

Navigating the Future: Writing Interactive AR Manuals

Designing a Choose-Your-Own-Adventure AR Technical Manual

PART 01 Authentic Model Text Analysis

Read the following excerpt from a technical manual for an Augmented Reality (AR) maintenance app.

AR Troubleshooting Guide: Model X-500 Smart Router

Step 1: Initial Scan

Point your smartphone camera at the router's front panel. If the AR overlay glows **green**, your connection is stable. If the overlay glows **red**, you must reset the device.

Step 2: Choose Your Path

- **Path A (Green Glow):** Tap the "Optimize" icon on your screen to increase speed.
- **Path B (Red Glow):** Hold the reset button for 10 seconds. If the light remains red, tap "Call Technician" to launch a live video support session.

Analysis Questions:

1. **Structure:** How does the author help the reader decide what to do next? What specific words indicate a choice?
2. **Grammar:** Identify two sentences that use the "If... (then)..." structure. Why is this useful for a manual?
3. **Cultural Context:** In your home country or previous job, how did you usually learn to fix a device (e.g., reading a paper manual, asking a neighbor, watching a video, or trial and error)? How is an "interactive" manual different from those methods?

PART 02 Vocabulary Bank

Imagine you are designing an AR manual for a **Smart Coffee Machine**. Use the vocabulary and frames below to write instructions for the "Water Tank" setup.

Vocabulary Bank:

- **Verbs:** Scan, align, tap, insert, troubleshoot.
- **Nouns:** Overlay, sensor, digital icon, physical button.
- **Adjectives/Adverbs:** Correct death, firmly, virtual, blinking.

PART 03 Independent Writing

Choose a common household or office device (e.g., a printer, a microwave, or an electric scooter). Write a short "Choose-Your-Own-Adventure" AR manual section (60-80 words).

Your task:

1. Describe the first "scan" the user must do.
2. Provide two different "paths" or outcomes based on what the AR sensor sees.
3. Use at least three **Conditionals** (If... then...) and three **Imperatives** (Command verbs).

PART 04 Editorial Revision & Peer Review

Check your partner's work using the list below:

- ☐ **Clarity:** Are the instructions easy to follow?
- ☐ **Logic:** Does the "If... then..." structure make sense for a choice?
- ☐ **Grammar:** Are the imperatives (e.g., "Scan," "Press") used at the start of instructions?
- ☐ **AR Concept:** Does the text mention digital elements (icons, overlays, scans)?

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Writing practice worksheet.



TIME

20-30 MINS

OBJECTIVE

To enable learners to write technical instructions using conditional logic and imperative verbs within a modern, interactive framework.



GRAMMAR FOCUS

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- Conditionals (Zero/First) and Imperatives

KEY VOCABULARY

SCAN ALIGN TAP INSERT

TROUBLESHOOT OVERLAY

SENSOR DIGITAL ICON

PHYSICAL BUTTON CORRECT DEATH

FIRMLY VIRTUAL BLINKING

Procedure

1. Deconstruction (15 mins):

- Distribute the worksheet. Have students read the model text aloud.
- Focus on the "If/Then" logic. Explain that B1 learners often struggle with the "Zero Conditional" for facts (If it glows red, it means...) versus the "First Conditional" for future possibilities (If you press this, the screen will...).
- Discuss Question 3 as a class to bridge cultural gaps in technical literacy.

2. Joint Construction / Imitation (20 mins):

- Work through the "Smart Coffee Machine" exercise.
- Encourage students to use the vocabulary bank.
- Differentiation:* For students struggling with the concept, draw a simple flowchart on the board to visualize the "Choice" before they write.

3. Independent Construction (20 mins):

- Students choose their own device.
- Circulate and check for the use of imperatives. Ensure they aren't just writing a story, but a *functional* manual.
- Encourage "AR" vocabulary—remind them that in AR, the phone "sees" things the human might miss.

4. Revision (10 mins):

- Peer review focus. Have students swap papers and try to "act out" the instructions. If the "actor" gets stuck, the writer needs to revise for clarity.