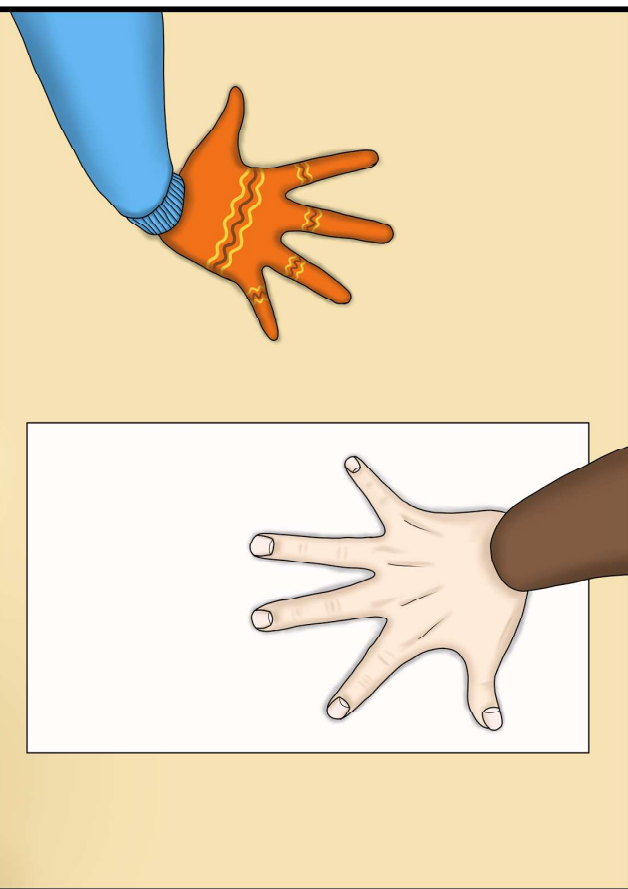
Learning Outcomes :

1. Identify indigenous units of measuring length (hand span, string, khudup, finger width, etc.), weight (thumok, shangbai, likhai, laitang, meruk, etc.), volume (handful/khujok ama, tablespoon, teaspoon, cup), and the measurement of gold like chaning, san and mohor and standard units of measurement such as litres, grams, Celsius and kilograms.
2. Demonstrate the ability to measure physical properties of matter using indigenous and standard units of measurement (such as ruler, measuring tape, measuring cup, dropper, dosing cup, digital weighing machine, etc)
3. Explain the relationship between non-standard/indigenous and standard units of measurement through simple mathematical terms.

STORY 10: THE WISDOM OF HANDSPAN - ANCIENT MEASURING TOOLS





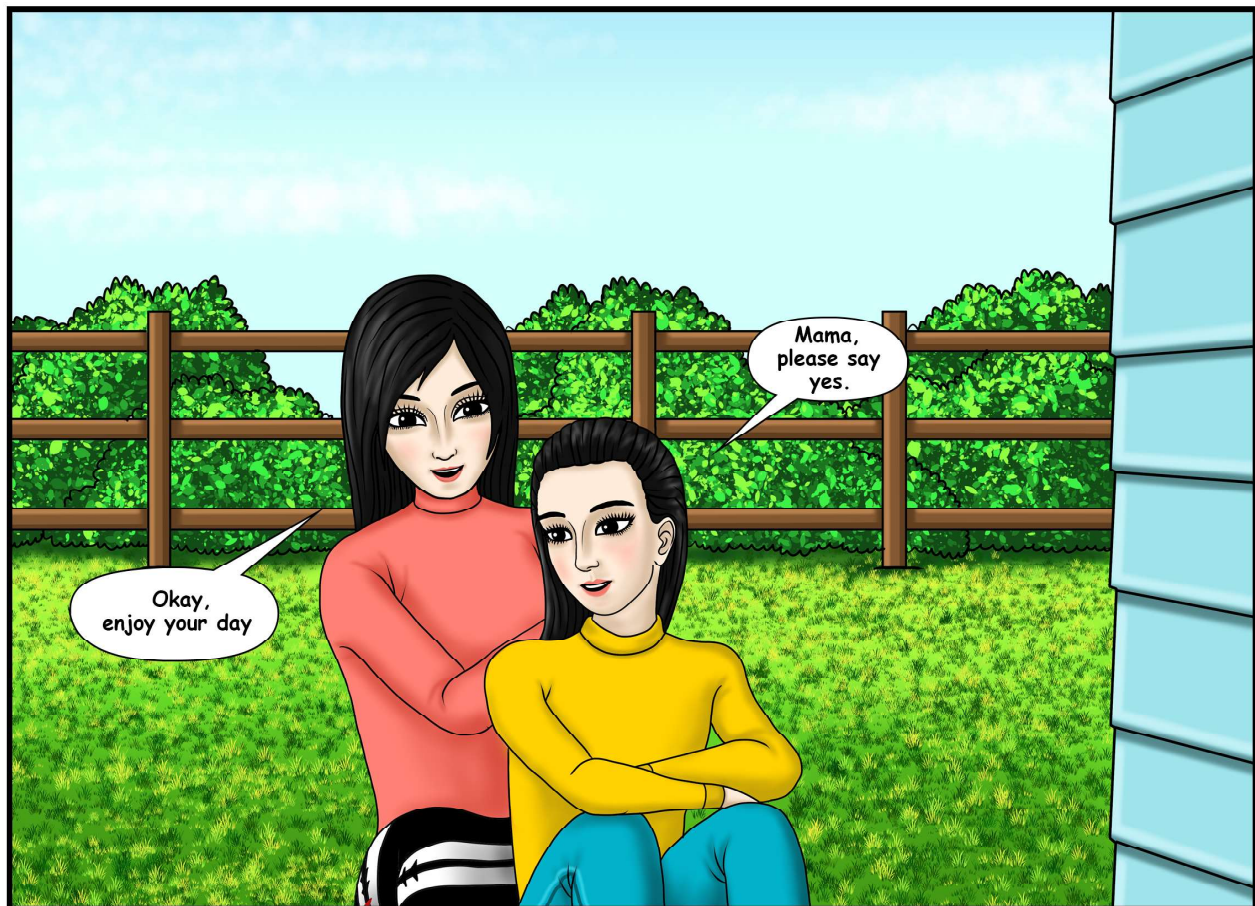




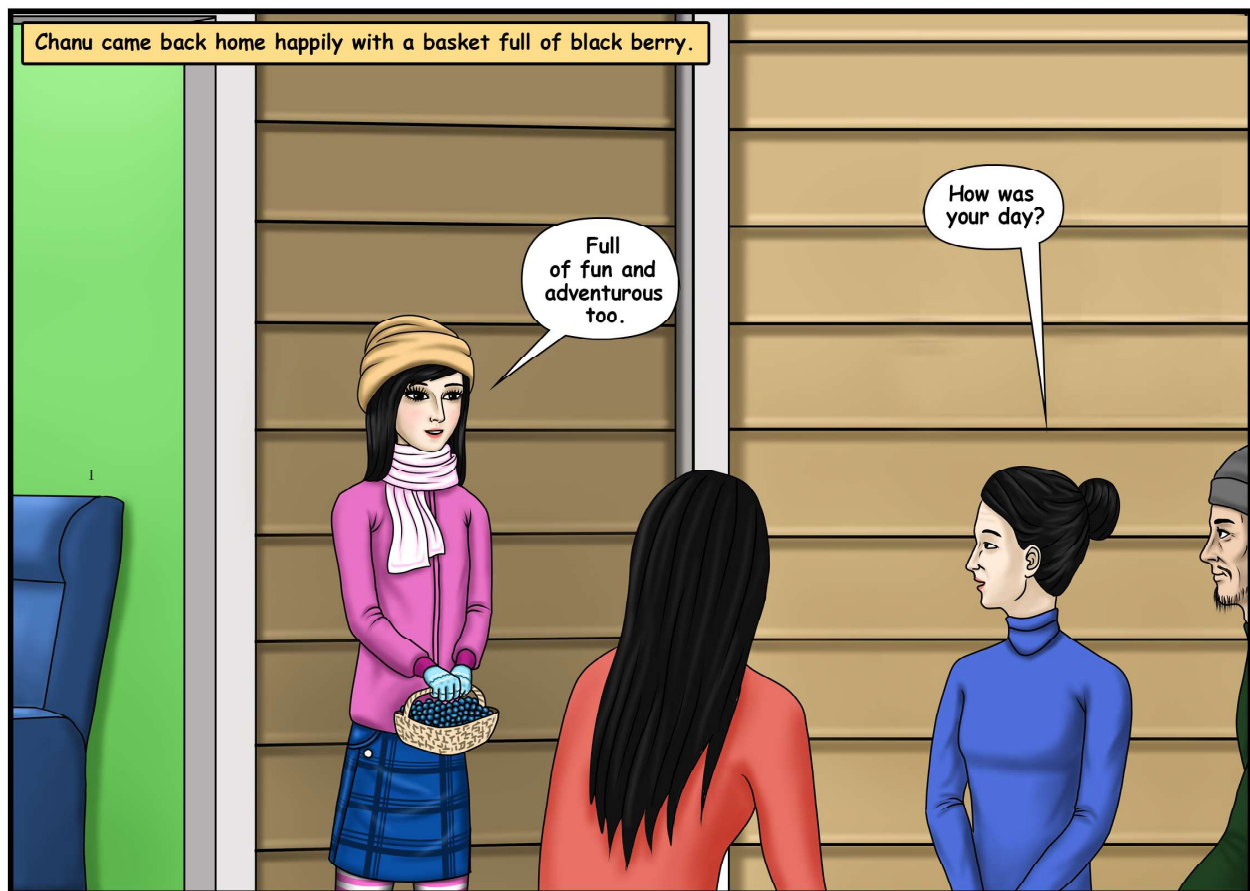


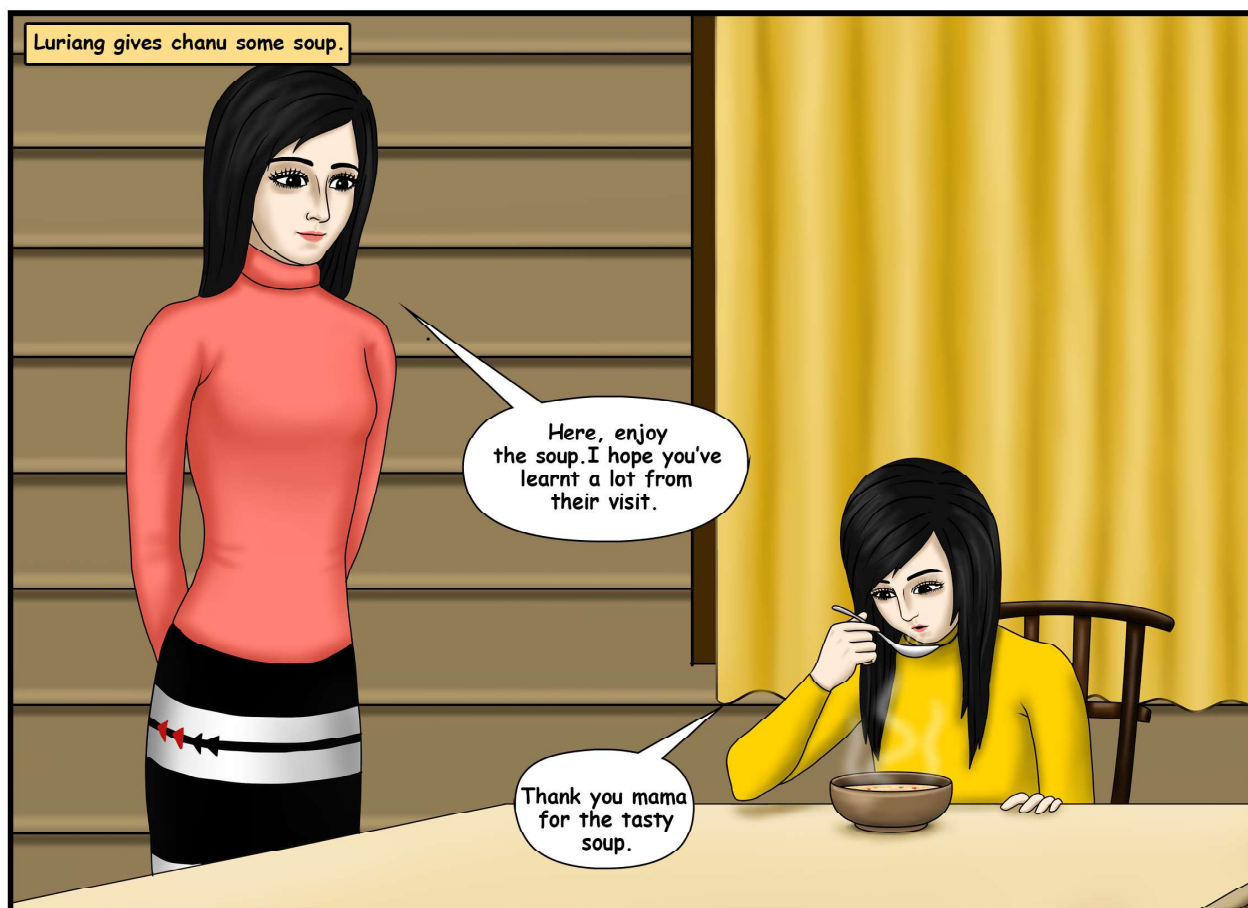
While Luriang was combing Chanu's hair, her friends visited her.





Chanu came back home happily with a basket full of black berry.





Activity

Fill the table below by collecting the required information from your parent/grandparents or any elderly person in your neighbourhood.

Indigenous units (of containers) used for measuring quantity of a substance	Approximate weight in gram/kg	Indigenous units used for measuring quantity of gold	Approximate weight in gram	Indigenous units used for measuring length	Approximate length in centimetre/meter/feet