

Digital Storytelling in Health Sciences Education

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DIALOGUE

CONNECTION

Digital Storytelling Defined

Digital stories are short, personal stories, told using multimedia.

Theoretical Foundations



Cognitive Load

- Dual-coding theory (Paivio, 1986)
- Framing experience (Bruner, 1990)



Problem solving → Case-based Reasoning Cycle
(Jonassen & Hernandez-Serrano, 2002)



Reflection (Dewey, 1938; Schon, 1983)



Making connections - engaging all parts of the brain (Schank, 1990; Zull, 2002)



[Heart of Stone](#)

Essential Elements of Digital Storytelling

1. Gift of Your Voice – a way to personalize the story to help the audience understand the context

2. Point of View – perspective of the author

3. A Dramatic Question – answered by the end of the story

4. Emotional Content – serious issues that speak to us in a personal and powerful way

5. Power of the Soundtrack – music or other sounds that support the storyline

6. Economy – using enough content to tell the story without overloading the viewer with too much information

7. Pacing – how slowly or quickly the story progresses

8. Audience – consideration of audience while creating the story

Accessible Software and Resources

Free (or very inexpensive)

- Shadow Puppet (mobile app), WeVideo (cloud-based), Microsoft Movie Maker, iMovie
- Camera
 - Phone
 - Digital Camera
 - Web cam
 - Digitize hard copy images with a scanner
- Web-based sources for images and audio – (check appropriate copyright)
- Microphone/Headphone headset – (inexpensive)

Writing Prompt

Reflect upon and write about **an incident** (+ or -) in your life that had a powerful impact in moving you to your chosen career path.

Story Circle

