How does display size impact student learning?
58% of students in an average classroom can’t read content on a 70" flat panel.
Display Size
Readability-
Research methods
The study was conducted by Radius Research with 106 students* ages 12-to-22 in a traditional 30-foot-by-30-foot classroom.

Students were asked to read typical education content (charts and text-based information).

Then students had to write down what they saw.

Information was displayed on a top-selling 4K 70-inch flat panel display.

Display Size Readability Test Setup

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Flat Panel Readability Test Results

• Research results support the 4/6/8 rule widely used by A/V professionals to determine the appropriate sized displays for classrooms, conference rooms and large venues.

  • 4/6/8 Rule prediction of students in viewing range = 12
  • Average number of students able to read content in research study = 13

• Results are also consistent with InfoComm DISCAS draft standards by display sizing published by InfoComm International.