Augmented Reality in the Library
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- **Augmented Reality (AR)** overlays digital content onto reality in real time through the use of camera-enabled devices such as a mobile phone, tablet, or headset.

- **AR** explained by Common Craft (video): https://youtu.be/D-A1l4Jn6EY.

- **Aurasma –** free iOS/Android app allowing for the creation and sharing of your own augmented reality experiences from your mobile device.

- Use **Aurasma Studio** on your computer for much more flexibility in creation and sharing: https://studio.aurasma.com.

- **Aurasma** gives us the potential to enrich real world materials with computer generated content such as videos and instructional tutorials at point-of-need.

- **Ideas for practical application in the library:**

Interactive displays or games	Book reviews
Technology classes	Children's programs
Photo walls	Living art gallery
Flyers	Interactive maps
Brochures	Local history
Maker space projects – i.e. "about me"	Coloring pages
Community Events	Circle of viewpoints
Point of sale experiences at circulation or reference desk	Deaf and hard of hearing (DHH) sign language flashcards

- ❑ **More iOS/Android augmented reality applications to try:**
  - ❑ *EON Experience AVR* – gamified content across subjects such as anatomy, engineering, biology, geography, history, physics, and astronomy.
  - ❑ *Anatomy 4D* - interactive 4D experience of human anatomy.
  - ❑ *Elements 4D* - AR Chemistry app that brings the elements to life.
  - ❑ *Google Translate* - Use your camera to translate text instantly in 29 languages.
  - ❑ *Star Walk* - interactive guide to the night sky, following your every movement in real-time and allowing you to explore over 200, 000 celestial bodies.

- ❑ **Check out these videos on the future of augmented reality:**
  - ❑ (TED Talk) Alex Kipman: A Futuristic Vision of the Age of Holograms: https://www.ted.com/talks/alex_kipman_the_dawn_of_the_age_of_holograms
  - ❑ (TED Talk) Meron Gribetz: A Glimpse of the Future through an Augmented Reality Headset: https://www.ted.com/talks/meron_gribetz_a_glimpse_of_the_future_through_an_augmented_reality_headset
  - ❑ Microsoft HoloLens: Partner Spotlight with Case Western Reserve University: https://youtu.be/SKpKlh1-en0
  - ❑ zSpace is the Next Generation of Human-Computer Interaction: https://youtu.be/uUOtjnU7NlA
  - ❑ EON Experience AVR - A Vision of the Future: https://youtu.be/XonlDNlJdXc
  - ❑ EON Experience AVR - Smart Nations Powered By Augmented Virtual Reality: https://youtu.be/AqhD0pt9Fi4