

Rethinking Inclusion: Schoolwide Applications

"Inclusion" is usually regarded as the placement of special education students in general education settings. But Mr. Sailor and Ms. Roger present a new vision of integrated education, in which previously specialized adaptations and strategies are used to enhance the learning of all students.

BY WAYNE SAILOR AND BLAIR ROGER

AS A FIELD, special education presents an excellent case study of the paradox of differentiation and integration, wherein we seek solutions through increased specialization but, in so doing, we redefine a problem in terms of discrete parts at the expense of the whole. As Thomas Skrtic pointed out more than a decade ago, a large and ever-widening gap exists between the purpose of special education — to provide needed supports, services, adaptations, and accommodations to students with disabilities in order to preserve and enhance their educational participation in the least restrictive environment — and its practice.¹ And that practice has evolved over three decades into a parallel and highly differentiated educational structure, often with only loosely organized connections to the general education system.²

Having disengaged from general education early on, special education began to undergo a process that, at times, has seemed to mimic cell division. At one point in its ontogeny, the field could list some 30 distinct eligibility categories for special ed-



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ucation services (e.g., learning disabilities, behavioral disorders, severe disabilities, autism, and so on).³ Many of these early categories further subdivided, with autism, for example, splitting into a host of subcategories lumped under "autism spectrum disorders."⁴

How has all of this come about? The paradox of differentiation and integration — with its tensions in practice and contradictions in policy — offers a reasonable hypothesis. In our efforts to better meet the educational needs of specific identifiable groups, we have promoted differentiation at the expense of integration. If such a policy produced exemplary outcomes, the only remaining questions would concern how to direct scarce resources to meet the needs of a few individuals, and the values underlying special education would no doubt resolve the tension in favor of customization and differentiation. But the positive outcomes don't seem to be there.⁵

In its early days, special education embraced the diagnostic/prescriptive model characteristic of modern medicine, and disability was viewed as pathology. Psychology, with its partner the test industry, became the "gatekeeper" for special education. Students referred by teachers and parents were diagnosed in one of the categories of disability and tagged for separate (highly differentiated) treatment. Indeed, special education policy handbooks at the district level came to resemble the *Diagnostic and Statistical Manual* of the American Psychiatric Association.

Then in the 1980s, the U.S. Department of Education began to advance policy reforms designed to slow the growth in the number of special education categorical placements and practices. These initiatives occurred against a backdrop of publications citing positive outcomes from integrated practices and a corresponding barrage of studies associating separate classrooms and pullout practices with negative outcomes.⁶

The first of these reforms was called the Regular Education Initiative and was designed to stimulate the provision of special education supports and services in general education classrooms. It generated enormous controversy within special education. Indeed, a special issue of the *Journal of Learning Disabilities* was devoted entirely to an attempt to refute the research underlying the policy.⁷ Framing the reform of special education policy as general education policy ("regular" education initiative) failed completely within the community of special education.

More recently, federal policy has advanced "inclusion" as recommended practice and has expended sig-

nificant funds for training, research, and demonstration purposes. This initiative, too, has failed to significantly change special education placement and service configurations, over about a 15-year period. Again, the policy has drawn fire from within special education and has failed to attract interest and enthusiasm from general education.⁸

The No Child Left Behind (NCLB) legislation, for all its problems, does offer special education an opportunity to pursue once again the pathway to integration. First, NCLB makes clear that *all children* in public education are general education students. Second, the law is firmly anchored in accountability, even going so far as to define "evidence" and to restrict scientific inquiry to approved methodologies. If students identified for special education are placed in general education settings and provided with specialized services and supports, and if evidence for academic and social outcomes is to be evaluated according to approved methodologies, then there is an opportunity to achieve a measure of integrated education policy. And the sum of available evidence overwhelmingly supports integrated instructional approaches over those that are categorically segregated,⁹ regardless of the categorical label or severity of the disability.¹⁰

A SCHOOLWIDE APPROACH

That inclusion policy has failed to garner much support from general education can be partially attributed to the way "inclusion" has been defined. Virtually all definitions begin with a general education classroom as the unit of interest and analysis for the provision of supports and services. The problem with a general-classroom-based model is that it doesn't seem credible to the general education teacher, whose job is usually seen as moving students as uniformly as possible through the curriculum. Students whose disabilities impede them from progressing at the expected rate and who, as a result, fall whole grade levels behind their classmates on various components of the curriculum seem to belong elsewhere. Special education has usually been there to oblige with separate categorical placements, particularly when "inclusion" has been tried and has "failed."

Alternatively, when inclusion is a core value of the school program, students with IEPs (individualized education programs) who cannot function in various components of the classroom curriculum often find themselves at tables, usually in the back of the classroom, with paraprofessionals who, in a one-on-one approach,

work with them on "something else." This practice not only segregates special education students within the general education classroom but also creates a distraction that has a detrimental effect on general and special education students alike.¹¹

But does inclusion need to be tied to a classroom-based model? If the objective is to avoid separate, categorical placements as the chief alternative to general education placements, then can we shift the unit of analysis from the classroom to the school? So if Joey is a student who, because of his disabilities, cannot progress at grade level in the third grade, then we can ask, For those portions of the third-grade curriculum that Joey cannot successfully engage, even with support, where should he be? With whom? And doing what? The problem then becomes one of scheduling, personnel deployment, and the use of space, not one of alternative placement.

A schoolwide approach is not a variation on the older "pull-out" model. Under emerging schoolwide models, students with IEPs are not removed from general education classrooms to receive one-on-one therapies and tutorials or to go to "resource rooms." Following the logic of integration, all services and supports are provided in such a way as to benefit the maximum number of students, including those not identified for special education. Indeed, in recent years, special education has developed evidence-based practices that have been shown to work for general education students as well. Learning strategies, positive behavior support, and transition planning are three excellent examples.¹² Here's a good summary of this new kind of thinking:

In a transformed urban school, then, learning and other educational supports are organized to meet the needs of all students rather than historical conventions or the way the rooms are arranged in the building. Creative reallocation of even limited resources and innovative reorganization of teachers into partnerships and teams offer ways to break old molds and create the flexibilities needed to focus on student learning and achievement. Previously separate "programs," like special education, Title I, or bilingual education, come together to form a new educational system that delivers necessary additional supports and instruction in the same spaces to diverse groups of students. The new system anchors both organizational and professional effort in student content, performance, and skill standards that are owned by local communities and families while informed by national and state standards, curriculum frameworks, and effective assessment strategies.¹³

The Individuals with Disabilities Education Act (IDEA) contains language in its "incidental benefits" section that encourages applications of special education that hold promise for general education students. This approach enables special educators to support students with special needs by means of integrated arrangements.

Three decades of comprehensive special education have produced an extraordinary wealth of pedagogical adaptations and strategies to enhance learning. This unique set of conditions came about through the provision of set-aside funds for research under IDEA, and much of that research has focused on problem-solving strategies that can benefit any hard-to-teach students. Today, NCLB exhorts us to teach all students to the highest attainable standards. Special education has designed instructional enhancements that can facilitate this outcome, but for these research-based enhancements to benefit all students, special education needs to be integrated with general education. Emerging schoolwide approaches and the call for a "universal design for learning"¹⁴ represent early efforts in this direction.

When a schoolwide approach is applied to "low-performing" schools, such as those sometimes found in isolated rural settings or in inner-city areas affected by conditions of extreme poverty, mounting evidence suggests that integrated applications of special education practices can yield positive outcomes for all students. For example, when fully integrated applications of learning strategies designed originally for students with specific learning disabilities have been implemented, scores on NCLB-sanctioned accountability measures for all students have increased. Where social development is at issue, the use of schoolwide positive behavior support has led to higher standardized test scores for general education students in low-performing schools.¹⁵

SAM

To illustrate how an integrated model works in practice, we describe below our own version of such an approach, called SAM for Schoolwide Applications Model, which is being implemented and evaluated in eight California elementary and middle schools and in one elementary school in Kansas City, Kansas. We describe this model in terms of six "guiding principles," which can be broken down into 15 "critical features." Each feature can be evaluated over time using SAMAN (Schoolwide Applications Model Analysis System), an assess-

ment instrument designed to enable schools themselves to link specific interventions to academic and social outcomes for all students. While this approach can appear to mimic comprehensive school reform in some ways, it is specifically designed to be integrated into the existing values and culture of each individual school. In other words, under SAM, a school that wishes to unify its programs and resources is presented with the 15 critical features and instructed to use team processes to implement them according to its own culture and time lines. Across our nine research sites, we are seeing great diversity and creativity on the part of school teams.

GUIDING PRINCIPLES AND CRITICAL FEATURES

Guiding Principle 1. General education guides all student learning. As a fully integrated and unified model, SAM proceeds on the key assumption that all student learning is guided by a district's framework for curriculum, instruction, and assessment and is thus aligned with state standards. Four critical features support this principle: 1) all students attend their regularly assigned school; 2) all students are considered general education students; 3) general education teachers are responsible for all students; and 4) all students are instructed in accordance with the general education curriculum.

Most teacher training programs today continue to encourage general education teachers to expect special education teachers to assume primary responsibility for students with IEPs. Special education departments at colleges and universities reinforce this notion by training special education teachers in self-contained classrooms and by having little overlap with general education departments, such as departments of curriculum and instruction.¹⁶ An integrated schoolwide model, on the other hand, essentially requires teachers to see their role differently. At SAM schools, the general education teacher is the chief agent of each child's educational program, with support from a variety of others. Using SAM, general education teachers have primary responsibility for all students, consider themselves responsible for implementing IEPs, and collaborate with special education professionals to educate students with disabilities.

Furthermore, this guiding principle encourages schools to avoid such alternative placements as special schools for students who need extensive services and supports. Through SAM, schools welcome these students and configure any funding that comes with them to bene-

fit a variety of students through integrated applications.

At our research sites, it is school policy to encourage parent participation and involvement, and parents are given extensive information about the schoolwide model. In those rare cases when parents feel strongly that their child requires a separate, self-contained placement — and the district concurs — the student may be referred to a comparable non-SAM school that offers self-contained classes for students with disabilities.

SAM does not allow for separate classes for students with disabilities at the school site, so the challenge is to focus on how such students can be supported in the general education classroom, how they can be supported in other environments, and how specialized therapies and services can be provided. The use of space, the deployment of support personnel, and scheduling issues become significant. At SAM schools, very little attention is focused on the existence of disabilities among some students. Every effort is made to foster friendships and positive relationships among students with and without disabilities.

SAM differs from traditional inclusion models by ensuring that students with IEPs are pursuing goals and objectives matched to and integrated with the curriculum being implemented in the general education classroom. Under SAM, no student with disabilities would be found at the rear of a classroom, engaged with a paraprofessional on some task that is unrelated to what the rest of the class is doing. If the class is engaged in a higher-level curricular activity, say, algebra, and a student with disabilities cannot engage that material with measurable benefit, then that student might be assigned to an integrated grouping outside of the classroom for that period. In that case, instruction in remedial math would take place with general education students who are also operating at the same curricular level.

There are times, of course, when one-on-one instruction is appropriate in the general education classroom, but this option would be available to any student who could benefit rather than restricted solely to students identified for special education. For example, any child who needs intensive instruction in reading might receive a 30-minute tutorial session in the school's learning center while the rest of the class is engaged in a reading exercise.

Guiding Principle 2. All school resources are configured to benefit all students. Three critical features support this principle: 1) all students are included in all activities; 2) all resources benefit all students; and 3) the school effectively incorporates general education

students in the instructional process.

In traditional schools, students in special education often do not accompany general education students on field trips; attend sporting events, assemblies, performances, and after-school programs; or take part in specialized reading, math, and science programs or enrichment programs in the arts. SAM schools seek to overcome such barriers to inclusion in all regular school

employs a noncategorical lexicon; and 4) the school is governed by a site leadership team.

SAM schools are encouraged to upgrade district software to enable the leadership team to make use of all available databases that affect the social and academic performance of students. Through a process called school-centered planning, SAM schools use a variety of performance data fields, disaggregated at the district level,

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events. All students with IEPs are members of age-appropriate, grade-level classrooms, and they attend all non-classroom functions with their classmates.

Large SAM schools, particularly secondary schools, also make use of small-group arrangements at the classroom level and small learning communities at the school level. Cooperative learning groups, student-directed learning, peer tutorials, peer-mediated instructional arrangements, and so on can greatly enhance outcomes for all students in integrated instructional settings. In addition, particularly in large middle schools and high schools, teams of general and support teachers skilled in math or literacy can use learning centers to support any student's needs. The learning center becomes flexible space for tutorial services offered by teachers or volunteer members of the National Honor Society, as well as a place to make up tests, complete homework with assistance, see a missed film, find resources for a paper or project, and so forth.

Guiding Principle 3. Schools address social development and citizenship forthrightly. A single critical feature undergirds this principle: the school incorporates positive behavior support (PBS) at the individual, group, and schoolwide levels. PBS was originally developed as specialized instruction in social development for students with behavioral disabilities. But it has demonstrated its efficacy for all students, particularly those in schools challenged by urban blight and poverty.¹⁷ SAM schools incorporate schoolwide PBS as a comprehensive intervention package to help meet the social development needs of all students.

Guiding Principle 4. Schools are democratically organized, data-driven, problem-solving systems. Four critical features support this principle: 1) the school is data-driven and uses team processes; 2) all personnel take part in the teaching/learning process; 3) the school

to make decisions regarding priorities related to school improvement.

SAM schools recognize that all salaried personnel at a school can contribute to the teaching/learning process. A custodian may have hidden talents for vocational training, or a speech therapist may be skilled in musical composition. The trick is to enable all school personnel to contribute to the primary mission of the school and not to be completely constrained by bureaucratic specifications of roles. SAM schools also seek to move away from such categorical descriptors as "learning disabilities," "inclusion," "specials," and so on. There are just two kinds of teachers in a SAM school: classroom teachers and support teachers.

A site leadership team is established at each SAM school. It represents all school personnel and may include parents and members of the local community. This team undertakes the process of school-centered planning to evaluate data related to student academic and social performance, to prioritize specific interventions to improve outcomes, and to advance the mission of the school through full implementation of SAM.

Guiding Principle 5. Schools have open boundaries in relation to their families and communities. Two critical features support this guiding principle: 1) schools have working partnerships with their students' families; and 2) schools have working partnerships with local businesses and service providers.

SAM schools go beyond the traditional structure of parent/teacher organizations and solicit the active participation of family members in the teaching/learning process. Some SAM sites have made the establishment of a family resource center at the school a top priority. Some have even created a "parent liaison" position.

SAM schools also reach beyond the "business partnership" relationship that has characterized some school

reform efforts. Schools undertake a "community mapping" process to understand their respective communities. Under many circumstances, the school community may not be geographically defined. But the point is to engage the school's constituents in the life of the school.

Furthermore, effective community partnerships set the stage for meaningful service-learning opportunities and open up possibilities for community-based instruction for any student. Students with IEPs, for example, who cannot engage a secondary-level, classroom-based math curriculum, might take part in "community math" in real-life applied settings such as banks and stores. Other students who are chronically unmotivated by school may reconnect with the learning process through community-based learning opportunities.

Guiding Principle 6. Schools enjoy district support for undertaking an extensive systems-change effort. Just one critical feature is necessary here: schoolwide models such as SAM that offer a significant departure from traditional bureaucratic management and communication processes must have district support. One way to garner such support is to set up pilot projects with the understanding that expansion to additional sites is contingent on documented gains in measured student academic and social outcomes. District-level support may be expected to increase following successful demonstrations and sharing results across schools over time.

MEASUREMENT STRATEGIES

Each SAM school employs a package of psychometrically established instruments with which to assess progress related to the priorities that were established through the school-centered planning process. These instruments include a schoolwide evaluation tool to assess support for positive behavior,¹⁸ SAMAN to assess the 15 critical features of SAM, and EVOLVE to assess the training of paraprofessionals and the ways they are deployed.¹⁹

Districts are encouraged to use the COMPASS Data Analyzer²⁰ as an adjunct to the districtwide data system to enable each SAM school to receive feedback about its own priorities and specific data of interest. The program also facilitates reporting to the other teams and committees at the school.

STRUCTURAL ELEMENTS OF SAM

SAM is a fully integrated and unified approach to the

education of all students. As a process, it is intended to enable schools to engage in collaborative, team-driven decision making that is focused on interventions designed to enhance academic and social outcomes for students. The process of educating all students together presents both challenges and opportunities. The SAM approach requires certain structural elements to be in place. As touched upon earlier, two elements, a site leadership team and school-centered planning, must be present at the school level. And two more elements, a district leadership team and a district resource team, must be present at the district level.

Site leadership team. The SLT, usually with between eight and 12 members, evaluates schoolwide data on student progress; sets priorities, goals, and objectives for each school term; and networks with and reports to the other teams and committees that function at the school. The principal is usually a member of the SLT but does not need to be its chair. Membership on SLTs is usually determined by a combination of internal teacher nominations, with elections for one-year renewable terms; principal appointments; and invitations to specific parents and community members. Expenses incurred by parent and community participants, the cost of substitutes for participating teachers who attend out-of-class meetings, the cost of supplies, and so on, can become budget items for SLTs. SLTs follow strict team procedures with regard to agenda, floor time, minutes, and so on, so that precious time is not wasted. SLTs meet at least biweekly and undergo full-day "retreats" at least twice a year, prior to the beginning of each new term. The school-centered-planning process takes place during these retreats.

School-centered planning. The SCP process is patterned after empowerment evaluation.²¹ Using this process, a facilitator, supplied by the district or arranged through a university partnership, assists the SLT to begin with a vision for why the school decided to become a SAM school. A set of goals is derived to make the vision real, and a set of specific objectives for the coming term is spelled out for the various school/community personnel. Measurement strategies are identified for each objective so that subsequent planning and objective setting can take account of data on pupil performance that are linked to specific measurable processes. The SLT holds interim meetings to review progress in the implementation of each SCP action plan for the term.

District leadership team. The DLT consists of district personnel with an interest in implementing SAM. The superintendent may well be a member but usually will

not be the chair. DLTs are frequently chaired by the head of curriculum and instruction, since SAM processes are driven primarily by general education. Other members of the DLT typically include the head of pupil support services, the special education director, the Title I director, and the director of programs for second-language learners. The superintendent may appoint other members as needed. The DLT usually meets three or four times a year to review SAM school-site plans and to consider requests for approval of policy and budget items arising from these plans.

District resource team. The final structural component is the DRT. This team is usually made up of district-level staff members who work closely with the schools, such as regional special education personnel, grade-level specialists, the parent support coordinator, and transportation officials. The function of the DRT is to help the DLT consider requests for resources from each school site for the coming term. If, for example, a SAM site requests two additional paraprofessionals to implement one or more objectives on its plan for the coming term, the DRT will consider the request, balance the needs of that site against the collective needs of all district schools, and make recommendations to the DLT. Typically, DRTs with several SAM sites in the district will meet on a fairly frequent basis to help the district stay ahead of the curve of systems change.

The Schoolwide Applications Model is a work in progress. It represents an effort to integrate all aspects of comprehensive school reform with a new and innovative approach to the delivery of special education supports and services. Research must continue if we are to determine whether the premise of SAM holds: namely, that de-differentiated educational practices can support personalized learning — in and outside of classrooms — while creating a sense of unity and a culture of belonging in the school.

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