

Lesson 5

Lesson Planning

Content

- Lesson Planning
- Use of Audio visual materials
- Demonstration of non-aviation lesson
- Trainee assigned homework to develop non-aviation lesson
- Explain lesson planning documents

Purpose of lesson plans

- Outline Main Teaching Points
- Guide to keep lessons organized and learning meaningful
- Training areas not missed

When to use lesson plans

- Ground School
- Flight Lesson
- Preparatory Ground Instruction

Planning a lesson

- Know the Objectives- Aim , Time Available
- Obtain Reference Material
- Ensure there is Trainee Participation
 - TKT, Questions
 - Reteach as necessary
- Prepare classroom
- Method of Testing

What's in a lesson plan?

- Introduction
- Threshold Knowledge Test (TKT)
- Outline
- Final Check up Questions
- Summary
- Conclusion

Introduction – opener to set stage!

- Answer Questions in whatever order that flows
 - What- Specifically is being taught
 - *By the end of the lesson you will know...*
 - Why
 - *“what’s in this for me?” or “why you want to learn this”*
 - Where/When
 - *“What situation will I ever be in that uses this skill or knowledge?”*
- Refer to the Orientation Board

outline

- Stages that make sense
- Visual /Verbal support Plan
- Student Participation

The big finish!

- FINAL CHECK UP QUESTIONS
 - Identify weaknesses
 - Clarify Misunderstandings, if any
- CONCLUSION
 - Summarize
 - Motivate!
 - Give Assignments
 - Yours is the last word - don't give it away!

Lesson Planning

- Now that we've discussed what's in a lesson plan, let's talk about how to plan a lesson
- Lesson plan handouts.
 - PREPARING A LESSON PLAN
 - LESSON PLAN FORMAT

PLANNING FOR A LESSON

DETERMINE:

- **OBJECTIVE(S) FOR THE LESSON**
 - Defines purpose of lesson
 - Guides instructor for research
 - Keep instructor on track during planning
- **METHOD OF TESTING**
 - Must be considered in planning and time management
 - Oral Questions, written, practical
- **TIME NEEDED AND/OR AVAILABLE**
 - "Must Know" vs. "Nice to Know"
 - May require more than one session
- **STUDENT(S) LEVEL OF KNOWLEDGE**
 - Gives instructor a starting point
 - Guide in preparing a TKT
 - Prevent student boredom or frustration

OBTAIN ALL REFERENCE MATERIAL REQUIRED

- Time in research and review will produce a professional presentation
- Visual and Verbal Support can be developed

DETERMINE METHOD OF INSTRUCTION

PREPARE YOUR LESSON PLAN

LESSON PLAN FORMAT

INTRODUCTION

WHAT? (AIM)
WHY? (MOTIVATION)
WHERE? (LINK)

TKT Questions

Have the background knowledge to continue?

BODY

- Introduce material
- PRESENT TEACHING POINTS
- TEACHING SUPPORT
- STUDENT PARTICIPATION
- Theory, Safety, Procedures

Summary

Summarize important points covered.

Question

Ask the student if they have any questions

Quiz

Ask the student questions to see if they have learned what you presented.

CONCLUSION

ISSUE ASSIGNMENTS

CLOSING STATEMENT

Link to future lessons

Visual Support

- Supports Major Teaching Points
- Reminds Instructor of Minor Points
- Should Be Simple, Accurate, Legible, Concise
- If Possible Use a Variety of Types and Colors

Verbal Support

- REASONS - Why
- EXAMPLES - May Be True or Imaginary
- STATISTICS - Present Visually, Round Off
- COMPARISONS - Similarity or Difference to Known Facts
- TESTIMONY - Quote Expert Who Is Known
- - Paraphrase

Audio & Video Aids

- Audio-visual learning methods help retention of information
- videos, sound, pictures, and graphs good, interaction better
- study methods enhanced with active participation: internet Q & A
- Carefully choose aids add to learning, not distract

Demonstration By Student

- Present non aviation lesson.
- “HOW TO CHANGE A FLAT TIRE”

Summary

- Lesson Planning
- Use of Visual & Verbal Support / Audio visual materials
- Demonstration of non-aviation lesson
- lesson planning documents and guides

HomeWork

- Preparatory Ground Instruction (PGI) non-aviation related topic
- Something you could talk about in detail.
- Something that you could teach to someone in about 15 mins
- Next lesson you present!