



TEACHER BELL RINGER KIT

DISCOVER A WORLD OF CAREERS YOU DIDN'T KNOW EXISTED

BELL RINGER KIT: The Healthcare UX Designer

RUN TIME: 9 minutes 40 seconds

GRADE LEVEL: 8-12

Episode Summary

What happens when healthcare meets design, psychology, and technology? In this episode of *Majors, Minors & Maybes*, students explore the world of the Healthcare UX Designer. These professionals create apps, patient portals, medical devices, and digital healthcare experiences that are easier, safer, and less stressful for people to use. Through storytelling and career exploration, students discover how empathy, creativity, and problem-solving can shape the future of healthcare.

Possible College Majors

Healthcare:

- Human biology
- Psychology
- Public Health
- Healthcare Administration

Design:

- Graphic Design
- Digital Media Design
- Industrial Design

Biology:

- Biomedical Informatics

Other:

- User Experience (UX) Design
- Human Computer Interaction
- Information Technology
- Computer Science

Subject Alignment



Science	Math	Computer Science	English Language/Arts	Career & Technical Education (CTE)	Social Studies
Human biology	Data interpretation	User interfaces	Communication	STEM career exploration	Accessibility
Medical terminology	Statistics	App design	Audience awareness	Digital design	Ethics in healthcare
Patient care systems	Usability testing metrics	Human-computer interaction	Storytelling	Healthcare careers	Equity in technology
			Technical writing	Technology innovation	

Discussion Questions



1. **Why might a confusing healthcare app or medical device become dangerous for patients?** Encourage students to think about a time they were confused by an app or website. Possibly by clicking the wrong button and not being able to figure out what to do next.
2. **How can designers use empathy to improve healthcare experiences for children, older adults, or people with disabilities?** Students might discuss patient's emotions, fears, frustrations and abilities and how to design for a safer/easier experience.
3. **If you could redesign one frustrating experience in healthcare (like checking in at a doctor's office or using a patient portal) what would you change and why?** Invite students to think creatively about frustrating experiences such as long wait times, confusing forms, or websites that are difficult to navigate.

Extension Activity



"Redesign the Waiting Room" Challenge

Challenge students to work individually or in teams to redesign a healthcare experience from the perspective of the patient.

Students can choose:

- A doctor's office waiting room
- A hospital check-in system
- A medication reminder app
- A telehealth appointment experience

Encourage students to identify:

- Who the users might be
- What currently frustrates users
- How design could improve the experience
- One sketch or mock-up of their solution
- Have students explain how their design reduces stress, confusion or mistakes for patients.

Optional presentation formats:

- Poster
- Slide deck
- Sketch or blueprint
- Short written proposal
- Video pitch

Rabbit Hole Link



Explore the Nielsen Norman UX Training and Courses. Students can browse the library of free articles and videos and explore online training courses.

- **Nielsen Norman Group:** [Nielsen Norman Group: UX Training, Consulting, & Research](#)

Quick Teacher Tips



Follow up discussion prompts:

- What kind of mistakes could happen if a healthcare app is poorly designed?
- Imagine you are designing a hospital app for someone who has trouble seeing or hearing? What would you need to change to make the experience feel safer and easier for them?
- Why is accessibility important in healthcare?
- Think about one healthcare experience you would redesign. What is currently frustrating about it and how would your design improve it?
- If your redesign became real tomorrow, how might it improve someone's health or quality of life.
- Healthcare UX Designers combine creativity, technology, psychology, and problem-solving. Which of those skills do you think is most important in this career and why?

Full Episode Access



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