

Intellectual Capital

The Learning Gap

A recurring truth of education in America is that children from high income homes who have highly educated parents tend to do well in school. Likewise, those from low income households who have relatively uneducated parents tend to do poorly. In this country, no other factor comes close to explaining the success of some students and the failure of others.(1) What is worse, recent studies are beginning to show that the gap between low socio- economic students and their fellow classmates is beginning to grow again after a period of narrowing.(2) Because of this, a major goal of education reform is the eradication of this learning gap which is arguably the primary cause of continued poverty, high crime rates, and general distrust between those who participate in the American dream and those on its margins. Unfortunately, there is considerable disagreement as to how American public education should be reformed.

Professional educators have tended to endorse a package of reforms that have been around since the 1920s and 30s. These reforms are associated with the Progressive Education Movement which emphasized “naturalistic,” “project-oriented,” “hands-on,” and “critical- thinking” curricula and “democratic” education policies.(3) Beginning in 1918 with the *Cardinal Principles of Secondary Education*, published by the Bureau of Education, educators have challenged the emphasis on subject matter and have attempted to replace it with what might be called the “tool” metaphor.

The “tool” metaphor maintains that students should not be filled with a lot of useless knowledge, but instead, should be taught how to learn. Although various arguments are used to promote this view, the one most often heard goes something

like this: "Since knowledge is growing so quickly, in fact it is exploding, we need to teach kids how to learn, not a bunch of facts that will quickly become outdated." It has been shown by historian Lawrence Cremin that our elementary schools have been dominated by this metaphor since the 1960s, and that our secondary schools are not far behind.(4) The result of this monopoly has been a reduction of what might be called "Intellectual Capital." The loss of this "Capital" is the focus of an important book titled *The Schools We Need*, by E. D. Hirsch. Hirsch is an advocate for what has been called "cultural literacy," the notion that all children need to be taught the core knowledge of our society in order to function within it successfully. Implementing his arguments may provide our only chance for equal opportunity for all Americans, regardless of class, race, or ethnicity.

For Christians, this is an issue of justice and mercy. Unless we are comfortable with the growing number of people unable to clothe, house, and feed themselves and their families, we need to think seriously about why our educational system fails so many children. Teachers are more educated than ever before, class-sizes have continued to decline, and teachers have made great gains in personal income. But while America continues to spend much more to educate its children than do most countries of the world, it also continues to fall behind in student performance. Could it be that the problem lies in the philosophy which drives what teachers teach and how they teach it? Our argument is exactly that—that educators, particularly at the elementary school level, have adopted a view of education that places an extra burden on those who can least afford it, our least affluent children.

Defining Intellectual Capital

Earlier we stated that poverty and suffering in America can be partially blamed on an education system that fails to prepare children from lower socio-economic backgrounds with a

foundation that will allow them to compete with children from middle and upper-class homes. Central to this argument is a notion called intellectual capital. Let's begin this discussion by defining the term and explaining its importance. In his book, *The Schools We Need*, E. D. Hirsch, Jr., argues that "just as it takes money to make money, it takes knowledge to make knowledge." (5) He contends that those children who begin school with an adequate level of intellectual capital have a framework upon which further learning may be built. Those who lack the necessary educational experiences and sufficient vocabulary tend to fall further and further behind.

Not just any information serves as intellectual capital. According to Hirsch the knowledge taught and learned must be of a type that "constitutes the shared intellectual currency of the society," or put another way, "intellectual capital has to be the widely useful and negotiable coin of the realm." (6) Just as play money doesn't purchase much in the real world, neither does knowledge that falls outside of this "shared intellectual currency." The current controversy surrounding Ebonics is an example. I doubt that Hirsch would agree that time spent either teaching or affirming a supposedly African-based language system is helpful to young people who need to compete in the American economic system.

Understanding Hirsch's point about intellectual capital would be interesting, but not very useful, if not for the fact that research has shown that initial deficits in specific children can be overcome if done so at an early age. Other nations, with equally diverse populations, have shown that early disparities in learning can be remediated if this notion of a shared knowledge base is taken seriously. France is an example of such a nation. Its "knowledge intensive" early childhood education programs have performed an amazing feat. "Remarkably, in France, the initial gap between advantaged and disadvantaged students, instead of widening steadily as in the United States, decreases with each school grade. By the end of

seventh grade, the child of a North African immigrant who has attended two years of French preschool will on average have narrowed the socially induced learning gap.”(7)

One might ask what American schools are teaching if not a knowledge intensive “core curriculum” like the one found in the French model. This question is difficult to answer because there is no agreed- upon curriculum for elementary students in this country. Our desire to treat teachers as autonomous teaching professionals often means that little or no supervision of what is taught occurs. There are a number of good arguments for local control of our schools, but when it comes to the curriculum, it has resulted in little consistency from one school to another, and even from one classroom to another in the same building.

Can’t we all agree that by the end of the first grade students ought to be able to do and know certain things? Unfortunately, it’s not that simple. At this point, we will look at some of the philosophical reasons for the vast difference in teaching methods and goals that are being advocated by different education experts.

Romantics and Traditionalists

In his book *The Schools We Need*, E. D. Hirsch argues that there are two distinct camps of education reformers in our country today. One group, virtually in control of the elementary and much of the secondary school curriculum, consists of what Hirsch calls the anti-knowledge progressives. This group emphasizes critical thinking skills over mere facts, the “unquestionable” value of self-esteem as a curricular end, and teaching “to the child” rather than from a curriculum focused on the content of the subject matter. They also argue against forcing a child to learn what they believe to be developmentally inappropriate schoolwork. This thinking reflects the eighteenth century Romantic era view that all children possess a spark of divinity, a notion that coincides

with the pantheistic philosophies of eighteenth-century thinkers like Rousseau, Hegel, and Schelling. In 1775, Schelling wrote that "the God-infused natural world and human nature were both emanations of the same divine substance." (8) All things natural are good. Evil lies in separation from nature, such as seating children in rows and requiring intense study from books for several years.

Rather than allowing for a mystical view of child development, traditionalists support a "core curriculum." Hirsch points to four errors made by progressive reforms. He argues that: "(1) To stress critical thinking while de-emphasizing knowledge actually reduces a student's capacity to think critically. (2) Giving a child constant praise to bolster self-esteem regardless of academic achievement breeds complacency, or skepticism, or both, and ultimately, a decline in self-esteem. (3) For a teacher to pay significant attention to each individual child in a class of twenty to forty students means individual neglect for most children most of the time. (4) Schoolwork that has been called 'developmentally inappropriate' [by progressives] has proved to be highly appropriate to millions of students the world over, while the infantile pabulum now fed to American children is developmentally inappropriate (in a downward direction) and often bores them." (9)

As parents and taxpayers, the most vital question we want answered is, "Who is right?" Is there research that supports one side of this debate over the other? Hirsch contends that there is much evidence, from various perspectives, that supports the traditional view. However, because of the current monopoly of the progressive mindset in public education today, the traditional view is rarely even considered. Hirsch goes as far as to say that for most public school officials there is no **thinkable** alternative to the progressive view. "No professor at an American education school is going to advocate *pro*-rote-learning, *pro*-fact, or *pro*-verbal pedagogy." (10)

Education leaders usually respond in one of four ways to criticism: 1) They deny that our schools are ineffective. 2) They deny the dominance of progressivism itself. 3) They deny that where progressivism has been followed, that it has been authentically followed. 4) They blame insurmountable social problems on poor performance rather than the prevailing educational philosophy.

Remember, this discussion is about more than which group of experts wins and which loses! If Hirsch is right, our current form of schooling is inflicting a great injustice on all students, but even more so on those from our poorest homes and neighborhoods. Now, we will look at some of the evidence that argues against the progressive approach to education and for a more traditional curriculum.

Looking at the Research

Research has confirmed the superiority of the traditional, direct instruction method which focuses on the content to be learned rather than on the child. E. D. Hirsch, in his book *The Schools We Need*, has a chapter titled "Reality's Revenge" which lends considerable detail to his argument that progressive educational theory lacks a real world foundation.

Hirsch uses evidence from three different sources to support his rejection of the progressive model for instruction. Classroom studies, research in cognitive psychology, and international comparisons all point to a common set of practices that promote the greatest amount of measurable learning by the largest number of students. This list of common practices are remarkable in that they are exactly what progressive educators in this country are arguing that we should do **less** of.

First, let's consider the finding of two examples of classroom studies. Jane Stallings studied 108 first grade and 58 third grade classes taught by different methods and found that a

strong academic focus rather than the project-method approach produced the highest gains in math and reading. The Brophy-Evertson studies on elementary students in the 70s found that classroom teaching was most effective:

- When it focused on content
- When it involved all students
- When it maintained a brisk pace
- When it required students to read aloud often
- When decoding skills were mastered to the point of over-learning
- When each child was asked to perform tasks resulting in immediate nonjudgmental feedback.

Summarizing the results of numerous classroom studies, Hirsch states, "The only truly general principle that seems to emerge from process-outcome research on pedagogy is that focused and guided instruction is far more effective than naturalistic, discovery, learn-at-your-own-pace instruction."(11)

Cognitive psychology confirms, from another viewpoint, what classroom research has already told us. Research into short term memory has uncovered important reasons to have children in the early elementary years spend considerable effort memorizing language and mathematics basics. The argument goes something like this: Individuals have only so much room, or short-term memory, in which to juggle a number of ideas at once, and this memory space is particularly restricted for young children. In reading, children end up having to focus on both the basics of decoding and word recognition as well as on high level comprehension strategies. This gives those who have memorized phonics and who have a larger vocabulary a significant advantage over those who don't. Children who over-learn decoding and word skills, have more time, memory-wise, to focus on higher-level kinds of thinking. In other words, rote memorization of the basics leads to higher order thinking, which is exactly the opposite of what is being stressed by progressives.

If Christians want to see our public schools become tools for social justice, to educate all children regardless of background, a content-oriented curriculum is essential. An early emphasis on higher-level thinking skills is not only a poor use of time in the classroom, but can actually slow down students from disadvantaged backgrounds. This is particularly true of early elementary years when decoding skills and a large vocabulary are being acquired.

Next, we will see how international studies add more evidence to this argument for a content-focused curriculum.

International and Domestic Examples

In the discussion thus far we have been trying to discern why much of what happens in many of our classrooms fails to provide the intellectual capital elementary school children need. At this point, it should be noted and emphasized that we are not questioning the desire of our classroom teachers, or those who write curricula for the classroom, to benefit our children. We do argue that the philosophical foundations for today's educational theories are often not supported by research, nor by a biblical view of human nature.

Earlier we noted classroom studies and findings from cognitive psychology that refute progressive educational practices. Now we will turn our attention to large-scale international comparative studies. These examples can be found in E. D. Hirsch's book, *The Schools We Need*.

Just as it was found that the best American classrooms were businesslike and focused on the job at hand, international studies found that Chinese and Japanese teachers have a low tolerance for errors and rarely let self-esteem issues get in the way of correcting them. In fact, these errors are used by the teachers for assessing the strengths and weaknesses of various tactics for solving a problem. Asian classrooms begin a period with reciprocal bows and a description of what will

be accomplished during the lesson. The period ends with a summary of the work. The pace tends to be slower than American classrooms, but skills are taught with greater thoroughness. Fewer problems are covered with the focus on mastering them rather than simply getting them done.

Asian teachers tend to use whole-class instruction, utilizing students' responses to generate dialogue that moves the class towards the desired knowledge or skill. Students know that they may be called upon at any moment to provide a solution to the problem at hand. They are engaged and focused on the material. During the period students might work together in groups on a problem, but only for a short time. Asian teachers assign less seatwork to their students and embed it throughout a lesson rather than at the end of class. The American practice of giving students a long block of time at the end of class to do homework usually causes students to lose focus and become bored with the repetitive tasks.

To achieve the greatest results, the classroom must be content oriented and the teacher must be working hard to keep all students engaged in the work. Too often, American classrooms lack one of these two essential ingredients.

Hirsch's proposals, although revolutionary to many of today's teachers, would seem obvious to most teachers of a generation ago. They are also obvious to many Christian educators. A good example is the classical Christian education model advocated by Douglas Wilson and his Logos Schools organization.⁽¹²⁾ Wilson endorses the Trivium curriculum model which focuses on grammar in the early grades, dialectic or logic in the middle school, and rhetoric in high school. Grammar is the memorization of the basic rules and facts of any subject matter, whether it be language or mathematics. The dialectic stage teaches students how the rules of logic apply to a subject area, and rhetoric teaches students how to communicate what they have learned. All of this can be done in a way to make it both challenging and meaningful to the vast majority

of public and private school students. However, failing to accomplish this soon, we will continue to see a widening gap between those who have been vested with intellectual capital and those who have not.

Notes

1. "Quality Counts," A special supplement to *Education Week*, Vol. XVI (22 Jan. 1997), p. 19. The text notes that a major study concluded that 75% of students' achievement is the result of home and family.
2. "Achievement Gap Widening, Study Reports," *Education Week*, Vol. XVI, No. 14 (4 Dec. 1997), p. 1
3. Hirsch, E.D., Jr. *The Schools We Need: And Why We Don't Have Them* (New York: Doubleday, 1996), p. 7.
4. Ibid., p. 49.
5. Ibid., p. 20.
6. Ibid., p. 21.
7. Ibid., p. 42.
8. Ibid., p. 74.
9. Ibid., p. 66.
10. Ibid., p. 69.
11. Ibid., p. 184.
12. Wilson, Douglas. *Recovering the Lost Tools of Learning: An Approach to Distinctively Christian Education* (Wheaton, Ill.: Crossway Books, 1991), p. 91.

Education Beyond the Classroom

What comes to mind when you think of education? School buildings? Libraries? Textbooks? Curricula? Teachers? Most of us probably associate education with at least one of these things, and surely many more could be added. But does education take place outside of such formal settings? Can curricula be found beyond that of the normal course of study? And can teachers be found who are teaching outside of the classroom?

If we simply consider the amount of time students spend outside of class the answer to these questions would surely be a resounding “Yes!” And if we add the strong probability that many of the hours spent outside the class are consumed by various media, for example, we can see another strong reason to answer in the affirmative. Students are virtually suffocated with ideas when they leave the confines of the school building. For many their education has just begun when the last bell rings each day. In fact, many students use whatever mental energy they have to learn only those things that interest them outside of school.

Educational Sources: Parents

What are some of the sources from which students learn? Let’s begin with parents. After years of ministry among youth I am convinced that students want to learn from their parents. In fact, some are desperate for their parents’ wisdom. Thankfully, I have seen the wonderful effects of respect between parents and children. The children are taught the most important truths of life in the home and those truths are

accepted because there is a large measure of respect for the parents. Such an atmosphere is patiently developed through the parents' concentrated, time-consuming dedication to their children. And I hasten to add that I have observed this in single parent as well as blended families. The result is that children who are raised in such a home will usually compare what they are taught outside the home with what they are taught in the home. And the lessons they learn from parents outweigh other lessons.

Unfortunately, though, this situation is much too rare. Many students, including those raised in Christian homes, are left alone to discover what they can without the guidance of parents. When we realize that "true, meaningful communication between parent and child ... occupies only about two minutes each day"(1) there should be reason for concern. That amounts to slightly more than 12 hours per year. If that is compared to the amount of time spent in school, for example, what the parents teach in that brief time can be overwhelmed with contrary ideas. Students spend much more time learning at school per week than they do with parents per year! This situation should be seriously considered by Christians when evaluating the current educational climate. If Christian parents are not willing to educate their children there may not be much room for complaining about what is learned outside the home. Children have always needed parental guidance and they always will.

One of the most important directives for the ancient Jews applies to parental responsibility for the education of their children. Deuteronomy 6:4-7, the revered Shema, states that "(5) You shall love the LORD your God with all your heart and with all your soul and with all your might. (6) And these words, which I am commanding you today, shall be on your heart; (7) and you shall teach them diligently to your sons and shall talk of them when you sit in your house and when you walk by the way and when you lie down and when you rise up."

This strategic passage was reemphasized by the Lord Jesus (Mark 12:28-30). What a student learns outside of class should begin at home.

Educational Sources: What is Heard, Read, and Seen

Where and by whom is a student educated outside the school and home? Actually the question should use both past and present tenses. Since we are concentrating on education outside the classroom, it's important to realize that students are constantly being educated, whether they are aware of it or not. Education does not just apply to some type of formal education; it is very much a part of daily life. The Christian student who is attempting to think God's thoughts after Him is profoundly aware of this. He lives in a world of ideas, and ideas have consequences. Those ideas are so much a part of life that it's as if they're a portion of the air we breathe. Students should be conscious of this, but the same is true for all of us. All of us are students.

So where do we find the teachers? There are at least three other sources: what is heard, what is read, and what is seen.

First, what is heard? One morning as I went to the front yard to get the newspaper I heard a loud, repetitive noise that sounded as if it were a woodpecker hammering on metal. When I located the source I realized to my amazement that indeed it was a woodpecker pecking on a metal light covering near our house. My curiosity was aroused so I pursued an answer to my crazy woodpecker question. It turns out that the bird could have heard his prey inside the covering, but couldn't distinguish for the moment the difference between wood and metal.

The point of this illustration is that the wondrous nature of nature had provided a teachable moment. God's creation abounds with such opportunities to observe the variety He has given

us. And such moments are part of our daily lives.

But most students hear from more obvious sources: peers, radio, television, movies, music, etc. These sources provide a profusion of ideas. They are teachers. And just as in the formal classroom, the student should be listening carefully to see if the lessons should be considered, discarded, or believed.

The second source focuses on what is read. Some studies indicate that people are not reading any longer. This is curious in light of the growth of enormous bookstores filled with many obscure and weighty titles. Be that as it may, the printed word still has an impact. Most students give some attention to reading. Words still have meaning, in spite of the efforts of those who would use words to say that words are meaningless. This is especially true for the Christian student. If he doesn't revere the Bible to the point of reading and understanding it as the foundation of his education, he is like a ship without a rudder. The ship is afloat but it's at the mercy of the sea and its currents.

The last of our sources concerns what we see. Since a large percentage of students spend an enormous amount of time viewing television, movies, magazines, and other media, this is a major educational element. Images abound in their lives. This challenges the Christian student to be especially alert to the multitude of ideas that come through her eyes and into her mind.

Educators beyond the classroom are continually vying for the minds of students. Let's do what we can to lead our students through this maze of ideas.

The Curriculum

One of the major elements of a formal education is the curriculum. This curriculum is usually set for students in the

primary grades, it contains some flexibility in middle school, more flexibility in high school, and significant flexibility in college. Regardless of the educational level a student attains, his formal education includes variety. The same is true outside the classroom. The education he receives there includes a varied curriculum. And that curriculum can be found in varied places, from conversations with those with whom he works, to his magazine subscriptions, to the movies he rents. Let's consider several ideas that generally are found in the educational curriculum outside the classroom.

Man is the Measure of All Things

First, man is the measure of all things. That is, man is the focus of what is taught. This course is called naturalism. God either doesn't exist, or He may as well not exist because He has nothing to say to us that has meaning. Thus man is left alone to create meaning, value, morality, religion, government, education, and all other aspects of life. This is probably the most influential way of thinking in this country.

Think, for example, of the television programs you may have seen lately. Now consider whether or not those programs included the presence and guidance of a deity, whether the God of the Bible or not. With rare exceptions, the education one receives through such sources doesn't include any concept of God. Instead, man deals with all problems in his own way, through his own ingenuity. Of course the student usually isn't able to see the long term results of such decisions. As wonderful as the resolution may appear at the end of a program, the ultimate consequences may be disastrous.

Pleasure is the Highest Good

The second portion of the curriculum is based upon the idea that pleasure is the highest good. This course is called hedonism. Perhaps one of the more obvious places to find this is in your local grocery store. The "textbooks" that are found in the magazine rack near the checkout island contain this

message in abundance. The articles, advertisements, and pictures emphasize the supremacy of pleasure above virtues such as self-control and sacrifice. Take a moment sometime just to scan the articles and emphases that are highlighted on the front covers of these magazines. For example, the contents of a recent teen-oriented publication for girls include: "Look Hot Tonight," "Stud Shopping Tips," "Love Stories: Secrets of Girls Who Snagged Their Crush," "Hunky Holidays: Meet the 50 Most Beautiful Guys in the World," and "The Ultimate Party Guide." All these titles revolve around the idea that pleasure is the highest good.

True Spirituality Has Many Sources

Third, true spirituality has many sources. This course is called syncretism. Current spiritual emphases have led many students to believe that it doesn't matter what path you take as long as you are on a path. A trip to a large book store will demonstrate this. For example, you can find many books that contain many ideas about angels, but most of them have nothing to do with biblical doctrine. Or you can find a section dedicated to an assortment of metaphysical teachings, none of which align with biblical teaching. When confronted with such variety the student can be tempted to believe that true spirituality can be found in many places. The Christian student must realize this isn't possible if his allegiance is to Christ as Lord of all.

What Works is Good

The fourth idea is that what works is good. This course is called pragmatism. This is a particularly attractive part of the curriculum for Americans. And this certainly includes the American Christian student. But it's a deceptively attractive course. It may lead to results, but at what cost?

I think of a revealing scene in the disturbing Academy Award-winning movie *A Clockwork Orange*. A young British hoodlum in a futuristic England is programmed to abhor the violence that he

continually practiced with his gang. This abhorrence is brought about by forcing him to watch scenes of horrible violence while his eyes are forced open. When he is brought before an audience to demonstrate the change, his programmer tempts him with several opportunities to do violence while the audience watches. He resists the temptations. After the demonstration a clergyman protests by saying that the "boy has no moral choice." He was manipulated. The programmer scoffs at this claim and states that the result of the experiment is good because "the point is that it works." "It has relieved the ghastly congestion in our prisons."

These first four parts of the curriculum are naively optimistic. They describe either present or future existence positively because of supreme confidence in man and his abilities. Other portions of the curriculum are not so optimistic. In fact, they can be frighteningly pessimistic at times.

There is No Meaning

A fifth aspect of the curriculum denies meaning. This course is called existentialism, and sometimes nihilism. The "big" questions of life are asked, but no answers are found. Then the response is either total denial of hope, which should logically lead to suicide, or living by simply acting in the face of absurdity. These perspectives can be found, for example, in some contemporary music and movies. The songs of Nine Inch Nails, the moniker for a musician named Trent Reznor, sometimes contain ideas that are indicative of this. The movies of Woody Allen often contain characters and scenes that depict a search for meaning with no conclusions other than individual acts.

There is No Truth

The last portion of the curriculum is closely connected to what we have just discussed. This course can be called postmodernism. We are living in a culture that increasingly

denies an encompassing paradigm for truth. This can be demonstrated by considering what Francis Schaeffer meant by the phrase “true truth.” That is, there is no “big picture” to be seen and understood. We only have individuals and communities who have their own “little truths.” And nothing connects those truths to something bigger than themselves and more lasting than what might work at the moment. This can be heard, seen, and read incessantly. There are too few teachers in the culture’s curriculum who are sharing ideas that are connected to or guided by “true truth.” The ultimate outcome of such thinking can be devastating. Chaos can reign. Then a sense of desperation can prompt us to accept the “truth” of whoever may claim to be able to lead us out of the confusion. Germany experienced this under the reign of Hitler. We should not be so smug as to think it could not happen to us.

Responding to the Curriculum

Man is the measure of all things! Pleasure is the highest good! True spirituality has many sources! What works is good! There is no meaning! There is no truth! These are the ideas that permeate the education a student receives outside the classroom. How can a Christian deal with such a curriculum? Some suggestions are in order.

First, the student should be encouraged to understand that God is the measure of all things, not man. God is an eternal being who is the guide for our lives, both temporal and eternal. Thus we don’t first ask what man thinks, we ask what God thinks. So this means that the student must decide on his primary textbook. Is it the Bible, or some other text?

Second, the student should be led to realize that God’s will is the highest good, not pleasure. This is very important for the contemporary Christian to understand in light of the sensuous nature of our culture. A student easily can get the idea that God is a “kill joy” because it may seem that everyone is having a good time, but he can’t because of God’s

restrictions. If he can understand that God's ideas lead to true freedom and joy, the student can more readily deal with this part of the curriculum.

Third, the student should be challenged to realize that true spirituality is found only through a relationship with the risen Jesus. Jesus lives in us through the indwelling of His Spirit. And this indwelling is only true for the reborn Christian. Yes, there are many spiritual concepts alive in this culture. Many people are searching for something that will give meaning beyond man's ideas. There is a spiritual hunger. But if we try to relieve that hunger through ideas that come from man's perceptions of spirituality, we are back where we started: man is the measure of all things.

Fourth, the student should be taught that what works is not always good. Satan can make evil work for a time, but he is the father of lies, and lies lead to spiritual and moral decay.

Fifth, the student should be led to believe that life has meaning. The Christian can see the world around him with the eye of hope because God is in control. As chaotic as things may appear, there is a purpose, there is a plan. People have meaning, past events have meaning, present events have meaning, and future events will have meaning. Christ has died to give us salvation, and He has risen from the dead to give us hope for the present and the future. A student whose mind is infused with meaning will be able to handle the despair around him, and he can share his secure hope in the midst of such despair.

Sixth, the student should be guided to think in terms of the big picture. Imagine a puzzle with thousands of pieces. Now think of attempting to assemble the puzzle without having seen the picture on the box top. That would surely be a frustrating experience. You would have individual pieces but no guide to fit the pieces together. Many attempt to live this way. But

the Christian student has the box top. He can begin to put the puzzle of life together with God's picture in mind.

So, does education take place beyond the classroom? Certainly! May God guide us to help students learn the proper lessons.

Notes

1. J. Kerby Anderson, *Signs of Warning, Signs of Hope* (Chicago: Moody, 1994), p. 136.

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