

# Does Psychology Matter More Than Sociology?

## Selections from My Pedagogic Creed

John Dewey

*Dewey's primary objective in this article is to elucidate the way that humans are influenced by both social and psychological factors. While he believes that both are extremely influential, he claims and defends the idea that education necessarily includes both factors, and schools are primarily social.*

I believe that all education proceeds by the participation of the individual in the social consciousness of the race. This process begins unconsciously almost at birth, and is continually shaping the individual's powers, saturating his consciousness, forming his habits, training his ideas, and arousing his feelings and emotions. Through this unconscious education the individual gradually comes to share in the intellectual and moral resources which humanity has succeeded in getting together. He becomes an inheritor of the funded capital of civilization. The most formal and technical education in the world cannot safely depart from this general process. It can only organize it; or differentiate it in some particular direction.

I believe that the only true education comes through the stimulation of the child's powers by the demands of the social situations in which he finds himself. Through these demands he is stimulated to act as a member of a unity, to emerge from his original narrowness of action and feeling, and to conceive of himself from the standpoint of the welfare of the group to which he belongs. Through the responses which others make to his own activities he comes to know what these mean in social terms. The value which they have is reflected back into them. For instance, through the response which is made to the child's instinctive babblings the child comes to know what those babblings mean; they are transformed into articulate language, and thus the child is introduced into the consolidated wealth of ideas and emotions which are now summed up in language.

I believe that this educational process has two sides—one psychological and one sociological; and that neither can be subordinated to the other or neglected without evil results following.

## Reflection Question

Is this possible If sociology and psychology en up being inconsistent with each other?

Of these two sides, the psychological is the basis. The child's own instincts and powers furnish the material and give the starting-point for all education. Save as the efforts of the educator connect with some activity which the child is carrying on of his own initiative independent of the educator, education becomes reduced to a pressure from without. It may, indeed, give certain external results, but cannot truly be called educative. Without insight into the psychological structure and activities of the individual, the educative process will, therefore, be haphazard and arbitrary. If it chances to coincide with the child's activity it will get a leverage; if it does not, it will result in friction, or disintegration, or arrest of the child nature.

I believe that knowledge of social conditions, of the present state of civilization, is necessary in order properly to interpret the child's powers. The child has his own instincts and tendencies, but we do not know what these mean until we can translate them into their social equivalents. We must be able to carry them back into a social past and see them as the inheritance of previous race activities. We must also be able to project them into the future to see what their outcome and end will be. In the illustration just used, it is the ability to see in the child's babblings the promise and potency of a future social intercourse and conversation which enables one to deal in the proper way with that instinct.

I believe that the psychological and social sides are organically related, and that education cannot be regarded as a compromise between the two, or a superimposition of one upon the other. We are told that the psychological definition of education is barren and, formal—that it gives us only the idea of a development of all the mental powers without giving us any idea of the use to which these powers are put. On the other hand, it is urged that the social definition of education, as getting adjusted to civilization, makes of it a forced and external process, and results in subordinating the freedom of the individual to a preconceived social and political status.

I believe each of these objections is true when urged against one side isolated from the other.

## Reflection Question

What might Dewey mean by the previous sentence?

In order to know what a power really is we must know what its end, use, or function is; and this we cannot know save as we conceive of the individual as active in social relationships. But, on the other hand, the only possible adjustment which we can give to the child under existing conditions, is that which arises through putting him in complete possession of all his powers. With the advent of democracy and modern industrial conditions, it is impossible to foretell definitely just what civilization will be twenty years from now. Hence it is impossible to prepare the child for any precise set of conditions. To prepare him for the future life means to give him command of himself; it means so to train him that he will have the full and really use of all his capacities; that his eye and ear and hand may be tools ready to command, that his judgment may be capable of grasping the conditions under which it has to work, and the executive forces be trained to act economically and efficiently. It is impossible to reach this sort of adjustment save as constant regard is had to the individual's own powers, tastes, and interests—say, that is, as education is continually converted into psychological terms.

In sum, I believe that the individual who is to be educated is a social individual, and that society is an organic union of individuals. If we eliminate the social factor from the child we are left only with an abstraction; if we eliminate the individual factor from society, we are left only with an inert and lifeless mass. Education, therefore, must begin with a psychological insight into the child's capacities, interests, and habits. It must be controlled at every point by reference to these same considerations. These powers, interests, and habits must be continually interpreted—we must know what they mean. They must be translated into terms of their social equivalents—into terms of what they are capable of in the way of social service.

### ARTICLE II. WHAT THE SCHOOL IS.

I believe that the school is primarily a social institution. Education being a social process, the school is simply that form of community life in which all those agencies are concentrated that will be most effective in bringing the child to share in the inherited resources of the race, and to use his own powers for social ends.

I believe that education, therefore, is a process of living and not a preparation for future living.

I believe that the school must represent present life—life as real and vital to the child as that which he carries on in the home, in the neighborhood, or on the playground.

I believe that education which does not occur through forms of life, forms that are worth living for their own sake, is always a poor substitute for the genuine reality, and tends to cramp and to deaden.

I believe that the school, as an institution, should simplify existing social life; should reduce it, as it were, to an embryonic form. Existing life is so complex that the child cannot be brought into contact with it without either confusion or distraction; he is either overwhelmed by the multiplicity of activities which are going on, so that he loses his own power of orderly reaction, or he is so stimulated by these various activities that his powers are prematurely called into play and he becomes either unduly specialized or else disintegrated.

I believe that, as such simplified social life, the school life should grow gradually out of the home life; that it should take up and continue the activities with which the child is already familiar in the home.

I believe that it should exhibit these activities to the child, and reproduce them in such ways that the child will gradually learn the meaning of them, and be capable of playing his own part in relation to them.

I believe that this is a psychological necessity, because it is the only way of securing continuity in the child's growth, the only way of giving a background of past experience to the new ideas given in school.

I believe it is also a social necessity because the home is the form of social life in which the child has been nurtured and in connection with which he has had his moral training. It is the business of the school to deepen and extend his sense of the values bound up in his home life.

## **Reflection Question**

Can social and psychological necessities also be moral necessities?

I believe that much of present education fails because it neglects this fundamental principle of the school as a form of community life. It conceives the school as a place where certain information is to be given, where certain lessons are to be learned, or where certain habits are to be formed. The value of these is conceived as lying largely in the remote future; the child must do these things for the sake of something else he is to do; they are mere preparations. As a result they do not become a part of the life experience of the child and so are not truly educative.

I believe that the moral education centers upon this conception of the school as a mode of social life, that the best and deepest moral training is precisely that which one gets through having to enter into proper relations with others in a unity of work and thought. The present educational systems, so far as they destroy or neglect this unity, render it difficult or impossible to get any genuine, regular moral training.

I believe that the child should be stimulated and controlled in his work through the life of the community.

I believe that under existing conditions far too much of the stimulus and control proceeds from the teacher, because of neglect of the idea of the school as a form of social life.

I believe that the teacher's place and work in the school is to be interpreted from this same basis. The teacher is not in the school to impose certain ideas or to form certain habits in the child, but is there as a member of the community to select the influences which shall affect the child and to assist him in properly responding to these influences.

I believe that the discipline of the school should proceed from the life of the school as a whole and not directly from the teacher.

I believe that the teacher's business is simply to determine, on the basis of larger experience and riper wisdom, how the discipline of life shall come to the child.

I believe that all questions of the grading of the child and his promotion should be determined by reference to the same standard. Examinations are of use only so far as they test the child's fitness for social life and reveal the place in which he can be of the most service and where he can receive the most help.

### ARTICLE III. THE SUBJECT-MATTER OF EDUCATION.

I believe that the social life of the child is the basis of concentration, or correlation, in all his training or growth. The social life gives the unconscious unity and the background of all his efforts and of all his attainments.

I believe that the subject-matter of the school curriculum should mark a gradual differentiation out of the primitive unconscious unity of social life.

I believe that we violate the child's nature and render difficult the best ethical results by introducing the child too abruptly to a number of special studies, of reading, writing, geography, etc., out of relation to this social life.

I believe, therefore, that the true center of correlation on the school subjects is not science, nor literature, nor history, nor geography, but the child's own social activities.

I believe that education cannot be unified in the study of science, or so-called nature study, because apart from human activity, nature itself is not a unity; nature in itself is a number of

diverse objects in space and time, and to attempt to make it the center of work by itself is to introduce a principle of radiation rather than one of concentration.

## Reflection Question

Are Dewey's assumptions about science and nature sound?

I believe that literature is the reflex expression and interpretation of social experience; that hence it must follow upon and not precede such experience. It, therefore, cannot be made the basis, although it may be made the summary of unification.

I believe once more that history is of educative value in so far as it presents phases of social life and growth. It must be controlled by reference to social life. When taken simply as history it is thrown into the distant past and becomes dead and inert. Taken as the record of man's social life and progress it becomes full of meaning. I believe, however, that it cannot be so taken excepting as the child is also introduced directly into social life.

I believe accordingly that the primary basis of education is in the child's powers at work along the same general constructive lines as those which have brought civilization into being.

I believe that the only way to make the child conscious of his social heritage is to enable him to perform those fundamental types of activity which make civilization what it is.

I believe, therefore, in the so-called expressive or constructive activities as the center of correlation.

I believe that this gives the standard for the place of cooking, sewing, manual training, etc., in the school.

I believe that they are not special studies which are to be introduced over and above a lot of others in the way of relaxation or relief, or as additional accomplishments. I believe rather that they represent, as types, fundamental forms of social activity; and that it is possible and desirable that the child's introduction into the more formal subjects of the curriculum be through the medium of these activities.

I believe that the study of science is educational in so far as it brings out the materials and processes which make social life what it is.

I believe that one of the greatest difficulties in the present teaching of science is that the material is presented in purely objective form, or is treated as a new peculiar kind of

experience which the child can add to that which he has already had. In reality, science is of value because it gives the ability to interpret and control the experience already had. It should be introduced, not as so much new subject-matter, but as showing the factors already involved in previous experience and as furnishing tools by which that experience can be more easily and effectively regulated.

I believe that at present we lose much of the value of literature and language studies because of our elimination of the social element. Language is almost always treated in the books of pedagogy simply as the expression of thought. It is true that language is a logical instrument, but it is fundamentally and primarily a social instrument. Language is the device for communication; it is the tool through which one individual comes to share the ideas and feelings of others. When treated simply as a way of getting individual information, or as a means of showing off what one has learned, it loses its social motive and end.

I believe that there is, therefore, no succession of studies in the ideal school curriculum. If education is life, all life has, from the outset, a scientific aspect; an aspect of art and culture and an aspect of communication. It cannot, therefore, be true that the proper studies for one grade are mere reading and writing, and that at a later grade, reading, or literature, or science, may be introduced. The progress is not in the succession of studies, but in the development of new attitudes towards, and new interests in, experience.

I believe, finally, that education must be conceived as a continuing reconstruction of experience; that the process and the goal of education are one and the same thing.

## Reflection Question

How would those who claim that the ends of education are more than the process object to this claim?

I believe that to set up any end outside of education, as furnishing its goal and standard, is to deprive the educational process of much of its meaning, and tends to make us rely upon false and external stimuli in dealing with the child.

### ARTICLE IV. THE NATURE OF METHOD.

I believe that the question of method is ultimately reducible to the question of the order of development of the child's powers and interests. The law for presenting and treating material is the law implicit within the child's own nature. Because this is so I believe the following statements are of supreme importance as determining the spirit in which education is carried on:

1. I believe that the active side precedes the passive in the development of the child-nature; that expression comes before conscious impression; that the muscular development precedes the sensory; that movements come before conscious sensations; I believe that consciousness is essentially motor or impulsive; that conscious states tend to project themselves in action.

I believe that the neglect of this principle is the cause of a large part of the waste of time and strength in school work. The child is thrown into a passive, receptive, or absorbing attitude. The conditions are such that he is not permitted to follow the law of his nature; the result is friction and waste.

I believe that ideas (intellectual and rational processes) also result from action and devolve for the sake of the better control of action. What we term reason is primarily the law of orderly or effective action. To attempt to develop the reasoning powers, the powers of judgment, without reference to the selection and arrangement of means in action, is the fundamental fallacy in our present methods of dealing with this matter. As a result we present the child with arbitrary symbols. Symbols are a necessity in mental development, but they have their place as tools for economizing effort; presented by themselves they are a mass of meaningless and arbitrary ideas imposed from without.

2. I believe that the image is the great instrument of instruction. What a child gets out of any subject presented to him is simply the images which he himself forms with regard to it.

I believe that if nine-tenths of the energy at present directed towards making the child learn certain things were spent in seeing to it that the child was forming proper images, the work of instruction would be indefinitely facilitated.

I believe that much of the time and attention now given to the preparation and presentation of lessons might be more wisely and profitably expended in training the child's power of imagery and in seeing to it that he was continually forming definite, vivid, and growing images of the various subjects with which he comes in contact in his experience.

3. I believe that interests are the signs and symptoms of growing power. I believe that they represent dawning capacities. Accordingly the constant and careful observation of interests is of the utmost importance for the educator.

I believe that these interests are to be observed as showing the state of development which the child has reached.

I believe that they prophesy the stage upon which he is about to enter.

I believe that only through the continual and sympathetic observation of childhood's interests can the adult enter into the child's life and see what it is ready for, and upon what material it could work most readily and fruitfully.



I believe that these interests are neither to be humored nor repressed. To repress interest is to substitute the adult for the child, and so to weaken intellectual curiosity and alertness, to suppress initiative, and to deaden interest. To humor the interests is to substitute the transient for the permanent. The interest is always the sign of some power below; the important thing is to discover this power. To humor the interest is to fail to penetrate below the surface, and its sure result is to substitute caprice and whim for genuine interest.

4. I believe that the emotions are the reflex of actions.

I believe that to endeavor to stimulate or arouse the emotions apart from their corresponding activities is to introduce an unhealthy and morbid state of mind.

I believe that if we can only secure right habits of action and thought, with reference to the good, the true, and the beautiful, the emotions will for the most part take care of themselves.

I believe that next to deadness and dullness, formalism and routine, our education is threatened with no greater evil than sentimentalism.

I believe that this sentimentalism is the necessary result of the attempt to divorce feeling from action.

#### ARTICLE V. THE SCHOOL AND SOCIAL PROGRESS.

I believe that education is the fundamental method of social progress and reform.

I believe that all reforms which rest simply upon the enactment of law, or the threatening of certain penalties, or upon changes in mechanical or outward arrangements, are transitory and futile.

I believe that education is a regulation of the process of coming to share in the social consciousness; and that the adjustment of individual activity on the basis of this social consciousness is the only sure method of social reconstruction.

I believe that this conception has due regard for both the individualistic and socialistic ideals. It is duly individual because it recognizes the formation of a certain character as the only genuine basis of right living. It is socialistic because it recognizes that this right character is not to be formed by merely individual precept, example, or exhortation, but rather by the influence of a certain form of institutional or community life upon the individual, and that the social organism through the school, as its organ, may determine ethical results.

## Reflection Question

What implications does the previous paragraph have on the idea of having responsibility for your own character?

I believe that in the ideal school we have the reconciliation of the individualistic and the institutional ideals.

I believe that the community's duty to education is, therefore, its paramount moral duty. By law and punishment, by social agitation and discussion, society can regulate and form itself in a more or less haphazard and chance way. But through education society can formulate its own purposes, can organize its own means and resources, and thus shape itself with definiteness and economy in the direction in which it wishes to move.

I believe that when society once recognizes the possibilities in this direction, and the obligations which these possibilities impose, it is impossible to conceive of the resources of time, attention, and money which will be put at the disposal of the educator.

I believe it is the business of every one interested in education to insist upon the school as the primary and most effective interest of social progress and reform in order that society may be awakened to realize what the school stands for, and aroused to the necessity of endowing the educator with sufficient equipment properly to perform his task.

I believe that education thus conceived marks the most perfect and intimate union of science and art conceivable in human experience.

## Reflection Question

What would it mean to unify art and science?

I believe that the art of thus giving shape to human powers and adapting them to social service is the supreme art; one calling into its service the best of artists; that no insight, sympathy, tact, executive power is too great for such service.

I believe that with the growth of psychological service, giving added insight into individual structure and laws of growth; and with growth of social science, adding to our knowledge of the right organization of individuals, all scientific resources can be utilized for the purposes

of education.

I believe that when science and art thus join hands the most commanding motive for human action will be reached; the most genuine springs of human conduct aroused, and the best service that human nature is capable of guaranteed.

I believe, finally, that the teacher is engaged, not simply in the training of individuals, but in the formation of the proper social life.

I believe that every teacher should realize the dignity of his calling; that he is a social servant set apart for the maintenance of proper social order and the securing of the right social growth.

I believe that in this way the teacher always is the prophet of the true God and the usherer in of the true kingdom of God.

## Reflection Question

What are the principal elements of Dewey's philosophy of the ends and means of education?

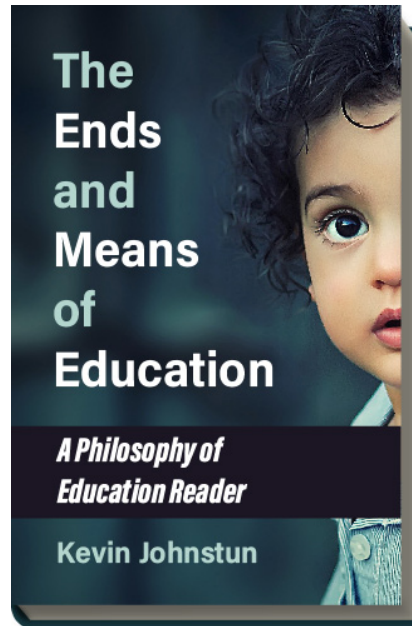
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