

Lesson Plan 32: Wood or Bamboo Slab Construction**XX minutes total****Lesson Description**

This is an optional practical lesson. Participants learn how to construct a wood or bamboo slab. They will also discuss construction safety and know what to do in an emergency.

Learning Outcomes

At the end of this session participants will be able to:

1. Demonstrate how to construct a wood or bamboo slab.

Trainer Notes

CAWST does not have a specific design or instructions for constructing a wood or bamboo slab. This lesson plan is a template for you to document your steps, materials, preparation, topics discussed, and key technical points.

Please share your completed lesson plan with CAWST so that we can incorporate it into future training materials: resources@kawst.org

Scheduling this Lesson in the Agenda

The Lesson Plan: Slab Design should be delivered before participants construct the slabs. This will ensure that they understand the key design features.

Tools and Materials

- Construction tools and materials
- First aid kit

Preparation

- Review topic in the Latrine Construction Manual
- Find out what is a practical design for the population as well as the local materials available.
- Look for other resources, including:

Cambodian DRHC (Department of Rural Health Care) (2010). Household Latrine Construction Manual. A Guide to Constructing a Latrine as Described in the Informed Choice Manual on Rural Household Latrine Selection. Ministry of Rural Development, Cambodia. Available at: www.hesperian.info/wp-content/uploads/pdf/en_hmx/en_hmx_2010_latrineconstruct.pdf

Introduction**5 minutes**

1.

Construction Health and Safety**5 minutes**

Note: This activity only needs to be delivered in the first practical session. Participants can be reminded in subsequent practical sessions about protection measures for that particular activity.



1. Explain that it is important to work safely and avoid the potential for injury during latrine construction. Participants will be using sharp tools, lifting heavy objects, and handling potentially dangerous materials. When properly managed, the risks involved in these tasks can be reduced to avoid injuries.
2. Explain that everyone on the construction site should wear closed shoes to reduce foot injuries, and reduce tripping or catching of sandals. In dusty environments, they can wear a face mask to prevent inhaling dust. In loud environments, workers should wear earplugs to protect their hearing.
3. Make sure everyone knows where the first aid kit is located. Make sure everyone knows who to call in an emergency. Write important phone numbers on flipchart paper and post it in a visible area.

Construct a Wood or Bamboo Slab**XX minutes**

1. Trainer Notes to discuss:

- *Review the purpose of a slab (to support users, to provide a barrier between people/animals and excreta)*
- *Slabs can be made from planks or poles*
- *Wood or bamboo should be treated or painted to prevent rot and insect attack*
- *Slabs should be inspected frequently (weekly) for signs of rot or insects*
- *Slabs should not be expected to last more than 1-2 years*
- *Slabs can be covered in clay or earth*
- *A SanPlat can be installed on the slab to provide a smooth surface and make slabs easier to clean*

Review**5 minutes**

1.

Reflections on Lesson