

**How does  
display size  
impact student  
learning?**



# 58%

of students in an average classroom  
can't read content on a 70" flat panel

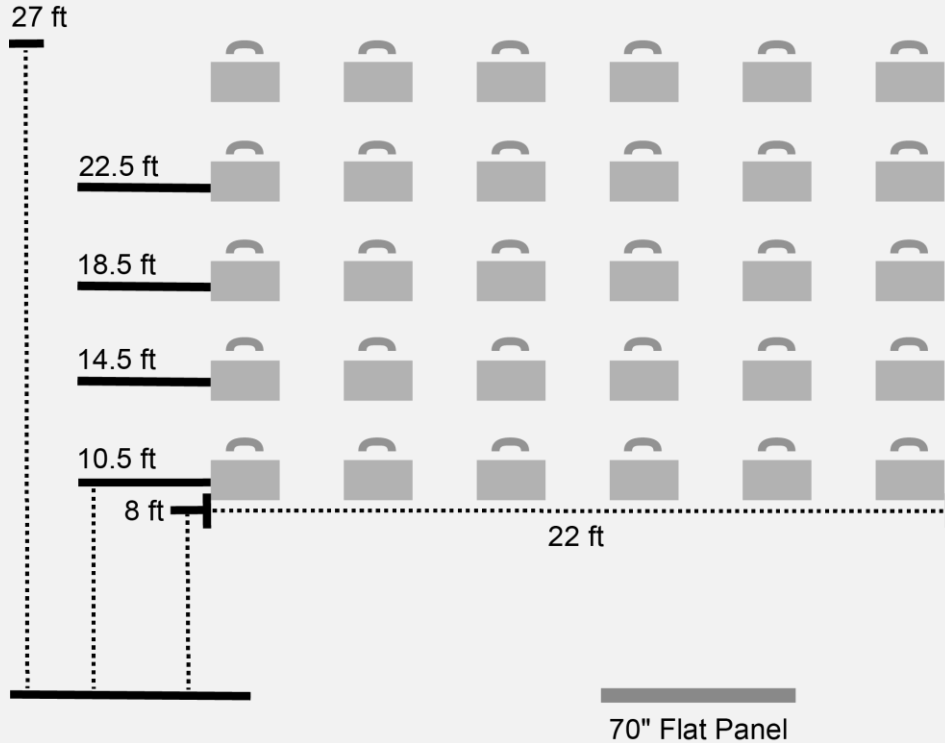


Leading 70-inch class 4k resolution flat panel in a 22' (width) by 27' (depth) classroom-style arrangement. When asked to copy down six short items of information from slides being displayed, 58% of students ages 12-22 copied at least one item incorrectly. Based on U.S. research conducted by Radius Research.



# Display Size Readability- Research methods

## Display Size Readability Test Setup

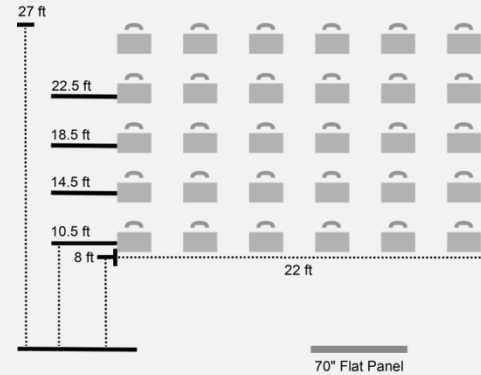


Drawing not to scale

- 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

# 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.





**Thank You**