

# Justeen Clements

Instructional Designer | Curriculum Architect

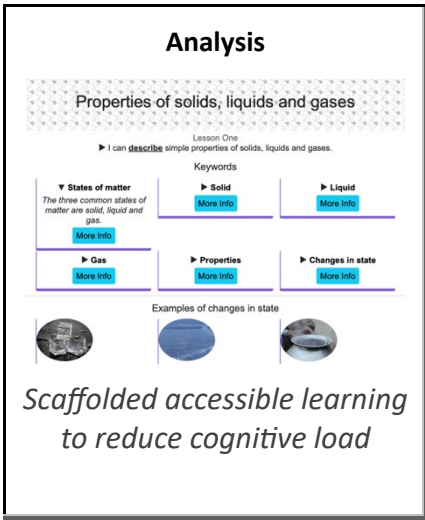
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A visionary educator and curriculum designer. Leveraging a unique academic intersection of a

**BSc (Hons) in Chemistry and an MA in Web Design and Content Planning**

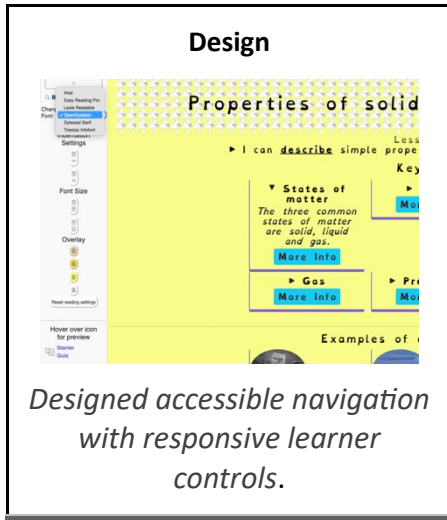
I have applied instructional design ideology to the case study below

### Analysis



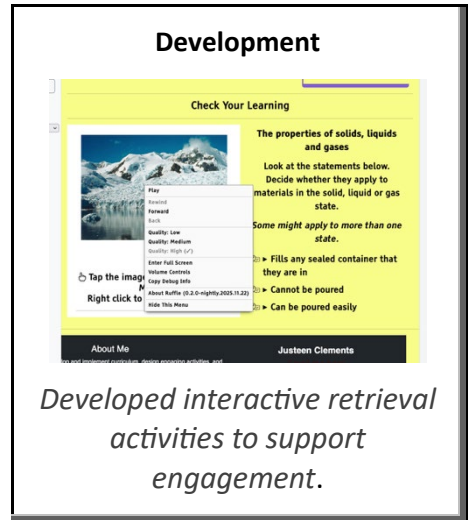
*Scaffolded accessible learning to reduce cognitive load*

### Design



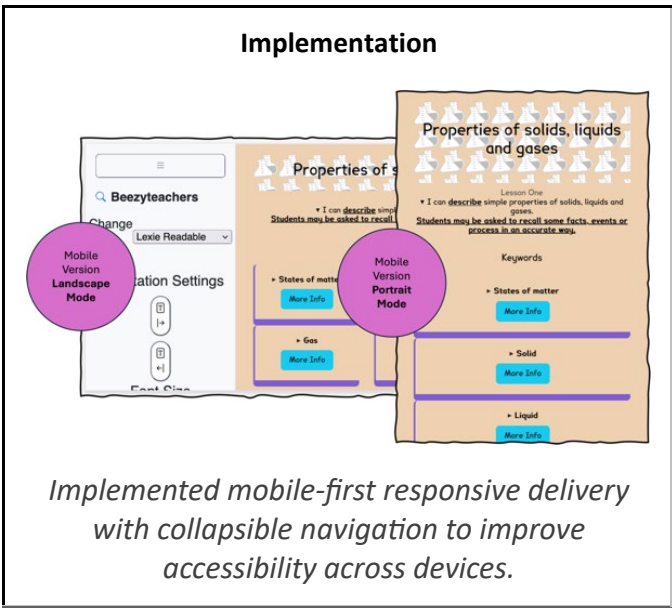
*Designed accessible navigation with responsive learner controls.*

### Development



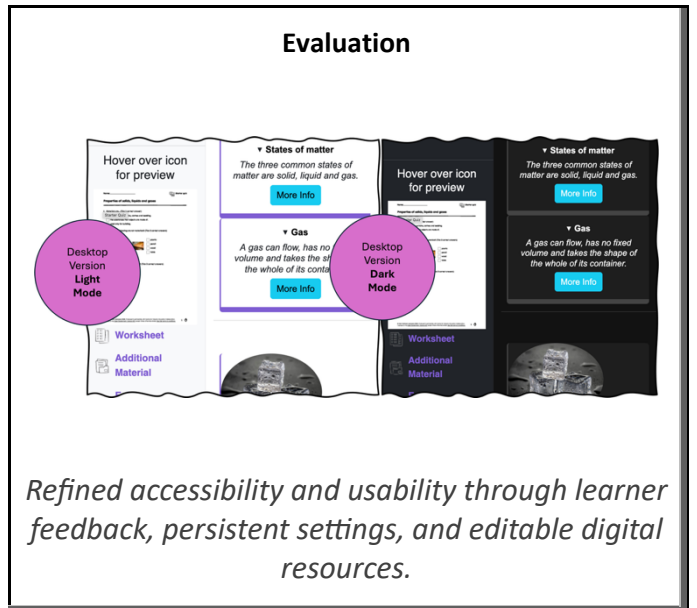
*Developed interactive retrieval activities to support engagement.*

### Implementation



*Implemented mobile-first responsive delivery with collapsible navigation to improve accessibility across devices.*

### Evaluation



*Refined accessibility and usability through learner feedback, persistent settings, and editable digital resources.*



ADDIE Case Study




Instructional Design Portfolio

# Professional Experience

- **Teacher of Science – Saffron Valley Collegiate (2025–2026)**
  - Delivered structured KS3–KS4 Science for SEND learners, improving engagement and re-entry into learning
  - Applied enquiry-based learning (POGIL) to develop independence and critical thinking
  - Outcome: 100% pass rate with 21% achieving Grade 5+
- **Lecturer of Chemistry – East Surrey College (2024–2024)**
  - Designed and delivered inclusive BTEC Chemistry curriculum with strong learner progression
  - Used assessment data and feedback to drive targeted intervention and continuous improvement
- **Assistant Head of Science – Archbishop Tenison’s CofE High School (2023–2024)**
  - Led curriculum improvement across KS3–KS5, strengthening consistency and outcomes
  - Implemented assessment tracking systems to support progress and intervention
  - Embedded digital learning to enhance teaching effectiveness


Throughout my teaching career, I have instinctively applied instructional design principles by creating structured learning experiences that combined **Structured Progression**, **Process Oriented Guided Inquiry Learning (POGIL)**, and **Retrieval Practice**. I now extend this approach through BeezyStudents, developing scalable digital learning environments that support engagement, independent study, and long-term knowledge retention.

### Structured Progression



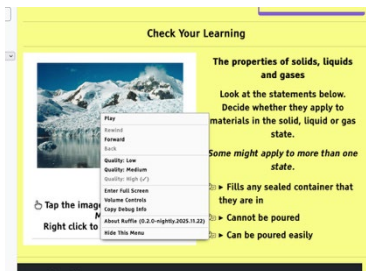
*Designed structured learning pathways that reinforced understanding and supported progressive learner development.*

### POGIL



*Applied POGIL principles through interactive simulations that supported guided enquiry and concept exploration.*

### Retrieval Practice



*Applied retrieval practice through structured review activities with immediate feedback and guided self-assessment.*

## Impacts

- Improved adoption
- Reduced teacher workload
- Increased student engagement
- Improved curriculum consistency
- Implemented systems across departments