# PREPARE A CLEAR PRESENTATION AND USEFUL FEEDBACK

UNIT 14 · WEDNESDAY 2 DECEMBER 2026 · 12:30–16:00

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# START FROM YOUR UNIT 13 WORK

Use your revised report, main figure and rehearsal notes.

Complete student project folder · Presentation brief

**Date/time and formal submission arrangements TBA.**

# NAME THE RESULT BEFORE SHOWING IT

**Outcome + comparison + units + time + population.**

“What difference are we estimating, for whom and when?”

Tell us what the data actually represent.

# DRAW THE DESIGN

Show how researchers assigned treatments to animals or pens. If they only observed existing conditions, show which farms or groups they selected.

Label repeated measurements separately from replication.

Explain why your model reflects that structure.

# SHOW ONE MAIN FIGURE

Label axes, units, which group is subtracted from which and uncertainty.

Explain the practical magnitude and remaining uncertainty.

A mean interval does not describe every individual outcome.

# MAKE CHECKS CONSEQUENTIAL

What did the model check reveal?

In your alternative analysis, which plausible assumption did you change?

What changed in the estimate, uncertainty or conclusion?

# EXPLAIN THE NEXT EXPERIMENT

Before collecting new outcomes, choose a difference that would matter and say whether researchers would assign treatments to animals, pens or pasture groups.

Compare a few candidate sizes under **two assumptions**.

State what the simulation omits and what feasibility needs checking.

# SHARE EIGHT MINUTES

| Speakers | Content | Time |
|---|---|---|
| A | Question and design | 2:00 |
| B | Model, checks and main figure | 3:00 |
| C | Follow-up and conclusion | 3:00 |

Use the six-slide outline.

# ASK A QUESTION THAT AFFECTS THE CONCLUSION

"What would change if this assumption were different?"

"Does that sample size count animals, pens or pasture groups, and what treatment would each receive?"

"What does the new experiment let us conclude?"

# LISTEN, RECORD, REVISE

Peer sheet: evidence → question → feasible revision.

Final checklist: science, planning and communication.

Keep an offline copy of your figure, report and slides.

# EACH MEMBER EXPLAINS A DECISION

- Justify your model from the question and design.
- Explain one alternative and its consequences.
- Answer a directed question in your own words.
- Disclose assistance and previous solution access.