

UNIVERSAL ACCESSIBILITY TOOLS



Accessibility is:

the quality of being...

1. easy to approach, reach, enter, speak with, use, or understand;
2. usable, reachable, obtainable, etc;
3. suitable or adapted for use by people with disabilities.

Accessibility is when:

A person with a disability can...



acquire the same information
engage in the same interactions
enjoy the same services

in an equally **effective**,
equally **integrated** manner,
with substantially
equivalent **ease of use**.

... as a person without a disability.

Accessibility can be confused with *accommodation*,
adaptation,
assistive technology.

(Joint Letter US Department of Justice and
US Department of Education, June 29, 2010)

We need to think: "Is it accessible?"

To whom?

Under what conditions?

For which tasks?

Accessible? Focus on:

Accessible educational materials	materials in different format (print, digital, graphics, audio), designed or enhanced in a way that makes them usable across the widest range of needs, including learners with disabilities.
Accessible formats	audio, braille, large print, tactile graphics, and digital text conforming to accessibility standards
Accessible technologies	hardware or software are universally designed to set the accessibility in the settings. We can arrange views options, add accessible fonts, set up the audio input, and reduce motor requirements necessary to use the tools. The technologies are for all but customized according to customer's needs.
Assistive technologies	text-to-speech tool, screen readers for visual impairments, speech recognition. Assistive technology reacts to a specific need. Nowadays the discourse focuses on the possibility to create digital tools designed for all at reasonable prices.

The **importance** of Accessibility for people with special needs, clarifies also in the **UN Convention on the Rights of Persons with Disabilities (CRPD) 2006**, in the article 9

For more information see CRPD. www.ohchr.org

For more information see UDL. udlguidelines.cast.org

For more information see CAST. www.cast.org

For more information about website design see W3C. www.w3.org