



# THEN vs NOW

How Technology in Schools Has Changed Over Time



**1900 - 1920**  
*The one-room schoolhouse*



**1923**  
*Classrooms begin incorporating radios into penmanship, accounting, history and arithmetic lessons*



**1930s**  
*Overhead projectors, initially used for US military training, quickly spreads to schools*



**1933**  
*52% of schools are using silent films and 3% are using films with sound*



**1939**  
*The first TV appears in a classroom in LA*



**1950**  
*Headphones become popular in school language labs*



**1960s**  
*Whiteboards are invented to replace the Chalkboard*



**1964**  
*BASIC is developed at Dartmouth College with the intent of giving students a simple programming language that is easy-to-learn*



**1967**  
*Texas Instruments develops the handheld calculator*



**1973**  
*The Minnesota Educational Computing Consortium is founded. The organization popularizes school software such as Oregon Trail ('74) and Lemonade Stand ('73)*



**1972**  
*Scantrons are used to automatically grade multiple choice tests*



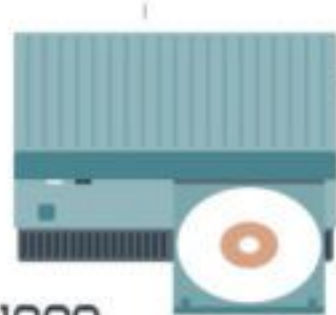
**1985**  
*Touch typing software Mavis Beacon Teaches Typing is developed and popularized in schools*



**1984**  
*Apple Macintosh computer is introduced. The ratio of computers to students in US schools is 1-92*



**1988**  
*Laptops are introduced and are eventually utilized as teaching tools*



**1990**  
*CD-ROMs become a predominant form of storage*



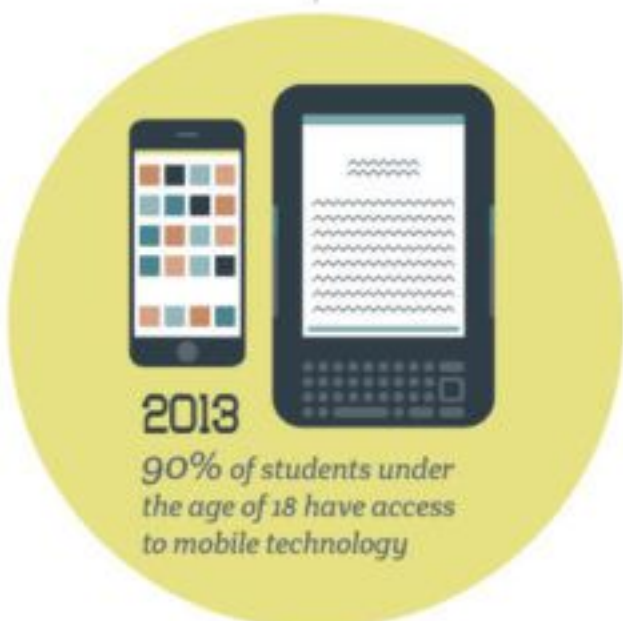
**1991**  
*SMART boards are introduced in schools*



**2002**  
*According to the National Center for Education Statistics (NCES), about 99% of American public schools have Internet access. About 35% had Internet access in 1994*



**2012**  
*1.5 million iPads are used in US schools*



**2013**  
*90% of students under the age of 18 have access to mobile technology*