

# Comprehensive Marker Test Suite

This document tests the progressive-outLine function with a focus on **Markers**, **Opacity**, and **Numbering**.

## Test Case 1: Opacity Inheritance (The “Smart Fade”)

**Objective:** The marker should fade together with the text when using the float shortcut.

Expected: Active=Red+Star, Inactive=Faint Red (0.2)+Star

★ Comprehensive Marker Test Suite

★ Part I: Physics (Active in middle)

★ Part II: Biology

★ Part III: Chemistry

## Test Case 2: Complex Numbering + Dictionary Marker

**Objective:** Verify order [Marker] [Number] [Title] and state-specific icons.

Expected: Checkmark for past, Arrow for current, Circle for future. Numbering I.1.

➡ N. Comprehensive Marker Test Suite

✓ N. Test Case 1: Opacity Inheritance (The “Smart Fade”)

➡ N. Test Case 2: Complex Numbering + Dictionary Marker

○ N. Test Case 3: Alignment & Width

○ N. Test Case 4: Advanced Logic (Function)

○ N. Part I: Physics (Active in middle)

○ N. Classical Mechanics

○ N. Quantum Mechanics

○ N. Part II: Biology

○ N. Cell Structure

○ N. Genetics

○ N. Part III: Chemistry

○ N. Organic

○ N. Inorganic

## Test Case 3: Alignment & Width

**Objective:** Align titles perfectly despite different marker widths.

Expected: Titles aligned vertically. 'Wide' marker takes space.

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S Part I: Physics (Active in middle)

S Part II: Biology

S Part III: Chemistry

## Test Case 4: Advanced Logic (Function)

**Objective:** Different markers for Level 1 vs Level 2.

Expected: Level 1 = Square, Level 2 = Bullet

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● Test Case 4: Advanced Logic (Function)

■ Part I: Physics (Active in middle)

● Classical Mechanics

● Quantum Mechanics

■ Part II: Biology

● Cell Structure

● Genetics

■ Part III: Chemistry

● Organic

● Inorganic

# Part I: Physics (Active in middle)

Classical Mechanics

Quantum Mechanics

— MIDDLE OF DOCUMENT SIMULATION — Here is an outline rendered “in the middle” (after Physics, before Biology). Physics should be **Completed**. Biology should be **Active** (if we are strictly sequential) or **Inactive**. Let’s look at the behavior relative to the current position.

## Middle Simulation

- ✓ Comprehensive Marker Test Suite
  - ✓ Test Case 1: Opacity Inheritance (The “Smart Fade”)
  - ✓ Test Case 2: Complex Numbering + Dictionary Marker
  - ✓ Test Case 3: Alignment & Width
  - ✓ Test Case 4: Advanced Logic (Function)
- Part I: Physics (Active in middle)
  - ✓ Classical Mechanics
  - Quantum Mechanics
- o Part II: Biology
  - o Cell Structure
  - o Genetics
- o Part III: Chemistry
  - o Organic
  - o Inorganic

# Part II: Biology

Cell Structure

Genetics

# Part III: Chemistry

Organic

Inorganic