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Sample accessible content resources for science students

- The Apple App Store and Google Play: Not everything is accessible; search for “accessible tools”
 - Your students often use specialized phone apps. Ask them to demonstrate; this is fun and eye-opening and can give you teaching ideas.
- W3C's list of accessibility checking tools
<https://www.w3.org/WAI/ER/tools/>
- WebAIM's list of accessibility checking standards
<https://webaim.org/intro/>
- The Perkins School Accessible Science website
<http://www.perkinselearning.org/accessible-science/getting-started>
- YouTube channels such as resourcesfortheblind
<https://www.youtube.com/watch?v=U9l0QhVipMU>
- Study Guides to the Systems of the Body: descriptions of body systems for blind students
<https://www.acls.net/study-guide-body-systems.htm>
- PhET: largely but not yet entirely accessible
<https://phet.colorado.edu>
- NIH database of free 3D printed models of cells, organs, and custom labware (teaches how to design and accurately print models; you can submit models here)
<https://3dprint.nih.gov/share>
- The American Printing House for the Blind
<http://www.aph.org/manuals/>
- Desmos open-source graphing calculator. This popular free graphing calculator for everyone works well with screen readers and is able to translate the shapes of graphs into sound.
www.desmos.com/accessibility
- NVDA screen reader download and training. NVDA is an open-source, free screen reader for Windows. A basic list of NVDA commands is attached to this page.
www.nvaccess.org
- TED talks including Daniel Kish, president of World Access for the Blind, demonstrating how he navigates by sound
<https://www.youtube.com/watch?v=ob-P2a6Mrjs>

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