Why Americans Love to Reform the Public Schools

William J. Reese
University of Wisconsin at Madison

Americans from all walks of life espouse the cause of school reform. The past generation has witnessed the rise of education governors and education presidents. The CEO's of major corporations, big-city mayors, private sector entrepreneurs, inner city parents, the heads of teachers' unions, and every politician under the sun have often found the mantra of school reform irresistible. Public Broadcasting System documentaries, B-movies starring heroic teachers (sometimes armed with clubs) battling ignorance and the streets, and editorials in local newspapers about this or that educational crisis have kept the problems and promise of public schools visible, though the public's attention span is often about as long lived as morning glories.

Over the last century, schools have become multi-purpose institutions, which is why they are so easy to criticize and forever in need of reform. Schools are expected to feed the hungry, discipline the wayward, identify and encourage the talented, treat everyone alike while not forgetting that everyone is an individual, raise test scores but also feelings of self-worth, ensure winning sports teams without demeaning academics, improve standards but also graduation rates, provide for the differing learning styles and capacities of the young while administering common tests, and counter the crass materialism of the larger society while providing the young with the skills and sensibilities to thrive in it as future workers. No other institution in American society carries this weight on its shoulders. No other institution is so public, familiar, and exposed to such scrutiny. The current penchant of equating a school's worth with its test scores makes sense in a sports-saturated world of winners and losers, but does it really reflect society's full range of expectations for the schools?

The bewildering, often contradictory array of expectations ensures that some people are perpetually unhappy with public education. And so it's the case that school reform remains a very hardy perennial. In good times and bad, teachers enjoy relatively low status as professionals and are routinely ridiculed in the press yet ironically always have tall orders to fill from the public's wish list: to strengthen children's character, morals, manners, work ethic, civic consciousness, racial and multi-cultural sensitivities, and anything else needing
improvement. Nothing in the preceding sentence deals directly with academic achievement. Unlike test results, these familiar goals may be important but difficult to measure and quantify and to know when one has reached them. Moreover, this begs the question of why teachers, so often accused of teaching the basics so poorly, should be entrusted with other grave responsibilities.2

Future historians will have their hands full trying to explain why the public and countless policy makers in the past half-century regarded every social, economic, and political ill as an educational problem. Why were schools, as in previous generations, supposed to compensate for the deficiencies of parents, religious leaders, or the actions of high placed government officials? When Sputnik was launched in the late 1950s, critics especially found the schools wanting, even though scientists in the defence establishment and politicians in Washington received some condemnation. Similarly, when Japan’s economy boomed in the early 1980s and America’s sputtered, many people principally blamed the schools, not Detroit. The nation was at risk because of a lousy school system, said the Reagan administration. When the economy improved, teachers hardly shared in the credit; indeed, criticisms of the schools continued unabated.3

After Japan’s economy precipitously declined, American admirers of its schools were notable for their silence. This should have lessened the number of seat-of-the-pants’ judgments about school quality and cause-and-effect relationships between schools and the economy. But the schools still enjoyed a largely negative press and remained an endless field of dreams for assorted reformers. Accountability in all its permutations lost none of its appeal. By the late 1980s, national education goals, targeted for the year 2000, attracted bipartisan support including that of a young governor from Arkansas, Bill Clinton. Among other things, America was going to lead the world in math and science achievement. Both the Clinton presidency and Goals 2000 are now history. Today the schools are directed by the Bush administration to leave no child behind, or at least untested, even in cash-strapped, poor districts, some of which spend much less per capita on the instruction of their pupils than affluent neighbors. Obviously, those who think only Democrats endorse unfunded mandates have not been paying attention. Over the last generation, Republicans have mainly kept school reform prominent, with Democrats trailing behind.4

For all the easy talk about educational improvement, reformers closer to the trenches than to a pundit’s mighty pen have long despaired at effecting comprehensive changes in the schools. All institutions may be complicated places, but it’s hard to change the inner life of the typical school. That has not stopped anyone from trying, or from at least writing or talking about it. Various reformers typically aim their sights on different problems — bureaucracy, poorly trained teachers, low reading scores, low graduation rates, uninspired
pedagogy, an outmoded or impractical curriculum, poor achievement in math and science and everything else 18 year olds don’t know well. The job of improvement is rarely comprehensive, despite occasional rhetorical spin, and victory (as in any war on sometimes multiple, elusive targets) proves nearly impossible. Schools affect so many different aspects of the lives of children and youth that the playing field for constructive change has neither clear boundaries nor universally accepted ground rules.

A many splendored thing, school reforms sometimes resemble, at least superficially, those of yesteryear. The discovery that poor children start life with educational and social disadvantages caused some reformers in the nineteenth century to champion kindergartens; a century later, Head Start, while hardly a new version of the child’s garden, shared similar assumptions about poverty and the need for early intervention. Some reforms seem timeless. That schools can teach vocational skills, especially to those who are not prize scholars, remains popular even though study after study reveals little economic payoff for the academically challenged. Still other reforms try to eliminate earlier ones. For many decades, for example, the educational establishment shared the time-tested view that what was good for General Motors was good for education; it nearly unanimously championed the consolidation of school districts and construction of big schools. Small was not beautiful. Bigger schools promised to save money through economies of scale; bigness also allowed the spread of more courses and electives. But critics in the 1960s and 1970s said that large impersonal schools bred anomie and spawned curricular chaos. Another reform, perhaps — such as ‘schools within schools’ — would help save the day. Other reformers applauded the concept of multi-age classrooms, once the mainstay of one-room schools, which took over a century for reformers to eliminate. One generation’s improvement had become another’s source of complaint.

Why do Americans love to reform the schools? My answer has three parts. First, there is an old and persistent cultural strain in American history, derived from many sources, that seeks human perfection and sees education and schooling as essential to that perfectibility. That goal is high enough to guarantee that most people will not cross the finish line. And this means that numerous citizens at any point in time bemoan the quality of the public schools, which cannot simultaneously achieve laudable but mutually contradictory goals, such as high standards and equality. Second, many Americans believe that our nation is uniquely respectful of the individual and, as a corollary to that belief, has a remarkably fluid social order. Individuals are so highly regarded that they are held personally responsible for their school performance. In the modern world, schools decisively help determine which individuals will or will not attend college, who will rise into the professions or sink into the service economy. When schools cannot produce success for
everyone, citizens often blame teachers, not the more powerful folks in charge of the economy. Third, as alluded to earlier, over the past two centuries America's public schools have assumed so many responsibilities for the care, discipline, and education of the young that they inevitably disappoint many people. The current mania for standardized testing hardly means that schools have shed their many social functions, many unrelated directly to academic achievement. The dream of perfection, the supreme faith in the individual and social mobility through appropriate schooling, and the unexamined assumption that schools should cure whatever ails the nation make educational reform a constant concern in American society.

I.

One primal factor in America's fascination with school reform is an enduring popular faith in social improvement and human perfectibility, despite abundant contrary evidence about the behavior of real people. Some of the most famous original white settlers in America grappled with the ancient problem of free will and question of human improvement. Readers may recall from history class that the Puritans settled in the Massachusetts Bay colony in the 1630s and 1640s. The nation's leading satirist of the 1920s, H.L. Mencken, defined 'puritanism' as 'the haunting fear that someone, somewhere, may be happy'. Living in the age of Freud, Mencken blamed the Puritans for every contemporary repressive movement, from the Ku Klux Klan to prohibition. They are also often stereotyped as dour individuals, though their penchant for hanging witches in Salem and Quakers in Boston hasn't helped their reputation. Fundamentally, however, the Puritans who came to America, unlike those who stayed in England, were reformers, not revolutionaries. They did not behead kings but they did found schools. They hardly intended to build a comprehensive or inclusive system of education in any modern sense, yet they certainly shaped cultural attitudes about the young and about schools that resonate still.

The Puritans were part of the larger Protestant Reformation that began in the German states in the early sixteenth century thanks to the labors of Martin Luther. Part of a multi-pronged assault on the authority of the Church of Rome, Protestant reformers throughout Europe stressed the importance of individual conscience in matters of faith. Access to the word of God and divine wisdom, they said, should derive not from the teaching of priests but through individual access to the Bible. That required a widening of literacy and greater emphasis on education in general and schools in particular. Arising in the late 1500s during Elizabeth's reign, the English Puritans shared this larger Protestant faith in the individual and in the importance of literacy; they wanted to purge the Anglican Church, set up by Elizabeth's father Henry VIII, of its popish trappings. By the 1620s, however, as the economy soured and religious repression by the Stuarts intensified, they concluded that New rather than Old
England might be a better place to build a model society and reform their world.⁷

One of their leaders, John Winthrop, reminded his brethren that the Puritans did not wish to break away from England but serve as an example to it. In what became a famous speech given on the voyage to New England, Winthrop urged the establishment of a 'city upon a hill', a beacon of Christian light so powerful that it would illuminate and reform their sinful homeland. This idea of creating a model commonwealth was shared by some rivals such as the Quakers of the middle colonies. Like other Protestant reformers, Puritan leaders held a high standard for personal probity and achievement, and their theology and everyday experience taught them that humans, especially the young, were morally frail and imperfect. Many of these little sinners were destined to fail on earth and suffer an eternal winter below.⁸

By the second generation of settlement, the Puritans were loudly bemoaning the failures of their society: the young were using too much foul language, they claimed, and young men grew their hair too long and were insolent and disrespectful of their elders. In numerous sermons and published tracts, ministers denounced these evil tendencies, including the horrible reality that many second and third generation Puritans increasingly failed to have a born-again experience, or religious conversion. Technically, they were not Christians. The American Jeremiad — named for the gloomy prophet of the Old Testament — was born. Cultural decline, it seemed, was the order of the day. For many, saintly perfection was an unattainable ideal, though Puritan striving helped counter this declension and led some to worldly success, which became a visible sign of the elect. According to Max Weber, this strain of Protestantism nurtured the famous work ethic that became the midwife of early capitalism and a more secular culture.⁹

By setting the standard high for right living, economic success, and intellectual achievement (which included founding Harvard College in 1636), the Puritans encouraged a level of attainment beyond the reach of many. Standardized tests to measure academic success lay far in the future, and no one had yet devised national educational goals or timetables, but the Puritan dream of a city upon a hill was the first of many utopian aspirations of what was possible in America. Realizing that parents and churches alone could not lead the young toward literacy and decency, the Puritans (like Luther and his followers in Germany) established tax-supported elementary and grammar schools. These schools helped make New England one of the most literate parts of the world by the time of the American Revolution.¹⁰

The Puritans not only contributed to the notion of community responsibility for establishing schools. They also provided later generations, even those that grew more secular, with a ritualized way of thinking about society and young people. They frequently reminded listeners of the failings of
The second animating force that generates enthusiasm for school reform is the idea that society should respect and help each worthy individual, who has unparalleled opportunities to rise in the social order. These twined ideals also have a relatively old lineage in America. Over a century after the first Puritans arrived in the New World, Thomas Jefferson—a southern aristocrat and revolutionary—presented seminal ideas about the individual, schools, and the social order in his only book, *Notes on the State of Virginia*, written in 1781 and first published in France. Jefferson notably endorsed free elementary schools for all white children, funded by the state; the most talented boys would progress upward to grammar schools and a smaller number afterwards to the state university. Individual geniuses, he said in the indelicate language of the day, would 'be raked from the rubbish', or common lot. The class system, closed in Europe, was permeable in America.

Like other Founding Fathers, Jefferson in his many writings often contrasted the values of the new republic with the corruptions of Europe, where birth determined everything. In America, he said, the abundance of land, access to schools, and willingness to work hard would allow talent to rise. The success of Benjamin Franklin, born into a poor family of Puritans who rose to wealth and international prominence, was recounted in innumerable school books in the coming century, the most famous example of what the virtues of the young, whose behavior vividly contrasted with the achievements of their elders. As the *New England Primer* taught generations of children in the colonial era, 'After Adam's Fall, we sinn'd all'. But the young seemed to sin and falter the most. Periodic waves of evangelical revivalism in the coming centuries reminded many citizens of the sins of society, and the measurable results of schooling later showed how far up the achievement ladder the young still needed to climb. Most never reached the top, though a mediocre report card seemed less onerous than a long stretch in hell.

The heavily Protestant culture of early American society has strongly helped influence how citizens view their schools. The idea of America as a 'city on a hill' recurs in political oratory. Adults who have never heard of the *New England Primer* or a Puritan jeremiad often claim that the younger generation is for whatever reasons less hard working, achievement oriented, and disciplined. Test scores seem to fall more than rise, bad manners are too common, teen crimes more vicious. And the schools—the embodiment of hope followed by despair—seem unable to restore an imagined past of high achievement befitting a nation presumably founded on lofty ideals. The humorist Garrison Keillor understandably gets a laugh whenever he describes all the children of Lake Wobegone as 'above average', which only occurs in real exams if enough people cheat or if the books are cooked.

II.

The second animating force that generates enthusiasm for school reform is the idea that society should respect and help each worthy individual, who has unparalleled opportunities to rise in the social order. These twined ideals also have a relatively old lineage in America. Over a century after the first Puritans arrived in the New World, Thomas Jefferson—a southern aristocrat and revolutionary—presented seminal ideas about the individual, schools, and the social order in his only book, *Notes on the State of Virginia*, written in 1781 and first published in France. Jefferson notably endorsed free elementary schools for all white children, funded by the state; the most talented boys would progress upward to grammar schools and a smaller number afterwards to the state university. Individual geniuses, he said in the indelicate language of the day, would 'be raked from the rubbish', or common lot. The class system, closed in Europe, was permeable in America.

Like other Founding Fathers, Jefferson in his many writings often contrasted the values of the new republic with the corruptions of Europe, where birth determined everything. In America, he said, the abundance of land, access to schools, and willingness to work hard would allow talent to rise. The success of Benjamin Franklin, born into a poor family of Puritans who rose to wealth and international prominence, was recounted in innumerable school books in the coming century, the most famous example of what the virtues of
Poor Richard yielded. As Jefferson and countless writers noted in the early national period, schools and other educational institutions would also popularize learning, nurturing the intelligence necessary for political leaders and voters alike to sustain the new republic. In contrast to Europe, individuals could enjoy greater economic mobility and political freedom and share in the pursuit of happiness.

Critics then as now exposed the hypocrisy of Jefferson’s meritocratic schemes, since women and especially slaves and free blacks were denied opportunities initially touted for white males. These revisionist views have not gone unchallenged. In a recent history of the American Revolution, Gordon S. Wood places the Founders in their own eighteenth century context and urges readers not to judge them by today’s standards. After all, the revolutionaries lived in a world of monarchs and class systems with intricate and mutually reinforcing forms of political dependency. Ideals such as democracy, individual freedom, and human equality that became enshrined in documents such as the Declaration of Independence and the Constitution were revolutionary in their day, and they ultimately provided oppressed groups with the tools to fight for human rights and social justice. Scholars such as Joseph Ellis similarly acknowledge that the Founders were not demigods but flawed individuals living in another age. They were unwilling to end slavery, which they knew was immoral and surely contradicted the natural rights of man, which the Revolution claimed to secure. Knowing that the South would secede if abolition triumphed, the Founders preserved the fragile republic, at the expense of black slaves.

Jefferson’s views on state-assisted schooling were advanced and enlightened in their day. They contradicted the traditional belief that education largely confirmed one’s place in the social order; not surprisingly, his plans for schools never came to fruition in his lifetime. Virginia’s legislators repeatedly ignored his endorsement of a state system of schools, even for white children. But Jeffersonian ideals influenced those who guided the creation of free public schools during the nineteenth century, first in the antebellum North and then, after the Civil War, in the former slave states. Jefferson’s support for the concept of a fluid social order and belief that talent inheres in all social classes remains a guiding ideology of many Americans. Every time a pupil competes for the best grades it reinforces the notion that individuals strongly determine their own destiny and that schools are central to the struggle for economic survival and preferment.

Whether such claims are true and desirable or honored more in theory than in practice has long been debated. But that is beside the point. The ideals are commonly espoused if never fully realized. The Puritans and other Protestants emphasized the central role of the individual in learning, principally at first to read the Bible, and Jefferson — an architect of the radical notion of the
Ill.

We may seem far removed from the worlds of Thomas Jefferson and Horace Mann, but American faith in the ability of schools to address innumerable social, economic, and political ills seems unshakeable. Indeed, the third reason why Americans love to reform their schools is that they are unable to imagine that many everyday problems lack a clear educational source and educational solution. That is, since at least the mid-nineteenth century, virtually every social group, including those once excluded from the system, has appealed to separation of church and state — reinforced this emphasis upon the individual by saying that school children with the most individual talent would excel in school and might later advance in society. The blending of two basic ideas — that human striving toward perfection was the ideal, and that the individual through educational means became responsible for the survival of the republic and perpetuation of an open social system — was, for those who built public school systems in the nineteenth century, an intoxicating drink.

The establishment of state-funded public school systems in New England in the pre-Civil War era reflected an evangelical faith in the power of schools, literacy, and broadly acknowledged Christian values. The greatest school reformer of the age was Horace Mann, born in 1796. Raised in a Puritan household in Massachusetts and later a convert to a more liberal Unitarianism, Mann popularized the utopian possibilities of schooling. Schools, he said, would help assimilate the millions of immigrants arriving from Germany and Ireland, teaching them American values, Christian (Protestant) morals, and the values of Poor Richard. As his rhetoric reached fever pitch, he even promised that schools could end poverty, crime, and social strife. The prospects of human perfection, social harmony, and the safety of the republic were soon tied up with the fate of the emerging public school system.

In an editorial in the Common School Journal in 1841, Mann editorialized that both Protestant Sunday schools and common schools were ‘the great leveling institutions of this age. What is the secret of aristocracy? It is that knowledge is power’. While a Whig and not a Jacksonian Democrat (the political descendants of Jefferson’s Republicans), Mann applauded the Jeffersonian view that schools existed to diffuse knowledge and reward excellence and should teach rich and poor alike in a common system. In a famous report in 1848, Mann described the schools as ‘the great equalizer of the conditions of men — the balance-wheel of the social machinery’. As the historian Merle Curti once wryly observed, schools were somehow going to protect property and the class advantages of the rich while also eliminating class distinctions by empowering the poor. Was there anything schools could not do?

III.

We may seem far removed from the worlds of Thomas Jefferson and Horace Mann, but American faith in the ability of schools to address innumerable social, economic, and political ills seems unshakeable. Indeed, the third reason why Americans love to reform their schools is that they are unable to imagine that many everyday problems lack a clear educational source and educational solution. That is, since at least the mid-nineteenth century, virtually every social group, including those once excluded from the system, has appealed to
the schools to address the shortcomings of families, churches, and the workplace.

Historically, public schools have never made the life of the mind, or mastery of academic subjects, their central or only mission. Consider the multiple roles that have accrued to schools over time. In the 1880s, the typical white child in the northern states, the most favored region, received only a few years of schooling, mostly in ungraded one-room buildings. By the early twentieth century, however, even high school enrollments were booming; secondary enrollments doubled every decade between 1890 and 1930, and the South, too, began investing more heavily in (albeit racially segregated) secondary education. Everywhere the role of schooling overall expanded so dramatically that leading school officials wondered if there was a central purpose to modern education. Listen to the words of Nathan C. Schaeffer, the state school superintendent in Pennsylvania, published in 1914 in the School Journal.

'Perhaps the teachers should feel complimented', he said. 'The Bible, the ballot, the flag, fires, forests, the conservation of our natural resources, the high price of living, peace and war, trades and industry, agriculture, horticulture, commerce and home economics, manual training, moral training, religious education, music, gymnastics, swimming, dancing, social center activities, health, sanitation, vaccination, medical inspection, sex hygiene, motherhood, and a host of other problems, too numerous to mention, are handed over to the teacher after the church, the Y.M.C.A., and the Y.W.C.A., have failed to furnish a satisfactory solution'. The attitude of Americans seemed to be that 'the schools exist for the sake of the children, and everything possible should be done to fit them for citizenship, for gainful occupations, and for complete living'.

In contemporary America, schools often feed the hungry and malnourished. Since private corporations lack any strong system of apprenticeships, Americans periodically demand better vocational programs to aid young people in the transition from school to work. School curricula have diversified to try to find something every individual will enjoy or succeed at. Outside of the classroom, student organizations from Future Teachers of America to Bible study to student government also engage student interest. Competitive sports — hockey in Minnesota, basketball in Utah, and football in Texas — draw more adults to sports arenas than ever show up for the typical Parent Teacher Organization meeting. So many different things transpire in school simultaneously that it necessarily lacks a coherent purpose or rationale.

Parents want schools to help improve the life chances of their children, to ensure social order and stability, and to teach responsibility, hard work, delayed gratification, and any other values deemed in short supply in the larger society. Social ills in other nations might lead to revolution, but Americans establish a new course or curriculum or program. Where in Europe, for example,
can one find a secondary school that on any given day not only teaches calculus but also driver's education, that sponsors the computer club as well as a student rally before the big game, and provides job counseling and has tryouts for the cheerleading squad? In recent decades, federal laws have also required greater educational access for children whose disabilities had once routinely barred them.

Federal legislation such as 'No Child Left Behind' mandate increasingly heavy doses of standardized testing to measure student progress in academic subjects. But this hardly limits what Americans routinely want from their schools. According to a 1990 Gallup poll, 90 per cent favored requiring drug abuse education, 84 per cent alcohol abuse education, and over 70 per cent sex education and information about AIDS. Well over half wanted instruction on environmental issues as well as in 'character education'. Nearly half thought schools should teach parenting skills. Another poll found that over 90 per cent wanted schools to teach honesty, democracy, tolerance, patriotism, 'caring for friends and family members', 'moral courage', and the 'golden rule'. The vast majority of those polled in 1993 wanted schools to provide free meals, eye and ear exams, and inoculations against communicable illnesses; some adults even wanted condoms distributed to whoever requested them.

The multiple purposes of modern public schools ensure that they are forever, from some one's point of view, doing a poor job, and in need of reform. Families and churches have hardly retreated as influential forces in the lives of children and youth, but the growth and reach of public schools in the twentieth century have been nothing short of phenomenal. In the last two generations, expectations have grown dramatically. Rising expectations that emanated from the civil rights movement and the Great Society led many citizens to demand better and more equal treatment for their children to enable them to share in the American dream. As educational credentials have risen in importance, the price of failure in the classroom has correspondingly accelerated, intensifying anxieties among parents and the public about the prospects of the young. To secure high academic standards for everyone is nevertheless to dream of something that has never existed in our society. What the larger society cannot seem to create — a more just society and economically fairer world — has often been laid as a problem at the schoolhouse door. Can schools solve fundamental problems of economic and social injustice that they did not principally create?

When the schools fail to attain the highest standards, or the young seem far from perfect compared to their elders, the old lament of declension, shorn of its religious roots, sprouts anew. When the economy falters and good jobs become scarce, public complaints about the failures of teachers and the schools intensify. That schools try to serve so many competing interests testifies to a broad public faith in the possibilities of social and individual
improvement. But it guarantees that the current fascination with standardized test scores on academic subjects will only scratch the surface of what Americans routinely expect of the schools. In 1999, when asked by the Gallup poll if they favored 'reforming the existing public school system' or 'finding an alternative' to it, 71 per cent said they preferred 'reform'. Given the widespread criticisms of schools during the last few decades, this is a remarkable statistic. It mattered not that the pollsters did not define 'reform'. Like the pursuit of happiness, reform is elusive yet never loses its popular appeal.23

NOTES
4. The themes developed in this essay are elaborated upon in my forthcoming book, America's Public Schools: Continuity and Change Since the Early Nineteenth Century (Baltimore: The Johns Hopkins University Press, 2005), which contains a lengthy bibliography of primary and secondary sources.
7. Taylor, American Colonies, chapter 8.
8. Rutman, Winthrop's Boston, chapters 1–2, on the multiple meanings of the phrase 'city upon a hill.'
9. Axtell, School Upon a Hill, chapter 1; and Rutman, Winthrop's Boston, chapter 6. Alan Taylor argues that the Jeremiad should be viewed as a sign that idealism remained a guiding ideal of Puritan New England. As he writes in American Colonies, 'Finding the present generation wanting, a jeremiad exhorted listeners to reclaim the lofty standards and pure morality ascribed to the founders of New England. Paradoxically, the popularity of the genre attested to the persistence, rather than the decline, of Puritan ideals in New England.' (page 185). Also read Max Weber, The Protestant Ethic and the Spirit of Capitalism (New York: Charles Scribner's Sons, c. 1958).


11. On the New England Primer, see Axtell, School Upon a Hill, 36–37, 143–44.


20. Numerous writers have commented on the social lives of teenagers and the
influential role of sports in American secondary schools; see, for example, James S. Coleman, *Adolescents and Schools* (New York: Basic Books, 1965).
21. Stanley M. Elam, 'The 22nd Annual Gallup Poll Of the Public's Attitudes Towards the Public Schools', *Phi Delta Kappan* 72 (September 1990): 49-50; and Stanley M. Elam, Lowell C. Rose, and Alex M. Gallup, 'The 25th Annual Phi Delta Kappa/Gallup Poll Of the Public's Attitudes Toward the Public Schools', *Phi Delta Kappan* 75 (October 1993): 144-45;
23. Lowell C. Rose and Alec M. Gallup, 'The 31st Annual Phi Delta Kappa/Gallup Poll Of the Public's Attitudes Toward the Public Schools', *Phi Delta Kappan* 81 (September 1999): 44.