Unit 2: Education



Schools teach us far more than reading, writing, and arithmetic. They also socialize us to cultural norms and expectations.

From the moment a child is born, his or her education begins. At first, education is an informal process in which an infant watches others and imitates them. As the infant grows into a young child, the process of education becomes more formal through play dates and preschool. Once in grade

school, academic lessons become the focus of education as a child moves through the school system. But even then, education is about much more than the simple learning of facts.

Our education system also socializes us to our society. We learn cultural expectations and norms, which are reinforced by our teachers, our textbooks, and our classmates. (For students outside the dominant culture, this aspect of the education system can pose significant challenges.) You might remember learning your multiplication tables in second grade and also learning the social rules of taking turns on the swings at recess. You might recall learning about the U.S. Constitution in an American Government course as well as learning when and how to speak up in class.

Schools also can be agents of change, teaching individuals to think outside of the family norms into which they were born. Educational environments can broaden horizons and even help to break cycles of poverty and racism.

Of course, America's schools are often criticized—for not producing desired test results, or for letting certain kids slip through the cracks. In all, sociologists understand education to be both a social problem and a social solution—and a rich area of study.

1: Education around the World

Education is a social institution through which a society's children are taught basic academic knowledge, learning skills, and cultural norms. Every nation in the world is equipped with some form of education system, though those systems vary greatly. The major factors affecting education systems are the resources and money that are utilized to support those systems in different nations. As you might expect, a country's wealth has much to do with the amount of money spent on education. Countries that do not have such basic amenities as running water are unable to support robust education systems or, in many cases, any formal schooling at all. The result of this worldwide educational inequality is a social concern for many countries, including the United States.

International differences in education systems are not solely a financial issue. The value placed on education, the amount of time devoted to it, and the distribution of education within a country also play a role in those differences. For example, students in South Korea spend 220 days a year in school, compared to the 180 days a year of their United States counterparts (Pellissier 2010). As of 2006, the United States ranked fifth among 27 countries for college participation, but ranked 16th in the number of students who receive college degrees (National Center for Public Policy and Higher Education 2006). These statistics may be related to how much time is spent on education in the United States.

Then there is the issue of educational distribution within a nation. In December 2010, the results of a test called the Program for International Student Assessment (PISA), which is administered to 15-year-old students worldwide, were released. Those results showed that students in the United States had fallen from 15th to 25th in the rankings for science and math

(National Public Radio 2010). Students at the top of the rankings hailed from Shanghai, Finland, Hong Kong, and Singapore.

Analysts determined that the nations and city-states at the top of the rankings had several things in common. For one, they had well-established standards for education with clear goals for all students. They also recruited teachers from the top 5 to 10 percent of university graduates each year, which is not the case for most countries (National Public Radio 2010).

Finally, there is the issue of social factors. One analyst from the Organization for Economic Cooperation and Development, the organization that created the test, attributed 20 percent of performance differences and the United States' low rankings to differences in social background. Researchers noted that educational resources, including money and quality teachers, are not distributed equitably in the United States. In the top-ranking countries, limited access to resources did not necessarily predict low performance. Analysts also noted what they described as "resilient students," or those students who achieve at a higher level than one might expect given their social background. In Shanghai and Singapore, the proportion of resilient students is about 70 percent. In the United States, it is below 30 percent. These insights suggest that the United States' educational system may be on a descending path that could detrimentally affect the country's economy and its social landscape (National Public Radio 2010).

Formal and Informal Education

As already mentioned, education is not solely concerned with the basic academic concepts that a student learns in the classroom. Societies also educate their children, outside of the school system, in matters of everyday practical living. These two types of learning are referred to as formal education and informal education.

Formal education describes the learning of academic facts and concepts through a formal curriculum. Arising from the tutelage of ancient Greek thinkers, centuries of scholars have examined topics through formalized methods of learning. Education in earlier times was only available to the higher classes; they had the means for access to scholarly materials, plus the luxury of leisure time that could be used for learning. The Industrial Revolution and its accompanying social changes made education more accessible to the general population. Many families in the emerging middle class found new opportunities for schooling.

The modern U.S. educational system is the result of this progression. Today, basic education is considered a right and responsibility for all citizens. Expectations of this system focus on formal education, with curricula and testing designed to ensure that students learn the facts and concepts that society believes are basic knowledge.

In contrast, informal education describes learning about cultural values, norms, and expected behaviors by participating in a society. This type of learning occurs both through the formal education system and at home. Our earliest learning experiences generally happen via parents, relatives, and others in our community. Through informal education, we learn how to dress for different occasions, how to perform regular life routines like shopping for and preparing food, and how to keep our bodies clean.

Cultural transmission refers to the way people come to learn the values, beliefs, and social norms of their culture. Both informal and formal education include cultural transmission. For example, a student will learn about cultural aspects of modern history in a U.S. History classroom. In that same classroom, the student might learn the cultural norm for asking a classmate out on a date through passing notes and whispered conversations.

Access to Education

Another global concern in education is universal access. This term refers to people's equal ability to participate in an education system. On a world level, access might be more difficult for certain groups based on class or gender (as was the case in the United States earlier in our nation's history, a dynamic we still struggle to overcome). The modern idea of universal access arose in the United States as a concern for people with disabilities. In the United States, one way in which universal education is supported is through federal and state governments covering the

cost of free public education. Of course, the way this plays out in terms of school budgets and taxes makes this an often-contested topic on the national, state, and community levels.

A precedent for universal access to education in the United States was set with the 1972 U.S. District Court for the District of Columbia's decision in *Mills v. Board of Education of the District of Columbia*. This case was brought on the behalf of seven school-age children with special needs who argued that the school board was denying their access to free public education. The school board maintained that the children's "exceptional" needs, which included mental retardation and mental illness, precluded their right to be educated for free in a public school setting. The board argued that the cost of educating these children would be too

expensive and that the children would therefore have to remain at home without access to education.

This case was resolved in a hearing without any trial. The judge, Joseph Cornelius Waddy, upheld the students' right to education, finding that they were to be given either public education services or private education paid for by the Washington, D.C., board of education. He noted that

Constitutional rights must be afforded citizens despite the greater expense involved ... the District of Columbia's interest in educating the



excluded children clearly must outweigh its interest in preserving its financial resources. ... The inadequacies of the District of Columbia Public School System whether occasioned by insufficient funding or administrative inefficiency, certainly cannot be permitted to bear more heavily on the "exceptional" or handicapped child than on the normal child (*Mills v. Board of Education* 1972).

Today, the optimal way to include differently able students in standard classrooms is still being researched and debated. "Inclusion" is a method that involves complete immersion in a standard classroom, whereas "mainstreaming" balances time in a special-needs classroom with standard classroom participation. There continues to be social debate surrounding how to implement the ideal of universal access to education.

2: Theoretical Perspectives on Education

While it is clear that education plays an integral role in individuals' lives as well as society as a whole, sociologists view that role from many diverse points of view. Functionalists believe that education equips people to perform different functional roles in society. Conflict theorists view education as a means of widening the gap in social inequality. Feminist theorists point to evidence that sexism in education continues to prevent women from achieving a full measure of social equality. Symbolic interactionists study the dynamics of the classroom, the interactions between students and teachers, and how those affect everyday life. In this section, you will learn about each of these perspectives.

Functionalism

Functionalists view education as one of the more important social institutions in a society. They contend that education contributes two kinds of functions: manifest (or primary) functions, which are the intended and visible functions of education; and latent (or secondary) functions, which are the hidden and unintended functions.

Manifest Functions

There are several major manifest functions associated with education. The first is socialization. Beginning in preschool and kindergarten, students are taught to practice various societal roles. The French sociologist Émile Durkheim (1858–1917), who established the academic discipline of sociology, characterized schools as "socialization agencies that teach children how to get along with others and prepare them for adult economic roles" (Durkheim 1898). Indeed, it seems that schools have taken on this responsibility in full.

This socialization also involves learning the rules and norms of the society as a whole. In the early days of compulsory education, students learned the dominant culture. Today, since the culture of the United States is increasingly diverse, students may learn a variety of cultural norms, not only that of the dominant culture.

School systems in the United States also transmit the core values of the nation through manifest functions like social control. One of the roles of schools is to teach students conformity to law and respect for authority. Obviously, such respect, given to teachers and administrators, will help a student navigate the school environment. This function also prepares students to enter the workplace and the world at large, where they will continue to be subject to people who have authority over them. Fulfillment of this function rests primarily with classroom teachers and instructors who are with students all day.

Education also provides one of the major methods used by people for upward social mobility. This function is referred to as social placement. College and graduate schools are viewed as vehicles for moving students closer to the careers that will give them the financial freedom and security they seek. As a result, college students are often more motivated to study areas that they believe will be advantageous on the social ladder. A student might value business courses over a class in Victorian poetry because she sees business class as a stronger vehicle for financial success.

Latent Functions

Education also fulfills latent functions. As you well know, much goes on in a school that has little to do with formal education. For example, you might notice an attractive fellow student when he gives a particularly interesting answer in class—catching up with him and making a date speaks to the latent function of courtship fulfilled by exposure to a peer group in the educational setting.

The educational setting introduces students to social networks that might last for years and can help people find jobs after their schooling is complete. Of course, with social media such as Facebook and LinkedIn, these networks are easier than ever to maintain. Another latent function is the ability to work with others in small groups, a skill that is transferable to a workplace and that might not be learned in a homeschool setting.

The educational system, especially as experienced on university campuses, has traditionally provided a place for students to learn about various social issues. There is ample opportunity for social and political advocacy, as well as the ability to develop tolerance to the many views represented on campus. In 2011, the Occupy Wall Street movement swept across college campuses all over the United States, leading to demonstrations in which diverse groups of students were unified with the purpose of changing the political climate of the country.

Manifest Functions: Openly stated functions with intended goals	Latent Functions: Hidden, unstated functions with sometimes unintended consequences
Socialization	Courtship
Transmission of culture	Social networks
Social control	Working in groups
Social placement	Creation of generation gap
Cultural innovation	Political and social integration

Functionalists recognize other ways that schools educate and enculturate students. One of the most important American values students in the United States learn is that of individualism—the valuing of the individual over the value of groups or society as a whole. In countries such as Japan and China, where the good of the group is valued over the rights of the individual, students do not learn as they do in the United States that the highest rewards go to the "best" individual in academics as well as athletics. One of the roles of schools in the United States is fostering self-esteem; conversely, schools in Japan focus on fostering social esteem—the honoring of the group over the individual.

In the United States, schools also fill the role of preparing students for competition in life. Obviously, athletics foster a competitive nature, but even in the classroom students compete against one another academically. Schools also fill the role of teaching patriotism. Students recite the Pledge of Allegiance each morning and take history classes where they learn about national heroes and the nation's past.

Another role of schools, according to functionalist theory, is that of sorting, or classifying students based on academic merit or potential. The most capable students are identified early in schools through testing and classroom achievements. Such students are placed in accelerated programs in anticipation of successful college attendance.

Functionalists also contend that school, particularly in recent years, is taking over some of the functions that were traditionally undertaken by family. Society relies on schools to teach about human sexuality as well as basic skills such as budgeting and job applications—topics that at one time were addressed by the family.

Conflict Theory

Conflict theorists do not believe that public schools reduce social inequality. Rather, they believe that the educational system reinforces and perpetuates social inequalities arising from differences in class, gender, race, and ethnicity. Where functionalists see education as serving a beneficial role, conflict theorists view it more negatively. To them, educational systems preserve the status

The fulfillment of one's education is closely linked to social class. Students of low socioeconomic status are generally not afforded the same opportunities as students of higher status, no matter how great their academic ability or desire to learn. Picture a student from a working-class home who wants to do well in school. On a Monday, he's assigned a paper that's due Friday. Monday evening, he has to babysit his younger sister while his divorced mother works. Tuesday and Wednesday, he works stocking shelves after school until 10:00 p.m. By Thursday, the only day he might have available to work on that assignment, he's so exhausted he can't bring himself to start the paper. His mother, though she'd like to help him, is so tired herself that she isn't able to give him the encouragement or support he needs. And since English is her second language, she has difficulty with some of his educational materials. They also lack a computer and printer at home, which most of his classmates have, so they have to rely on the public library or school system for access to technology. As this story shows, many students from working class families have to contend with helping out at home, contributing financially to the

family, poor study environments and a lack of support from their families. This is a difficult match with education systems that adhere to a traditional curriculum that is more easily understood and completed by students of higher social classes.

Such a situation leads to social class reproduction, extensively studied by French sociologist Pierre Bourdieu. He researched how cultural capital, or cultural knowledge that serves (metaphorically) as currency that helps one navigate a culture, alters the experiences and opportunities available to French students from different social classes. Members of the upper and middle classes have more cultural capital than do families of lower class status. As a result, the educational system maintains a cycle in which the dominant culture's values are rewarded. Instruction and tests cater to the dominant culture and leave others struggling to identify with values and competencies outside their social class. For example, there has been a great deal of discussion over what standardized tests such as the SAT truly measure. Many argue that the tests group students by cultural ability rather than by natural intelligence.

The cycle of rewarding those who possess cultural capital is found in formal educational curricula as well as in the hidden curriculum, which refers to the type of nonacademic knowledge that one learns through informal learning and cultural transmission. This hidden curriculum reinforces the positions of those with higher cultural capital, and serves to bestow status unequally.

Conflict theorists point to tracking, a formalized sorting system that places students on "tracks" (advanced versus low achievers) that perpetuate inequalities. While educators may believe that students do better in tracked classes because they are with students of similar ability and may have access to more individual attention from teachers, conflict theorists feel that tracking leads to self-fulfilling prophecies in which students live up (or down) to teacher and societal expectations (Education Week 2004).

To conflict theorists, schools play the role of training working class students to accept and retain their position as lower members of society. They argue that this role is fulfilled through the disparity of resources available to students in richer and poorer neighborhoods as well as through testing (Lauen and Tyson 2008).

IQ tests have been attacked for being biased—for testing cultural knowledge rather than actual intelligence. For example, a test item may ask students what instruments belong in an orchestra. To correctly answer this question requires certain cultural knowledge—knowledge most often held by more affluent people who typically have more exposure to orchestral music. Though experts in testing claim that bias has been eliminated from tests, conflict theorists maintain that this is impossible. These tests, to conflict theorists, are another way in which education does not provide opportunities, but instead maintains an established configuration of power.

Feminist Theory

Feminist theory aims to understand the mechanisms and roots of gender inequality in education, as well as their societal repercussions. Like many other institutions of society, educational systems are characterized by unequal treatment and opportunity for women. Almost two-thirds of the world's 862 million illiterate people are women, and the illiteracy rate among women is expected to increase in many regions, especially in several African and Asian countries (UNESCO 2005; World Bank 2007).

Women in American have been relatively late, historically speaking, to be granted entry to the public university system. In fact, it wasn't until the establishment of Title IX of the Education Amendments in 1972 that discriminating on the basis of sex in U.S. education programs became illegal. In the United States, there is also a post-education gender disparity between what male and female college graduates earn. A study released in May 2011 showed that, among men and women who graduated from college between 2006 and 2010, men outearned women by an average of more than \$5,000 each year. First year job earnings for men

averaged \$33,150; for women the average was \$28,000 (Godofsky, Zukin, and van Horn 2011). Similar trends are seen among salaries of professionals in virtually all industries. When women face limited opportunities for education, their capacity to achieve equal rights, including financial independence, are limited. Feminist theory seeks to promote women's rights to equal education (and its resultant benefits) across the world.

Symbolic Interactionism

Symbolic interactionism sees education as one way labeling theory is seen in action. A symbolic interactionist might say that this labeling has a direct correlation to those who are in power and those who are being labeled. For example, low standardized test scores or poor performance in a particular class often lead to a student being labeled as a low achiever. Such labels are difficult to "shake off," which can create a self-fulfilling prophecy (Merton 1968).

In his book *High School Confidential*, Jeremy Iverson details his experience as a Stanford graduate posing as a student at a California high school. One of the problems he identifies in his research is that of teachers applying labels that students are never able to lose. One teacher told him, without knowing he was a bright graduate of a top university, that he would never amount to anything (Iverson 2006). Iverson obviously didn't take this teacher's false assessment to heart. But when an actual 17-year-old student hears this from a person with authority over her, it's no wonder that the student might begin to "live down to" that label.

The labeling with which symbolic interactionists concern themselves extends to the very degrees that symbolize completion of education. Credentialism embodies the emphasis on certificates or degrees to show that a person has a certain skill, has attained a certain level of education, or has met certain job qualifications. These certificates or degrees serve as a symbol of what a person has achieved, allowing the labeling of that individual.

Indeed, as these examples show, labeling theory can significantly impact a student's schooling. This is easily seen in the educational setting, as teachers and more powerful social groups within the school dole out labels that are adopted by the entire school population.

3: Issues in Education

As schools strive to fill a variety of roles in their students' lives, many issues and challenges arise. Students walk a minefield of bullying, violence in schools, the results of declining funding, plus other problems that affect their education. When Americans are asked about their opinion of public education on the Gallup poll each year, reviews are mixed at best (Saad 2008). Schools are no longer merely a place for learning and socializing. With the landmark *Brown v. Board of Education of Topeka* ruling in 1954, schools became a repository of much political and legal action that is at the heart of several issues in education.

Equal Education

Until the 1954 *Brown v. Board of Education* ruling, schools had operated under the precedent set by *Plessy v. Ferguson* in 1896, which allowed racial segregation in schools and private businesses (the case dealt specifically with railroads) and introduced the much maligned phrase "separate but equal" into the United States lexicon. The 1954 *Brown v. Board* decision overruled this, declaring that state laws that had established separate schools for black and white



students were, in fact, unequal and unconstitutional.

While the ruling paved the way toward civil rights, it was also met with contention in many communities. In Arkansas in 1957, the governor mobilized the state National Guard to prevent black students from entering Little Rock Central High School. President Eisenhower, in response, sent members of the 101st Airborne Division from Kentucky to uphold the students' right to enter the school. In 1963, almost ten years after the ruling, Governor George Wallace of Alabama used his own body to block two black students from entering the auditorium at the University of Alabama to enroll in the school. Wallace's desperate attempt to uphold his policy of "segregation now, segregation tomorrow, segregation forever," stated during his 1963 inauguration (PBS 2000) became known as the "Stand in the Schoolhouse Door." He refused to grant entry to the students until a general from the Alabama National Guard arrived on President Kennedy's order.

Presently, students of all races and ethnicities are permitted into schools, but there remains a troubling gap in the equality of education they receive. The long-term socially embedded effects of racism—and other discrimination and disadvantage—have left a residual mark of inequality in the nation's education system. Students from wealthy families and those of lower socioeconomic status do not receive the same opportunities.

Today's public schools, at least in theory, are positioned to help remedy those gaps. Predicated on the notion of universal access, this system is mandated to accept and retain all students regardless of race, religion, social class, and the like. Moreover, public schools are held accountable to equitable per-student spending (Resnick 2004). Private schools, usually only accessible to students from high-income families, and schools in more affluent areas generally enjoy access to greater resources and better opportunities. In fact, some of the key predictors for student performance include socioeconomic status and family background. Children from families of lower socioeconomic status often enter school with learning deficits they struggle to overcome throughout their educational tenure. These patterns, uncovered in the landmark Coleman Report of 1966, are still highly relevant today, as sociologists still generally agree that there is a great divide in the performance of white students from affluent backgrounds and their non-white, less affluent, counterparts (Coleman 1966).

Head Start

The findings in the Coleman Report were so powerful that they brought about two major changes to education in the United States. The federal Head Start program, which is still active and successful today, was developed to give low-income students an opportunity to make up the pre-school deficit discussed in Coleman's findings. The program provides academic-centered preschool to students of low socioeconomic status.

Busing

The second major change brought about after the release of the Coleman Report was less successful than the Head Start program and has been the subject of a great deal of controversy. With the goal of further desegregating education, courts across the United States ordered some school districts to begin a program that became known as "busing." This program involved bringing students to schools outside their neighborhoods (and therefore schools they would not normally have the opportunity to attend) to bring racial diversity into balance. This practice was met with a great deal of public resistance from people on both sides dissatisfied with white students traveling to inner city schools and minority students bring transported to schools in the suburbs.

No Child Left Behind

In 2001, the Bush administration passed the No Child Left Behind Act, which requires states to test students in designated grades. The results of those tests determine eligibility to receive federal funding. Schools that do not meet the standards set by the Act run the risk of having their funding cut. Sociologists and teachers alike have contended that the impact of the No Child Left Behind Act is far more negative than positive, arguing that a "one size fits all" concept cannot apply to education.

Teaching to the Test

The funding tie-in of the No Child Left Behind Act has led to the social phenomenon commonly called "teaching to the test," which describes when a curriculum focuses on equipping students to succeed on standardized tests, to the detriment of broader educational goals and concepts of learning. At issue are two approaches to classroom education: the notion that teachers impart knowledge that students are obligated to absorb, versus the concept of student-centered learning that seeks to teach children not facts, but problem solving abilities and learning skills. Both types of learning have been valued in the American school system. The former, to critics of "teaching to the test," only equips students to regurgitate facts, while the latter, to proponents of the other camp, fosters lifelong learning and transferable work skills.

Bilingual Education

New issues of inequality have entered the national conversation in recent years with the issue of bilingual education, which attempts to give equal opportunity to minority students through offering instruction in languages other than English. Though it is actually an old issue (bilingual education was federally mandated in 1968), it remains one of hot debate. Supporters of bilingual education argue that all students deserve equal opportunities in education—opportunities some students cannot access without instruction in their first language. On the other side, those who oppose bilingual education often point to the need for English fluency in everyday life and in the professional world.

Charter Schools

Charter schools are self-governing public schools that have signed agreements with state governments to improve students when poor performance is revealed on tests required by the No Child Left Behind Act. While such schools receive public money, they are not subject to the same rules that apply to regular public schools. In return, they make agreements to achieve specific results. Charter schools, as part of the public education system, are free to attend, and are accessible via lottery when there are more students seeking enrollment than there are spots available at the school. Some charter schools specialize in certain fields, such as the arts or science, while others are more generalized.

Teacher Training

Schools face an issue of teacher effectiveness, in that most high school teachers perceive students as being prepared for college, while most college professors do not see those same students as prepared for the rigors of collegiate study. Some feel that this is due to teachers being unprepared to teach. Many teachers in the United States teach subject matter that is outside their own field of study. This is not the case in many European and Asian countries. Only eight percent of United States fourth-grade math teachers majored or minored in math, compared with 48 percent in Singapore. Further, students in disadvantaged American schools

are 77 percent more likely to be educated by a teacher who didn't specialize in the subject matter than students who attend schools in affluent neighborhoods (Holt, McGrath, and Seastrom 2006).

Social Promotion

Social promotion is another issue identified by sociologists. This is the concept of passing students to the next grade regardless of their meeting standards for that grade. Critics of this practice argue that students should never move to the next grade if they have not mastered the skills required to "graduate" from the previous grade. Proponents of the practice question what a school is to do with a student who is three to four years older than other students in his or her grade, saying this creates more issues than the practice of social promotion.

Affirmative Action

Affirmative action has been a subject of debate, primarily as it relates to the admittance of college students. Opponents suggest that, under affirmative action, minority students are given greater weighted priorities for admittance. Supporters of affirmative action point to the way in which it grants opportunities to students who are traditionally done a disservice in the college admission process.

Rising Student Loan Debt

In a growing concern, the amount of college loan debt that students are taking on is creating a new social challenge. As of 2010, the debts of students with student loans averaged \$25,250 upon graduation, leaving students hard-pressed to repay their education while earning entry-level wages, even at the professional level (Lewin 2011). With the increase in unemployment since the 2008 recession, jobs are scarce, making this burden more pronounced. As recent grads find themselves unable to meet their financial obligations, all of society is affected.

Home Schooling

Homeschooling refers to children being educated in their own homes, typically by a parent, instead of in a traditional public or private school system. Proponents of this type of education argue that it provides an outstanding opportunity for student-centered learning while circumventing problems that plague today's education system. Opponents counter that homeschooled children miss out on the opportunity for social development that occurs in standard classroom environments and school settings.

Proponents say that parents know their own children better than anyone else and are thus best equipped to teach them. Those on the other side of the debate assert that childhood education is a complex task and requires the degree teachers spend four years earning. After all, they argue, a parent may know her child's body better than anyone, yet she seeks out a doctor for her child's medical treatment. Just as a doctor is a trained medical expert, teachers are trained education experts.

The National Center for Education Statistics shows that the quality of the national education system isn't the only major concern of homeschoolers. While nearly half cite their reason for homeschooling as the belief that they can give their child a better education than the school system can, just under 40 percent choose homeschooling for "religious reasons" (NCES 2008). To date, researchers have not found consensus in studies evaluating the success, or lack thereof, of homeschooling.