Testimony on Proficiency-Based Learning in Vermont

On many measures of educational quality, Vermont ranks among the most effective state systems in the U.S. Indeed, according to one prominent analysis, if Vermont were treated as a nation in international comparisons, it would rank in the top 5 among 33 developed nations in the world for proficiency in reading.¹ And Vermont’s high school graduation rate is among the highest in the country.² In contrast to its high school graduation rate, however, barely half of Vermont’s graduates transition directly to two- or four-year colleges, ranking Vermont 42nd in the country.³ Vermont’s youth on average may score well on standardized tests and graduate, but startling numbers drop out of the postsecondary pipeline, resulting in stark social and economic costs to individuals, families, and the state alike.

A significant disparity exists between the skills and knowledge traditionally assessed in secondary schools and those associated with success in college and careers.⁴ Research has identified four main factors that contribute to college readiness:

- **Cognitive Strategies.** The thinking skills students need to learn material at a deeper level and to make connections among subjects.
- **Content Knowledge.** The big ideas and organizing concepts of the academic disciplines along with the attitudes students have toward learning the subject area.
- **Learning Skills.** Student ownership of learning that connects motivation, goal setting, self-regulation, metacognition, and persistence with techniques such as study skills, note taking, and technology skills.
- **Transition Knowledge and Skills.** The aspiration to attend college, the ability to choose the right college and to apply and secure necessary resources, an understanding of postsecondary education expectations and norms, and the capacity to advocate for one’s self in a complex institutional context.⁵

Focused on these outcomes, a wide range of researchers and organizations concluded that high schools must establish systems that yield 1) a keen understanding of individual learners; 2) flexible learning pathways responsive to individual students’ needs and interests; and 3) personalized, ongoing assessment of that learning.⁶ These same practices help address socioeconomic, ethnic and racial inequity and promote deeper student engagement in high school, including among students at risk of dropping out of school.⁷ Montpelier has advocated for a remarkably consistent vision for effective education. The 1968 report, *Vermont Design for Learning*, the 2002 report *High Schools on the Move: Renewing Vermont’s Commitment to Quality Secondary Education*, and in 2013, *Act 77, An Act Relating to Encouraging Flexible Pathways to Secondary School Completion*.

The combination of Act 77 and the related updates to the Educational Quality Standards established three pillars of personalized learning: 1) personalized learning plans (through Act 77); 2) flexible pathways to learning (through Act 77); and 3) proficiency-based assessment (through the EQS). Table 1 below summarizes some of the limitations of not focusing on all three pillars simultaneously.

Proficiency-based learning systems typically share some common characteristics: clearly articulated competencies focused on readiness success in college, career, and civic life; task-neutral scoring criteria applicable across a wide range of in-school and out-of-school learning; portfolios and/or exhibitions of evidence of student proficiency to authentic audiences; multiple opportunities for students to develop and demonstrate mastery until proficiency is achieved; students to take ownership over their own learning; and reflection is a critical component of the performance assessment process.⁸
Table 1. Interdependence of the Three Pillars.

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<th>The Pillars of Personalized Learning</th>
<th>Results in</th>
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<tr>
<td>Personalized Learning Plans + Flexible Pathways + Proficiency-Based Assessment</td>
<td>Engaging, authentic, personalized learning</td>
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<td>Personalized Learning Plans + Flexible Pathways + Proficiency-Based Assessment</td>
<td>Loss of engagement, authenticity, student voice</td>
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<td>Personalized Learning Plans + Flexible Pathways + Proficiency-Based Assessment</td>
<td>Loss of differentiated, ubiquitous learning opportunities</td>
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<td>Loss of accountability, equity, community support</td>
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The interdependence of PLPs, flexible pathways, and proficiency-based assessment necessarily poses challenges for implementation. But it can also offer solutions. For instance, regular student-led PLP conferences promote student learning and responsibility while also informing families about what proficiency-based learning looks like. And students engaged in real-world, flexible pathways to learning legitimize proficiency-based assessment. Yet reforming a century old assessment system requires enormous energy and commitment. The effort is easier to sustain with a frank appraisal of the traditional system in light of current needs. Stiggins observed a number of “shameful realities” associated with traditional assessment that a reformed system should rectify:

- Schools Have a New Mission Which Demands a New Assessment Vision [to prepare all students for career, college, and civic life demands a shift from sorting and ranking to every student succeeds]
- We Have Failed to Clearly or Completely Define "Academic Success."
- We Have Never Really Cared About the Quality of Our Assessments.
- Our Communication of Assessment Results Has Rarely Been Truly Effective.
- Until Recently, We Have Not Wanted All Students to Succeed.9

While resisting change is natural and often prudent, it is important to identify the deficits of specific practices in the current system, those practices that are not worth preserving. The perceived benefit of a change can be in relation to oneself, such as the individual student, for instance, or a parent’s concern for their own child.10 Or the perceived benefit of the change can be in relation to society, such as the welfare of other or all students, and the future of communities and the economy.

Vermont’s youth face a future for which the current system of secondary schooling was never designed. And in spite of Vermont’s world class ranking on high-profile standardized tests, there is compelling evidence that the current system poorly serves many students. Fortunately, research and experience in the field charts a course forward. And it is a course Vermont anticipated decades ago.

John Downes, Ed.D., is director of the Tarrant Institute for Innovative Education at the College of Education and Social Services, University of Vermont. Over the last 10 years, the institute has worked with 70 schools across Vermont, with the last five years emphasizing implementation of Act 77’s requirements for personal learning plans, flexible pathways, and proficiency-based assessment. The institute has produced more than 200 research and other publications and presentations for state and national audiences, including the 2019 book for Harvard Education Press, Personalized Learning in the Middle Grades, A Guide for Classroom Teachers and School Leaders.


