ASSESSMENT, EQUITY, AND OPPORTUNITY TO LEARN

Providing all students with a fair opportunity to learn (OTL) is perhaps the most pressing issue facing the U.S. education system. Moving beyond conventional notions of OTL – as access to content, often content tested; access to resources; or access to instructional processes – the authors reconceptualize OTL in terms of interaction among learners and elements of their learning environments. Drawing on sociocultural, sociological, psychometric, and legal perspectives, this book provides historical critique, theory and principles, and concrete examples of practice through which learning, teaching, and assessment can be re-envisioned to support fair OTL for all students.

This book offers educators, researchers, and policy analysts new to sociocultural perspectives a readable and engaging introduction to fresh ideas for conceptualizing, enhancing, and assessing OTL; encourages those who already draw on sociocultural resources to focus attention on OTL and assessment; and nurtures collaboration among members of discourse communities who have rarely engaged one another’s work.

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Assessment, Equity, and Opportunity to Learn

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Since its beginnings, the Spencer Foundation has sought to advance knowledge about education with the aim of educational improvement. Although its core mission remains steadfast, in recent years the foundation has initiated proactive practices to identify research and other compelling projects that show promise for the improvement of teaching and learning and the realization of the potential for education to promote more equalizing opportunities. In its pursuit of research agendas in these areas of inquiry, Spencer has been able to organize the convening of scholars and practitioners who may not otherwise have had occasion to do so regarding important problems of education. It was such a project that led to the publication of *Assessment, Equity, and Opportunity to Learn*.

During its 100-year history, testing likely has not had the powerful influence it has in today’s “culture of evidence” climate. Assessments of student learning have taken on major importance in the current educational policy context, with significant consequences for individual children and their teachers and their schools. It was in this high-stakes climate in late 2001 that Pamela A. Moss, Diana C. Pullin, James Paul Gee, and Edward H. Haertel approached Spencer to support an interdisciplinary initiative focused on expanding the foundations of educational assessment. Their intention was to enhance the dialogue concerning the theories and methods through which assessment is conceptualized, practiced, and evaluated by bringing together scholars from several disciplines to study its practice. They had observed that educational assessment is largely informed by the field of psychometrics and the disciplines of psychology and mathematics on which it draws. They wondered what assessment might look like were it informed by additional research traditions. By casting a wider disciplinary net that included sociocultural and situated perspectives from within anthropology, linguistics, sociology, and psychology, they hoped to explore a range of assumptions about assessment.
and imagine an array of alternative practices. With Spencer’s support, this small core group of scholars was expanded to include King Beach, James G. Greeno, Carol D. Lee, Hugh Mehan, Robert J. Mislevy, Fritz Mosher, and Lauren Jones Young, with staff assistance provided by Doris Fischer and Andrew Ho.

The goal for the first few meetings was to look broadly at testing practices and outline a research and development agenda to conceptualize and study various means of assessment – alternative strategies for gathering, warranting, and using trustworthy evidence about individuals and institutions – that might complement and/or challenge practices based in psychometrics. A second aim was to situate psychometric and alternative assessment practices in their sociocultural contexts in order to illuminate their limitations and effects. Such discussions were intended to surface tacit assumptions, identify the unintended consequences of current practices in educational assessment, and specify the kinds of new knowledge that might be needed to inform more constructive and equitable practices in the future.

Early in the discussions, the group learned that the participants could talk to each other in spite of occasional translation difficulties and that there were good reasons to try to overcome these difficulties. Modern psychometricians have tools that can be used to model or measure almost anything about which one can be really clear, including the kinds of capabilities that can be considered to exist in a community of practice and the social artifacts that support it in its area of activity. This is no longer your daddy’s psychometrics, but you do have to be clear about what you want to model. All, or most, of the group would probably accept that it would be possible to think of such group products as having reflections of some sort inside individuals’ “heads,” but it became clear that the “psych” part of psychometrics is not essential and that our colleagues could simply be called metricians or be prefixed however seemed most appropriate to the task at hand.

Second, it did not take long to realize that everyone agreed the real issue is not testing per se so much as learning and teaching – what should students learn, and what is the school’s responsibility for whether they learn it? Tests or assessments come into the picture because of school systems’ reliance on them as evidence of what individual students or groups have learned and as evidence of whether schools are meeting their responsibility in enabling students to learn what they should, or at least in providing them a fair opportunity to learn.

Our discussions focused on the issues of whether currently widely used assessments represent a valid report of whether students are able to meet the publicly asserted state standards for “proficiency” in core subjects and skills
and whether those standards themselves adequately reflect what would be required to meet the more general rhetorical requirement that students be able to function adequately in further education or in the modern economy and polity.

A thoroughgoing critique from the perspectives of both cognitive science and the situative, sociological, sociocultural, and sociolinguistic viewpoints of the sort to be found in this volume suggests that they have not been validated for either. Current assessments seem to focus primarily on coverage of subject matter content and basic skills. It may be that successful performance on these assessments also requires other aptitudes or capabilities, but if teachers and other educators who are held accountable for students’ success on these assessments think that their main focus is on discrete facts and skills, the tests may “drive” instruction to concentrate on just those things. However, if real proficiency requires students to have additional skills, dispositions, and aptitudes, tests of this sort can deprive them – particularly those at highest risk of performing badly – of the opportunity to gain this necessary knowledge by narrowing instruction only to what the tests are perceived to emphasize.

Our discussions, in fact, focused in some detail on the other kinds of experiences and chances to participate in and acquire the practices that characterize effective functioning in disciplinary or occupational groups, which might also be called habits of discourse or subject- or activity-specific aptitudes or dispositions. These experiences and opportunities are hardly evenly distributed among students from different social groups in this country, and although the resulting practices seem to play a strong role in how easily students learn more traditional content in school, they do not tend to be taught explicitly in school, nor are students given exposure to them. If assessments were developed that were designed to measure and report specifically on such practices, their results could make it clear that some children have not had the opportunity to learn or be exposed to them. On the other hand, they would probably be even “harder” than conventional tests for students from disadvantaged groups, so if they were used for purposes that were consequential for those students, they would seem to be even more unfair. However, if they were treated as measures of opportunity to learn that were consequential to schools, they might raise the question of whether the schools should be held responsible for providing experiences they had never tried to provide before.

This is only a taste of the complexity of the group’s deliberations, but we would suggest that our answer comes down on the side of yes – the schools should be responsible for learning what kinds of experiences are required for students to be able to participate effectively in the practices that will give them
reasonable access to the benefits of modern society; for trying to provide all of
those experiences that are reasonably within their power; and for advocating
for more of the needed resources if they are falling short. Given that there
is only limited knowledge available on how to do this – in the schools or
anywhere else – it would not be reasonable to frame accountability in any
punitive way for not succeeding in fulfilling this responsibility. Rather, the
requirement should be to attend to each student’s and all students’ progress
through assessment and observational processes appropriate to that task and
to make best-effort attempts to respond to their stages of progress. The goal
should be to move the students ahead while taking steps to keep track of the
results of those efforts in order to contribute to the store of knowledge about
what it takes to provide real opportunities to learn what really is required
for opportunity in this society. Clearly, it should be the responsibility of the
research community to work with the schools to help them in fulfilling these
obligations.

We suggest that this book is advocating not just an equal opportunity to
learn as a criterion for judging our schools, but rather an “equalizing oppor-
tunity to learn.” Students differ in ways that require differential experiences
if they are all to reach or exceed some real standard for what is required for
adequate functioning in modern society. Within the limits of their capabil-
ities, schools should adapt to those needs. It will be clear to readers of this
book that we all have a great deal to learn in order to know how to do this,
but we hope that following the paths suggested will considerably increase the
chances of finding the answers.

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Note
1. The opinions expressed in this publication are those of the authors alone and do
not necessarily reflect the views of the Spencer Foundation.
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