



# SciComm Slide Deck Templates

MINIMALIST, VISUAL POWERPOINT & GOOGLE SLIDES BASELINES  
FOR YOUNG AUDIENCES

**Captivate Young Minds:** Traditional academic presentation layouts fail to engage primary and secondary school audiences. This blueprint guide provides structural typography, minimal slide flows, and visual metaphors designed to translate intimidating chemistry mechanisms into simple, unforgettable science communication narratives.

## 1. Essential Baseline Slide Architecture

### ★ The Macro-to-Micro Opener

SLIDE 1: THE HOOK

Layout: 1 Bold Title Statement + Large Focal Graphic Asset

#### Slide Title Text: "The Invisible Superpowers in Your Pocket"

Instead of starting with a dry heading like "Introduction to Lithium-Ion Intercalation Kinetics", connect immediately to something they touch daily. Use large text (36pt+) to state a surprising connection point.

*Visual Suggestion: A huge high-contrast graphic or photo of a standard smartphone on the left, with an arrow zooming into a simple chemical battery cell model on the right. No bullet points allowed.*

### ✚ The Dynamic Structural Analogy

SLIDE 2: THE CORE CONCEPT

Layout: Two-Column Side-by-Side Comparison

#### Slide Title Text: "How Molecules Dance in a Solid vs. Liquid"

Keep descriptions below 15 words per column. Left column focus: Restricted kinetic vibration. Right column focus: Free molecular translation pathing.

*Visual Suggestion: Left side: A neat, rigid grid of cartoon atoms holding hands tightly (Solid). Right side: The same atoms swimming dynamically with motion lines around them (Liquid). Use simple, friendly vectors.*

## 2. Pro SciComm Typography & Layout Criteria

### Visual Scaling & Text Limits

GUIDELINES

Follow these core specifications when building out your custom template files inside PowerPoint or Google Slides:

- **The 5x5 Rule:** Never exceed 5 bullet points per slide, and keep each bullet below 5 words. Let the graphics do the heavy teaching lifting.
- **High-Contrast Color Palettes:** Use a dark matte background (like charcoal or deep indigo) paired with vibrant neon chemical markers (lime green, neon pink) to match the InfoChemist layout language.
- **Typography Hierarchy:** Set main slide titles to a thick sans-serif font at 40pt+. Keep lower descriptive or conversational text at 18pt+ to ensure visibility from the back rows of presentation halls.

### Pro Tip for Interactive Audience Engagement

When presenting complex chemical pathways to younger crowds, use step-by-step presentation animation wipes (Appear on click) to introduce one single chemical piece at a time. This keeps children focused on your speaking narrative and completely prevents visual cognitive overload.

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