

## Session 1

**INTRODUCTION TO THE PICO PROJECTOR**

🕒 2 hours

**Why conduct this session**

This session will begin by introducing participants to the essential operations to be done using the pico-projector. The Pico Step-by-Step video and handout have been provided to help structure the session and to ensure that all operations, their significance and the actions to be done for each operation are addressed. Participants will be divided into groups and encouraged to practice the operations hands-on.

**How to conduct this session**

1. Introduce the pico-projector.
2. Play the Pico Step-by-Step video.
3. At the predetermined mediation points, discuss the operation, it's significance, and demonstrate how it is done with a pico-projector.
4. Create groups such that each group has a pico-projector set and no group has more than 5 people. Assign people to groups randomly. If there is more than one type of pico, the groups should be constituted by people with the same type of pico.
5. Encourage participants to learn and practice each operation. Encourage them to help their group members to perform all operations independently.
6. Distribute the handout – Pico Step-by-Step.

**Materials required:**  
Pico projector sets including the following: a charged pico projector, a charger, remote, SD card with videos, charged speakers, speaker charger and an aux cable. (atleast 1 for every 5 participants).

Pico Step-by-Step video

Handout: Pico Step-by-Step handout

Methodology: Mediated video, demonstration and practice



A video being watched by a group of women farmers and a VRP.

Photo: Nandini/DG

## Session 2

**OPERATING THE PICO PROJECTOR**

🕒 2 hours

**Why conduct this session**

This session is designed such that trainers can assess the pico-projector operation skills of each participant. It also gives participants an opportunity to self-assess and fill gaps in their skills. The session is structured as a team competition so that participants are encouraged to collaborate and cooperate.

Participants will be divided into groups and given time to practice. Before beginning the practice session, groups will be informed that each group's final score will comprise of the individual scores of group members. This would motivate participants to practice the basics of pico set-up and operation and encourage others in their group to do the same.

After the practice session, the assessment will begin. Assessment stations, each with a charged pico projector set, will be arranged on a wall so that all stations are visible to the assessor at all times. There will be as many assessment stations as there are groups.

The assessment will be conducted in rounds. In each round, stations will be occupied by one player from each group. The assessor will announce instructions in sets and players will demonstrate those operations on the pico. At the end of each set, the assessor will mark players on the scoresheet in their hands. When all sets are complete, the round is complete. The assessor computes the total score of each player and adds it to the score of the groups.

The current score of each group is displayed as a part of the group scoreboard. It should be displayed prominently so that all players are aware of current scores and are motivated to do their best to help their group win.

**Materials required:**

Pico projector sets including the following: a charged pico projector, a charger, remote, SD card with videos, charged speakers, speaker charger and an aux cable. (atleast 1 for every 5 participants).

Score-sheets (1 per round)  
Game scorecard (on a chart paper or board)

Methodology: Group-work and game



VRPs playing the game in this session.

Photo: Kundan/DG

## How to conduct this session

1. Create groups such that each group has a pico-projector set and no group has more than 5 people. Assign people to groups randomly. If there is more than one type of pico, the groups should be constituted by people with the same type of pico.
2. Call the groups to attention. Explain the rules of the game.

We will now play a game – called Pico Step-by-Step.

अब हम एक खेल खेलेंगे – इसका नाम है पीको खेल।

Like every game, this game has some rules.

हर खेल की तरह, इस खेल के कुछ नियम हैं।

This game is played in groups.

यह खेल ग्रुप में खेला जाता है।

One player from each group will come forward.

हर ग्रुप से एक खिलाड़ी आगे आएगा।

There are 15 main activities that can be done using a pico. Each person in the group will do each of these activities.

पीको के साथ हर खिलाड़ी 15 काम करके दिखाएँगे।

For each activity successfully done, the player's group will get 1 point.

एक काम सही करने पर खिलाड़ी के ग्रुप को 1 नंबर मिलेगा।

The group that gets the most points per player wins.

प्रति खिलाड़ी के हिसाब से, जिस ग्रुप को सबसे ज़्यादा नंबर मिलेंगे वही ग्रुप जीतेगा।

3. Draw the game scoreboard on a flipchart or board such that it is visible to all participants.
4. Pose the question – what can you do to help your group win? There are two points to highlight here: practice how to perform all operations, help others learn to perform all operations, take help from your group if you are unable to do a task.
5. Instruct the groups to practice the points described in the handout. Give the group 30 minutes to practice.
6. Begin the game. For each round, do the following:
7. Call 1 person forward from each group and give them each a pico in a box.
8. Ask them to stand in a line in front of a wall.
9. Take a score-sheet and write the Round number, player names and their groups.
10. Speak out the instructions one by one. As you speak instruction no. 1, all the players should do just that activity and nothing more. When you speak instruction no. 2, they do that activity. Once you have gone through the 1st set of instructions, check if every participant has completed all operations in the set correctly. For each operation successfully performed, place a tick in the player column in the scoresheet or a cross for every incorrect operation. Go through each set of instructions in the same manner.



11. The 1st set of instructions is:

पीको चलाएं

पीको पीछे ले जाकर बड़ी तस्वीर बनाएं

तस्वीर ऊंचाई पर बनाएं और सीधी रखें

तस्वीर साफ़ करें

12. The 2nd set of instructions is:

चिप लगाएं

वीडियो सूची तक जाएं

दूसरे नंबर का वीडियो चुनें

13. The 3rd set of instruction is:

वीडियो चलाये। बटन हटा कर पूरी तस्वीर दिखाएं

14. The 4th set of instructions is:

पकी या रमिट से आवाज़ बढ़ाएं

साउंड जोड़े और चालू करें

15. The 5th set of instructions is:

वीडियो रोकें। यह समझाने का समय है

16. The 6th set of instruction is:

वीडियो को फरि वही से चलाएं

17. The 7th set of instruction is:

वीडियो को थोड़ा पीछे ले जाएं और फरि वही से चलाएं

18. The 8th set of instruction is:

वापस जा कर पहले नंबर का वीडियो चलाएं

19. The 9th set of instruction is:

पीको बंद करें

20. Score each person – 1 point for each task

successfully completed.

21. When all instructions have been announced and scored, the round ends. Compute the total for each player, and assign points out of 15.

22. Add these points to the respective group's score in the game scoreboard.

23. Make sure that the speakers are disconnected at the end of each round. Then call the second set of participants and repeat the process.

24. When all players have completed their turn, add the total score for each group and declare the winner. Acknowledge participants who have performed well publicly and boost their morale.

25. During the demonstration and assessment you should identify those participants who have not learnt to do the essential pico operations well. You could spend 15-20 minutes with those participants in a group and address their specific issues.

26. At the end of the session, invite questions and doubts from participants and encourage other participants to respond.

|       | 1 | 2 | 3 | 4 | 5 | Total |
|-------|---|---|---|---|---|-------|
| Gr. 1 |   |   |   |   |   | 170   |
| Gr. 2 |   |   |   |   |   | 170   |
| Gr. 3 |   |   |   |   |   | 156   |
| Gr. 4 |   |   |   |   |   | 156   |

An image of the group scoreboard at a training at Sarmera Block, Nalanda District, Bihar.

Photo: Aman/DG