

1 Comprehensive Marker Test Suite

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

1.1 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

- ★ 1 Comprehensive Marker Test Suite
- ★ 2 Part I: Physics (Active in middle)
- ★ 3 Part II: Biology
- ★ 4 Part III: Chemistry

1.2 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.

➡ **I. Comprehensive Marker Test Suite**

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

➡ **I.2. Test Case 2: Complex Numbering + Dictionary Marker**

- I.3. Test Case 3: Alignment & Width
- I.4. Test Case 4: Advanced Logic (Function)
- **II. Part I: Physics (Active in middle)**
 - II.1. Classical Mechanics
 - II.2. Quantum Mechanics
- **III. Part II: Biology**
 - III.1. Cell Structure
 - III.2. Genetics
- **IV. Part III: Chemistry**
 - IV.1. Organic
 - IV.2. Inorganic

1.3 Test Case 3: Alignment & Width

Objective: Align titles perfectly despite different marker widths.

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

Wide 1 Comprehensive Marker Test Suite

- S** 2 Part I: Physics (Active in middle)
- S** 3 Part II: Biology
- S** 4 Part III: Chemistry

1.4 Test Case 4: Advanced Logic (Function)

Objective: Different markers for Level 1 vs Level 2.

Expected: Level 1 = Square, Level 2 = Bullet

■ 1 Comprehensive Marker Test Suite

- 1.1 Test Case 1: Opacity Inheritance (The “Smart Fade”)
- 1.2 Test Case 2: Complex Numbering + Dictionary Marker
- 1.3 Test Case 3: Alignment & Width
- **1.4 Test Case 4: Advanced Logic (Function)**

■ 2 Part I: Physics (Active in middle)

- 2.1 Classical Mechanics
- 2.2 Quantum Mechanics

■ 3 Part II: Biology

- 3.1 Cell Structure
- 3.2 Genetics

■ 4 Part III: Chemistry

- 4.1 Organic
- 4.2 Inorganic

2 Part I: Physics (Active in middle)

2.1 Classical Mechanics

2.2 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

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

3 Part II: Biology

3.1 Cell Structure

3.2 Genetics

4 Part III: Chemistry

4.1 Organic

4.2 Inorganic