

GRADE 7 AGRICULTURE
ASYNCHRONOUS LEARNING
AUGUST 19, 2026

Topic: Poultry and livestock materials, tools and equipment and their uses based on industry standards

SUB-TOPIC 1: Poultry Housing and Materials

1. Poultry Housing – is a shelter provided to feathered animals to protect them from the harsh environmental climatic conditions that can affect chicken's growth, performance and productivity.
2. Perches – are horizontal and vertical poles installed as a resting place for poultry animals. It should be provided, especially during summer to keep animals cool and comfortable.
3. Feeding Trough – is a long narrow container made of plastic or metal used to hold food for farm animals.
4. Waterer/drinking trough - is a man-made or natural receptacle intended to provide drinking water for poultry animals.
5. Dropping board - the area found below the roost bar in a chicken coop. It helps by collecting the manure and keeping it contained so that it is easy to remove after a chicken has shed its droppings.
6. Chick Brooder – equipment used to provide warmth and light to rear the baby chicks during the first few weeks of life.
7. Poultry transport crates/cages - suitable for transporting a range of poultry and is ideal for use in both commercial and small-scale operations. It is easy to clean and maintain, making it a cost-effective and practical choice for poultry farmers and transporters.
8. Nests - usually more or less circular structure of twigs, grass, mud, etc., formed by a bird, often high in a tree, as a protected place in which to lay and incubate its eggs and rear its young.

SUB-TOPIC 2: Livestock Materials and Equipment

1. Cattle Housing – living space or house for cattle. It must provide a comfortable, clean, well-drained and dry lying area together with shelter from adverse weather, space to allow the animal to move, lie down and rise freely as well as access to adequate food and water.
2. Feeding trough for the cattle - a long narrow shallow receptacle (usually in a barn or stable) from which cattle or horses feed.
3. Drinking trough – a well-built trough where fresh and clean supply of water for cattle animals is placed for easy drinking. This can be made from a wood, galvanized iron or cement materials.
4. Shades or sheds - is a place for the cows to relax and sleep during the night. Each cow has their own place in the resting area, called cubicle. The cubicles must be covered with a roof made of iron sheets (Mabati), or grass that called makuti.
5. Portable loading chute – Is a loading chute is an optional trailer that is used to transport animals. The loading chute should be located directly off the crowding pen, allowing easy movement of cattle.

SUB-TOPIC 3: Livestock Materials and Equipment

1. Swine housing - designed to protect pigs and give them the most ideal environment for growth and production.
2. Pig Feeding trough - disc-shaped feeder trough can be positioned in the center of the pig barns, so that pigs can take feed from all directions.
3. Swine waterer - modern piped water systems within buildings on pig farms provide pigs with continuous access to drinking water, and on many farms are also used for short periods to medicate growing pigs with antibiotics to help keep them healthy and productive.
4. Hog wallow – adds comfort to the hogs during hot weather. If properly used this may improve growth rate of growing swine.

LEARNING ACTIVITY SHEET

Learning Area:	TLE 7	Quarter:	2
Lesson No.:	8	Date:	
Lesson Title/ Topic:	Poultry and Livestock Materials and Equipment		
Name:		Grade & Section:	

I. Activity No. 1: The Three Circle Model or Venn Diagram (5-10 mins)

II. Objective(s): To relate main ideas of poultry and livestock materials and equipment that is mostly or necessarily needed in any animal raising production business.

III. Materials Needed: Typewriting paper, compass, pencil or ballpen.

IV. Instructions:

1. Get one typewriting paper.
2. Draw three circles or a Venn diagram to show the materials and equipment common to different farm animals that the animal raiser/s must provide.
3. Think of any word or group of words to be placed on the intersection of the three circles.
4. Briefly explain the word/s you wrote in the intersection of the three circles.
5. Then, some of you will be called to share what you have included in your Venn diagram.
6. The teacher will process the activities.

