

LIVESTOCK FACILITY & EQUIPMENT UNIT

SAMPLE LESSON PLAN



SHOW-SMART

FACILITY & EQUIPMENT LESSON

Quick Start Guide

OBJECTIVE

Students identify the components of a proper livestock facility, then design and build their own scaled replica. Works for any experience level.

AT A GLANCE

Total time: ~5 hours across 2-3 class periods

Day 1 (50 min): Blooket quiz → Watch facility video → Groups brainstorm + sketch their facility design

Day 2 (50 min+): Build the facility model → Marketers present to class

WHAT YOU NEED

- ✓ This lesson plan + Blooket account (quiz link on page 4) + devices
- ✓ Poster paper, pencils, building materials (cardboard, toothpicks, glue — or gingerbread houses in December)

HOW TO RUN IT

1. Blooket (10 min) — Quiz link on page 4
2. Video (10 min) — Pause and have students list what their facility needs
3. Groups + roles (5 min) — Roles on page 4
4. Design (20 min) — Groups sketch their facility. Must include all elements from the video.
5. Build + Present (Day 2, 50 min) — Rubric on page 5

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FACILITY & EQUIPMENT UNIT



DO I HAVE WHAT IT TAKES?

Please note: Students must complete the sections within each species module sequentially. You can show videos from your account in any order you choose.

LEARNING OUTCOMES

- Students will identify the pros and cons of different livestock facilities.
- Students will identify external factors that need to be considered when planning their facility.
- Students will identify the equipment needed to care for a show animal.

LEARNING COMPONENTS

Instructor

- Instructor's Guide for unit
- BLOOKET™ Account

Copies

- Show Smart Glossaries
- If You Build it...
 - Instructions
 - Grading Rubric - One per group
- Show & Tell Student Activity
 - Instructions
 - Equipment Cards - One set/species
- Species Draw Cards printed and cut

Materials

- Show Smart Facilities and Equipment videos for each species
- Chromebooks/Laptops & Internet
- Poster paper/poster board to sketch facility design.
- Building Materials
 - Cardboard
 - Toothpicks/popsicle sticks
 - Glue source
 - Labels/label maker
 - Poster paint
 - Rulers/squares
 - Scissors/box cutter
 - Any other art supplies to build a facility replica (3-D printer, marshmallows, etc.)

ESSENTIAL QUESTION

What specific facility attributes and equipment lead to a successful show animal project?

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DO I HAVE WHAT IT TAKES?

Total Estimated Time 5 Hours

INSTRUCTOR'S GUIDE

Day 1 - 50 minutes class

- Interest Approach
 - Play BLOOKET Show Smart Facilities & Equipment to survey prior knowledge for raising livestock. -10 minutes
 - BLOOKET™ link - copy and paste the URL below to use our great study tool.
<https://dashboard.blooket.com/set/62c84d42900817d9b64ba4f4>
- Learning Project - **If you Build It...**
 - Split the class into groups. Each group should identify a chairperson, secretary, procurement specialist, marketer, and fact-checker. Some students may have more than one role, depending on group size. Review roles with the class. 5 minutes
 - Chairperson - keeps the group on track, asks questions for the group
 - Secretary - take notes for the group brainstorming on their project
 - Procurement specialist - responsible for getting needed supplies to build the facility
 - Marketer - presents their facility concept to the class
 - Fact Checker - responsible for ensuring the group's facility design meets all of the requirements of the Show Smart presenter
 - Everyone - construction crew
 - Project your free video in class - Show Smart Cattle Facility video. 10 minutes
 - Give each group a copy of the If You Build It... Instructions and the Grading Rubric. Using the information provided in the Show Smart Facility video, groups should brainstorm the necessary components for a facility they will build on day 2. Students should then create a sketch of the layout of their facility, ensuring to include all elements outlined by the species expert in the video. (*Share the construction materials you'll provide to help them develop a construction plan, and encourage them to bring materials from home.*) 20 minutes

Day 2 - 50 minutes class (or stretch it out over two days if you choose)

- Build It! - 45 minutes
- Exit Ticket
 - Have each marketer report to the class 3 of the most important features they are adding to their facility. - 5 minutes

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IF YOU BUILD IT...



GRADING RUBRIC

After viewing the Show Smart video on facilities for your assigned species, use the materials provided to construct a scaled replica of the show facility you would use for your animal. Brainstorm with your group to create a facility layout before starting the build. The Secretary should take notes while brainstorming. Attach the diagram and notes from brainstorming to this rubric.

Facility Type _____

	Excellent 8-10 Pts	Satisfactory 4-6 Pts	Poor 0-3 Pts	Multiplier	Total
Facility Amenities	Replica contains all aspects of a livestock facility described in the Show Smart Facility Video.	Replica is missing 1-3 aspects of a livestock facility described in the Show Smart Facility Video	Replica is missing 4 or more aspects of a livestock facility described in the Show Smart Facility Video	x3	
Replica Scale	All aspects of the replica are built to scale (ie. 1 cm = 1 foot)	1-3 aspects of the replica are not to scale.	4 or more aspects of the replica are not to scale.	x1	
Identification	The Fact Checker ensured all important amenities are labeled correctly with vocabulary presented in Show Smart Facility Video.	The Fact Checker miss-labeled 1-3 amenities or they are not labeled with vocabulary presented in Show Smart Facility Video.	The Fact Checker miss labeled 4 or more amenities or they are not labeled with vocabulary presented in Show Smart Facility Video.	x2	
Execution & Team Work	The Chairperson kept the team on track, the Procurement Specialist provided supplies and the group worked in a creative and innovative manner with all team members participating in construction. The group used time wisely and completed the project on time.	The Chairperson did an average job keeping the team on track, the Procurement Specialist provided most supplies and the group worked in a neat and organized manner with most team members participating in construction. The group used time wisely and completed the project on time.	The Chairperson did an average job keeping the team on track, the Procurement Specialist provided most supplies and the group worked in a neat and organized manner with most team members participating in construction. The group used time wisely and completed the project on time.	x2	
Presentation	Marketer confidently described all the important amenities of their group's replica.	Marketer described the important amenities of the replica but lacked confidence or missed on 1-3 amenities in the description of their group's replica.	Marketer described the important amenities of the replica but lacked confidence or missed on 4 or more amenities in the description of their group's replica.	x2	
					/100

Group Members: _____

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