CONTENTS

Acknowledgments ix

Introduction 1

PART I. BRIEF HISTORY 7

- Early Days 9
- Poor Kids Advance, Too 21 2
- Growth Industry 32

PART II. ON THE GROUND IN 2018 51

- The Lone Star Challenge 53 4
- Growing AP in Gotham 72
- **6** In Suburbia 94
- 7 Advancing Charter Schools 115

PART III. CHALLENGES AND OPPORTUNITIES 129

- Competition Stiffens 131
- 9 Does Platinum Bend? Standards under Stress 155
- **10** Elite Dropouts 170
- 11 Advanced Placement Fights the Culture Wars 188

PART IV. LOOKING AHEAD 207

12 Making a Difference 209

Appendix I. Cui Bono? Weighing the Benefits of Advanced Placement and Dual Credit Appendix II. Additional Data 253

Index 263

Introduction

Amid the enduring mediocrity of American secondary schooling and the nonstop caravan of reforms, experiments, and pilot programs intended to fix it, there lurks a sixty-year-old success that has not drawn the attention or plaudits that it deserves. Now engaging nearly three million high school students who sit for some five million exams every year, the Advanced Placement program has quietly worked its way into the offerings of most public and private schools, the policies of many states and districts, the admissions and placement decisions of hundreds of universities, the educational aspirations of countless families, and the academic programs of innumerable college students. Along the way, it has emerged as a nearly unique standard of rigor and quality for the K–12 system, a source of professional gratification for myriad teachers, and—remarkable in these fractured and politicized times—a de facto national high school curriculum joined to a battery of exacting tests that are widely deemed "worth teaching to."

Unlike charter schools, "dropout recovery" schools, and virtual schools, Advanced Placement is not a newfangled institutional form. Unlike—though intersecting with—today's enthusiasms for personalized learning and online instruction, AP is not a pedagogical or technological novelty. Unlike "No Child Left Behind" and "Race to the Top," AP is not a federal program or mandate. Unlike the "Common Core," it is not something that states impose on reluctant school systems and teachers. Rather, it's a privately operated, mostly privately financed, and almost entirely voluntary curricular option for high schools and their teachers and students, one that's been competently

2 INTRODUCTION

managed and adroitly led by the nonprofit, nonpartisan College Board. As such, AP enjoys an excellent reputation and is broadly popular among both parents and educators, including many who bridle at other items on today's reform agendas. It has mostly avoided the politics and fads that roil contemporary American public education, even as it has gradually evolved into a significant player in the longest-running and most compelling reform impulse of all: to widen educational opportunity and foster upward mobility for disadvantaged youngsters.

For several decades after its founding in the mid-twentieth century, AP was a modest venture, scarcely visible on the K–12 scene, that conferred extra advantages on a relative handful of already-fortunate kids attending a short list of exclusive private and posh suburban public high schools. Within those well-heeled surrounds, AP offered college-level courses to able, motivated pupils in a limited array of subjects, followed by exams that gauged their mastery of that material, potentially leading to degree credit on matriculation. (Author Finn used it in 1962 to skip his freshman year of college.)

Today, however, Advanced Placement's profile is far higher and markedly different: A host of policies, auxiliary programs, and booster organizations have widened access to it. Not only is its scale vastly greater, its cadres are also much more diverse, both demographically and geographically, and it's being deployed strategically in many places to strengthen the secondary schooling and postsecondary prospects of poor and minority youngsters who long lacked access to high-level coursework.

For them, as for its original population of course- and exam-takers, participation in Advanced Placement can bring multiple benefits: One's scores may yield stronger odds of gaining admission to the university of one's choice, the chance to skip entry-level classes after matriculating, and actual credit toward one's degree. Along the way, AP supplies intellectual challenges to able students, affords them additional academic choices, and enables them to go further and deeper in subjects that interest them than is possible in standard curricula. It creates opportunities for motivated teachers to stretch themselves while gaining valuable professional development and colleagueship. Carefully deployed, it can tone up and revitalize entire high schools and, sometimes, the middle schools that feed them. For College Board leaders, as New York Times columnist Thomas Friedman recently noted, it's even a means for ensuring that more young people enter adulthood having already accessed the "two codes" they view as central to successful lives and good citizenship in today's America: computer science and the US Constitution.1

As it shoulders these multiple missions, however, and pursues goals that go far beyond its initial raison d'être, the AP program confronts sizable challenges. It must navigate the ideological and curricular rapids that flow from academe into the K-12 system, and it must seek viable truces in the culture wars that rock a number of disciplines so that its courses can continue both to satisfy the demands of universal public education at the secondary level and to qualify for course credits and placements at the college level.

Delivering on AP's promise also grows palpably harder as the program expands and diversifies: finding—and preparing—a sufficiency of qualified and willing teachers across the almost forty subjects in the current catalog; ensuring that school principals and district leaders are fully bought into the multiple challenges both of implementing AP in the high schools and satisfactorily preparing more youngsters before they even get there; fending off critics who would rather devote all available resources to low achievers and struggling learners; retaining the loyalty of upscale parents who fear that their kids' AP experience (and advantage) may be dimmed by the inclusion of "those other" students; dealing with the blowback from AP's democratization as some exclusive private schools and colleges begin to shun it; and contending with a surge of rival offerings (notably "dual enrollment" programs) that seem to promise easier access to surer college credit.

How is the College Board handling such dilemmas? Can one program juggle so many balls? As AP enlarges its footprint and extends its mission, how well is it preserving the features that made it worth expanding in the first place, particularly its unapologetic rigor, its commitment to liberal education, and its stealthy furnishing of quality education choices? How acute is the tension between accelerating proven high achievers and assisting a diverse population of kids to get a leg up on college? How effective is AP, actually, in those roles today, as it evolves from a low-profile elite option to a big-time reform strategy for policy and philanthropy?

Can AP sustain its acclaimed high standard at a time when most state academic standards are rising even as there's intensifying pressure to ease passing scores, inflate grades, "recover credit," and push everyone through to graduation, matriculation, and college degrees? Can it retain its coast-to-coast acceptance as authority over standards, assessment, and accountability shift from Washington back to the states—and as anything resembling a national curriculum seems politically taboo? Can it sustain its integrity—and expanded market—as competitors get more traction? Can it preserve the respect in which it has been widely held as its very scale and giant revenue stream lead more critics to hurl stones at it?

4 INTRODUCTION

Closer to the ground, how are actual schools and school systems—both longtime users and those new to the enterprise—dealing with today's Advanced Placement program? How are they accommodating—or initiating—moves to bring it within range of more kids and to advance equity as well as achievement? Why are some private schools turning their backs on it even as some charter-school networks build it into every student's program?

From its modest beginnings, AP has grown enormously in response to popularity among teachers and parents, ambition (and competition) among students, and pressure from many directions to expand access to its courses and add more subjects to its catalog. Today, the College Board estimates, about one-fifth of recent US graduates have scored a "qualifying score" (3 or better on a scale of 1 to 5) on at least one AP test during their high school years.

Many of these young people do in fact obtain some credit and can thereby expedite or deepen their undergraduate education and possibly cut its cost. Yet some colleges—looking to their own revenues, enrollments, and faculty preferences—have lately made this harder to get. Meanwhile, the competition to gain admission to those very institutions has intensified so that even students who don't "qualify" on AP exams are keen to display its courses on their high school transcripts as evidence of their commitment to embracing challenge and grappling with rigor. Still, with large fractions of AP's new participants, particularly black and Latino youngsters, faring poorly on those exams, it's important to ask how much satisfaction to take from wider access when that's accompanied by lower rates of success. This dilemma resurfaces several times in the pages that follow, until we settle our own view of it in the final chapter.

An easy remedy would be to make AP exams easier to pass, but the program's five-point scale may be the closest thing American education has to a "platinum yardstick," an unbending standard of intellectual attainment in high school at a time when state standards, assessments, passing scores, grading practices, and graduation requirements are all in flux. Its association with resolute quality is a major source of AP's popularity with so many families, guidance counselors, policy makers, and philanthropists.

Because Advanced Placement is uniform, externally validated, and respected for its rigor, helping more students participate and succeed in it is the goal of numerous ventures. For many education reformers, opening its gates wider has become a means to equalize opportunity, expand college participation and completion, strengthen America's human capital, and foster upward mobility. Some also prize its ability to assist gifted students who

crave more than the standard curriculum and bored kids who otherwise spin their intellectual wheels during the last year or two of high school. Others see AP expansion as a "rising tide" that can lift entire schools. More and more districts and several states cover the costs not only of the AP courses and those who teach them but also of the fees for students taking AP exams.

Although dustups occur now and then over individual subjects, AP's catalog of courses and exams has generally avoided the controversies that typically confound anything that smacks of national curriculum or testing in the United States, although such systems have long existed with minimal ruckus in other high-performing countries. Advanced Placement threads this needle because it's voluntary, not something imposed by government; because its creators and operators serve a private outfit with no political coloration; and because it's not a total curriculum. Rather, it's an array of courses that no school teaches in its entirety and that no student comes close to taking all of. Within each course, a fair amount of discretion is left to classroom teachers, which also causes most educators to value and take pride in teaching it, rather than resenting and opposing it.

Advanced Placement has also functioned as a welcome source of choice within American secondary education—not choice among schools as much as options among courses, teachers, and levels of intellectual challenge. Because it doesn't "threaten the system" like charter schools or vouchers, it hasn't faced the acrimony that we associate with other forms of choice. As it expands, however, and moves more prominently into other reform crusades, draws on more funding, and encounters more competition, it garners greater attention and controversy.

The flood of college-credit options during the high school years also alarms some professors, bursars, and registrars, even as more of their own postsecondary institutions seek to supply (and profit from) such options. At the same time, the still-uneven distribution of these options (and access to them) across the K–12 landscape worries advocates and policy makers who focus on educational equity.

The Advanced Placement program, in short, besides having become a very big deal, has turned into something of an education Rorschach test, playing multiple roles, aspiring to diverse goals, and surfacing a number of fault lines as well as opportunities. One can see in it at least a partial solution to many different problems and can glimpse progress on many fronts. One can also detect signs of reluctance and resistance on a number of those fronts.

Now well into its sixties, AP today warrants a biography—the clear-eyed but friendly kind—and that's what we've undertaken. In the pages that

6 INTRODUCTION

follow, we review its history, examine its workings on the ground, discuss alternatives (and rivals) to it, delve into the major issues that it faces today, and consider the sizable contributions it can—and cannot—make to the future of American education.

Notes

 $1.\ Thomas\ L.\ Friedman, "The\ Two\ Codes\ Your\ Kids\ Need\ to\ Know," \textit{New\ York\ Times}, February\ 12,\ 2019.\ https://www.nytimes.com/2019/02/12/opinion/college-board-sat-ap.html?action=click&module=Opinion&pgtype=Homepage.$

INDEX

Italic pages refer to figures and tables

academic standards: AP as gold, 209-16; Asian students and, 167; black students and, 167-68; calculus and, 167; challenges to, 155-68; College Board and, 158-68, 169n13; Common Core and, 1, 156, 159, 192, 196, 202, 220, 229; degrees and, 2-3, 11; diplomas and, 158, 161, 167, 169n7; dual credit and, 159; equity and, 168; Every Student Succeeds Act (ESSA) and, 38, 156; exams and, 165-68; Florida and, 162; framework development and, 160-61; Goals 2000: Educate America Act and, 156; GPAs and, 158 (see also GPAs (grade point averages)); graduation and, 3, 157-58; Hispanic students and, 155, 167-68; Improving America's Schools Act and, 156; International Baccalaureate (IB) and, 159; matriculation and, 3; National Council on Education Standards and Testing and, 156; National Math and Science Initiative (NMSI) and, 164; New York City and, 164; No Child Left Behind and, 1, 103, 156, 159; Packer and, 162-63, 165-66, 168, 172-73, 176-78, 180; parents and, 95, 146-61, 164, 166-67; pass rates and, 167; physics and, 167; PISA and, 157, 159, 210; poor kids and, 159, 161; principals and, 162, 164, 166; qualifying scores and, 166-68, 183-85; quality and, 167 (see also quality); racial issues and, 167; reform and, 164; relaxation of, 157-58; revenue and, 166; rigor and, 157-60 (see also rigor); scoring and, 183-85; teachers and, 156-68, 169n7, 169n13; Texas and, 164; TIMSS and, 157, 159, 244; Title I program and, 156; white students and, 167 Achievement First, 116

Achievement First, 116 ACT: academic gold standard and, 210; College Board and, 100, 185; dual credit and,

227; suburbs and, 100, 102; Texas and, 60, 62, 70n22, 250n33 Adler, Mortimer, 188 admission rates, 21 Advanced International Certificate of Education (AICE), 134, 234, 246n2 Advanced Placement (AP): academic standards and, 155-68; as agent of reform, 220-21; benefits of, 1-6, 144-45, 233-52; biology and, 12, 14, 73, 81, 88, 182, 189, 191, 238, 253; calculus and, 57 (see also calculus); Capstone courses and, 35, 46-47, 97, 124, 172, 177, 203n5, 230; chemistry and, 12, 14, 92, 183, 191, 220, 238, 253; College Board and, 2 (see also College Board); comparing options and, 148-50; competition and, 131-50, 232-33; course audit and, 41, 161-63, 174; criticism of, 209, 212-16; culture wars and, 188-203; early days of, 1-2, 4, 9-19; elite dropouts and, 170-85; English Language and, 35, 75, 81, 88, 91n22, 109, 117, 119, 196, 244, 253; English Literature and, 34-35, 73, 81, 116, 183, 191, 195, 202, 226, 253; Environmental Science and, 73, 75, 81, 217, 253; European History and, 14, 253; evidence/outcomes of, 234-39, 244-45, 247n4, 248n13, 251n45; exams and, 1-2 (see also exams); expanding at scale and, 78-83; expansion schools and, 81-83, 91n22, 92n23; framework development and, 160-61; General Education in School and College report and, 11-12, 189; gifted students and, 4, 21, 23, 37, 45, 94, 103, 112, 214, 220; as gold standard, 209-16; growth of, 15-19, 32-47; honors courses and, 18, 22, 24, 98, 100, 112, 141–42, 158; increased number of courses in, 29, 33-36; influence of, 1-4; Keller

264 INDEX

bachelor's degree, 18, 97, 138, 147, 178 Advanced Placement (AP) (continued) and, 13-15; list of courses in, 253-54; Barzun, Jacques, 188 BASIS, 116, 123-24 Macroeconomics and, 29, 88, 169n9, 253; as manufacturer of choice, 218-19; Mary-Baylor University, 224 land and, 102-13; Microeconomics and, Bayside High School, 72 29, 75-77, 253; mission of, 2-3, 94, Bennett, William J., 26 bias, 180, 184, 195, 235, 239-40, 243-44, 227-28; national program for, 14-16; New AP and, 84, 97, 163, 192-95, 198, 249n19 200, 211; New York City and, 72-90; Ohio Bill and Melinda Gates Foundation, 58, 73, and, 95-101; poor kids and, 21-30; as pri-118, 138 vate operation, 1-2; Psychology and, 29, biology, 12, 14, 73, 81, 88, 182, 189, 191, 238, 253 35, 75, 109, 159, 167, 217, 253; qualifying black students: academic standards and, scores and, 4 (see also qualifying scores); 167-68; charter schools and, 127n11; quality and, 1, 232-33 (see also quality); competition and, 145; computers and, return on investment in, 145-48; rigor of, 46; Maryland and, 102, 107, 109-10, 3 (see also rigor); selection effects and, 244; New York City and, 72, 74, 87, 89; 145, 234, 237-39; skipping courses and, Ohio and, 100; participation rates and, 2, 10, 16, 21, 131, 175–76, 182, 224–25, 238; 4, 35, 40, 240; poor kids and, 29, 227; Spanish Language and, 36, 48n8, 92n33; qualifying scores and, 43-45, 258-59; state of in 2018, 46-47; Statistics and, 36, racism and, 17; resource diversion and, 73, 81, 119, 253; Texas and, 53-69; trans-229; STEM subjects and, 35; Texas and, parency and, 228-31; uncertain results 55-57, 62, 68 and, 225-27; US Government and Politics Bloomberg, Michael, 73, 83-84, 89 and, 191, 198-200, 226; US History and, bonuses, 61, 91n18, 121, 123, 158 Bowdoin, 12 13-14, 35, 41, 75, 81, 98, 109, 174, 177, 189, 190-203; vulnerabilities of, 202-3; Bowles, Frank H., 12-13 Bradley, Carolyn, 210 World History and, 34, 109, 116, 122, 198, 200-202, 205n26, 253 Brigham Young University, 120 Advanced Placement Strategies, 57 Brooklyn Technical High School, 72 affirmative action, 141, 229 Brooks, Caitlin, 146 Africa, 196, 201, 216 Brown University, 12, 179 After School Learning Academy, 76 bubble tests, 126 American Enterprise Institute, 210 Bush, George H. W., 26, 156 American Studies, 98 Bush, George W., 58, 61, 156 Amherst, 179, 193-94 Business Insider (magazine), 174 Andover, 11, 170, 174, 229 Byrd, Sheila, 210 AP Camp, 76 APEX Learning, 41 calculus, 219; academic standards and, 167; AP for All initiative, 73, 82-90, 116-17, 119, charter schools and, 119; culture wars 166, 212 and, 189; dual credit and, 244; elite drop-AP Scholars, 120 outs and, 176-77, 180; Escalante and, AP Strategies, 60-62 24-29, 36, 155; exams and, 253; growth AP year, 16 industry and, 34-35; New York City and, Arbolino, Jack, 16 73, 81, 87-88; Ohio and, 98; qualifying Asian students: academic standards and, 167; scores and, 253; Texas and, 57 competition and, 145; culture wars and, California, 215; culture wars and, 200; dual 201; Maryland and, 102-3, 107; New York credit and, 136, 235; enrollment and, 260; City and, 78, 89; Ohio and, 95, 99; pargrowth industry and, 40; International ticipation rates and, 40; poor kids and, Baccalaureate (IB) and, 133; participation 29; qualifying scores and, 43-45, 258-59; rates and, 53, 72, 255-56, 260; qualifying resource diversion and, 229; STEM subscores and, 256-57 jects and, 35; Texas and, 55 CalTech, 183 associate's degree, 104, 131-32, 138-39, 147 Cambridge Assessment International Education, 46, 124, 134, 139 Atlantic, The (magazine), 195, 209

Caperton, Gaston, 192 Capstone courses, 35, 46-47, 97, 124, 172, 177, 203n5, 230 career and technical education (CTE), 216-17 Carleton, 12 Center for New York City Affairs, 85 certificates, 131, 134, 138 Challenge Index, 27, 36, 116 Chalmers, Gordon, 12, 189 charter schools: Achievement First and, 116; advancement of, 115-26; BASIS and, 116, 123-24; black students and, 127n11; bubble tests and, 126; calculus and, 119; College Board and, 116-17, 120, 125; competition and, 135; degrees and, 115, 117, 119, 125; dual credit and, 119; early college high school (ECHS) and, 138-39, 147, 152n31, 241-42; enrollment and, 120, 124; graduation and, 117; Great Hearts Academies and, 125; growing acceptance of Advanced Placement and, 4; growth and, 47n3; Hispanic students and, 118-19, 127n11; IDEA Public Schools and, 116, 118-24, 127n12; International Baccalaureate (IB) and, 119, 124–26, 127n12; KIPP and, 116-17; matriculation and, 119; Moskowitz and, 84, 116; National Math and Science Initiative (NMSI) and, 117; New York City and, 84, 91n10, 91n15, 116; parents and, 124-25; participation rates and, 116, 120–21; pass rates and, 116, 120, 124; philanthropy and, 118, 123; poor kids and, 115, 117, 119, 122-24, 127n11; principals and, 119, 122-23; private schools and, 116, 123, 125; qualifying scores and, 120-22; quality and, 117, 120; rankings and, 115-16; reform and, 123; rigor and, 119-20, 124-26; STEM subjects and, 121; Success Academy and, 84, 116-17; Summit and, 116; teachers and, 116-17, 120-26; Texas and, 53, 118-19, 125; Uncommon Schools and, 116-17; Uplift and, 116, 124; vouchers and, 5, 84, 220; YES Prep and, 116 cheating, 26 Chelsea High School, 80 chemistry, 12, 14, 92, 183, 191, 220, 238, 253 Chicago Public Schools (CPS), 133-34 Choate, 170-72, 175 City University of New York, 86 civil rights, 17, 38, 136, 150n6, 193, 239 class rank, 22, 101, 141, 153n35, 177, 235 Clinton, Bill, 156 coaching, 25, 76, 114n22, 153n50 Cohen, Ken, 59-60, 67

Cold War, 10, 189, 193 Coleman, David, 195-200, 203 College Board: academic standards and, 158-68, 169n13; ACT and, 100, 185; additional data from, 254-61; AP readiness and, 100; AP Scholars and, 120; Arbolino and, 16; assessment of, 12, 209, 212-13, 217-19, 224-30; Bowles and, 12-13; charter schools and, 116-17, 120, 125; Coleman and, 195-200, 203; competition and, 134-36, 145-46, 151n16; counselors and, 39; culture wars and, 191, 194–96, 198, 201-2, 203n5; deficit of, 17; dual credit and, 233-39, 243-44; elite dropouts and, 173-85, 186n18; equity and, 219; growth and, 32-33, 38-47, 48n4, 48n7; increasing subject catalog and, 29; Keller and, 13-15; lobbyists and, 39, 185, 224, 228; Maryland and, 23; New York City and, 73, 79, 84; New York State and, 228; non-College Board research and, 233, 248n12; nonpartisanship and, 2; Ohio and, 97, 100, 113n9; Packer and, 162–63, 165–66, 168, 172-73, 176-78, 180, 192, 196-97, 201, 203, 217, 230, 237; promotional film of, 30; qualifying scores and, 4; rigor and, 3, 42, 159–60, 165, 167, 183, 212, 236, 238, 247n4; SAT and, 12, 17, 22, 39, 100, 113n9, 145, 185, 246n3; scoring standards of, 183-85; Texas and, 54, 55, 69n3 College Credit Plus, 101 College Level Examination Program (CLEP), 125, 134-35, 184 College Now, 86 college readiness programs, 60, 67, 80, 142-44, 217 Colorado, 42, 60, 255-56, 260 Columbia University, 181, 183 Columbus State, 99 Common Application, 182 Common Core, 1, 156, 159, 192, 196, 202, 220, 229 community colleges, 119, 184; competition and, 131, 138, 140, 142-43, 147; dual credit and, 227, 242, 244; Ohio and, 96, 99, 101 competition: Asian students and, 145; black students and, 145; charter schools and, 135; College Board and, 134–36, 145–46, 151n16; comparing options and, 148–50; counselors and, 149; degrees and, 131-32, 135-39, 145-49, 152n24; diplomas and, 132-34, 138-39, 146-47; dual credit and, 132-50, 151n15, 151n21, 152n25, 152n31, 153n43; enrollment and,

266 INDEX

competition (continued) 132, 136-40, 143-49, 151n17; GPAs and, 141-42, 144; graduation and, 139, 144; Hispanic students and, 145; International Baccalaureate (IB) and, 131-34, 136-49, 150n6; Maryland and, 136; matriculation and, 138, 140, 142, 147; Ohio and, 132, 136-37, 146, 152n31; parents and, 137, 140-41, 144-49; philanthropy and, 135, 139, 144; poor kids and, 139-40, 145, 149; postsecondary options and, 131-32, 140, 147; principals and, 131-32, 148-49; quality and, 141-43, 147, 149, 222-23, 232-33; racial issues and, 141; revenue and, 140, 143, 146; rigor and, 132-34, 142-44, 148, 152n23; SAT and, 145; STEM subjects and, 139; teachers and, 137-40, 145-49, 152n24; Texas and, 132-33, 136-38, 141-43, 146, 151n17; white students and, 145 compulsory attendance laws, 9 computer science, 2, 25, 29, 34, 46, 50n35, 217-19, 230, 253-54 Conant, James B., 15 conservativism, 15, 156, 195, 197, 236 Cooke, Jack Kent, 210 Corbit, William, 120 cottage style, 15 counselors: assessment and, 213, 230; class choice and, 94; College Board and, 39; competition and, 149; Equal Opportunity Schools (EOS) and, 111, 114n22; Maryland and, 108, 111; Mathews and, 37; New York City and, 73-74, 77, 79, 85-86, 89; Ohio and, 98-100; poor kids and, 22; popularity of AP with, 4; Texas and, 60 country day schools, 18 course audit, 41, 161-63, 174 credit: degrees and, 2-3, 16, 21, 38, 68, 104, 119, 125, 132, 135-38, 145-49, 152n24, 171-72, 176, 178-79, 182, 187n27, 194, 224-25, 235-44, 248n12, 248n13, 248n15, 249n18; dual, 22 (see also dual credit); early college high school (ECHS) and, 138-39, 147, 152n31, 241-42; grade inflation and, 3, 42, 137, 144, 177, 180, 210; International Baccalaureate (IB) and, 137-49; key criteria for, 132-33; other pathways for, 133-35; recovery of, 3, 144 culture wars: Asian students and, 201; calculus and, 189; Coleman and, 195-200, 203; College Board and, 191, 194-96, 198, 201-2, 203n5; Common Core and, 192, 196, 202; degrees and, 194-95; diplomas and, 191; Florida and, 200; Harvard

and, 199; Hispanic students and, 193; liberal learning and, 3, 124–25, 188–92, 195–96, 203, 209, 216–18, 229; Ohio and, 189, 193–94; Packer and, 192, 196–97, 201, 203; parents and, 203; quality and, 202; racial issues and, 195; Republican National Committee and, 195; SAT and, 189; teachers and, 189–92, 197–203; Texas State Board of Education and, 195; US Government and Politics and, 191, 198–200; US History and, 189–203; World History and, 198, 200–202

Dansby, Walter, 62–63 Dartmouth, 178-79, 182 de Blasio, Bill, 73, 83-84, 89, 212 Declaration of Independence, 197 degrees: academic standards and, 2-3, 11; assessment of, 216-17, 224-25; associate's, 104, 131-32, 138-39, 147; bachelor's, 18, 97, 138, 147, 178; charter schools and, 115, 117, 119, 125; competition and, 131-32, 135-39, 145-49, 152n24; credit and, 2-3, 16, 21, 38, 68, 104, 119, 125, 132, 135–38, 145-49, 152n24, 171-72, 176, 178-79, 182, 187n27, 194, 224-25, 235-44, 248n12, 248n13, 248n15, 249n18; culture wars and, 194-95; elite dropouts and, 171-72, 176, 178-82, 187n20, 187n27; growth and, 38; Maryland and, 102, 104; master's, 137, 148, 152n24, 184, 187n20; matriculation credits and, 2; Ohio and, 96-98; poor kids and, 21, 23, 30; shortening time to, 171; Texas and, 68 Department of Energy, 56 DeWine, Mike, 216 diplomas: academic standards and, 158, 161, 167, 169n7; assessment of, 219; competition and, 132-34, 138-39, 146-47; culture wars and, 191; dual credit and, 244; early college and, 11; Ohio and, 96, 99 discipline, 73, 219 diversity, 56-57, 145, 211, 226 Douglas, Edwin C., 15 dropout recovery schools, 1 dual credit: academic standards and, 159; assessment of, 213, 219-24, 227, 231 ben-

efits of, 144-45; calculus and, 244; Cali-

fornia and, 136, 200, 235; capacity gaps

and, 148; charter schools and, 119; Col-

Now and, 86; comparing options and,

lege Board and, 233-39, 243-44; College

148-50; competition and, 132-50, 151n15,

151n21, 152n25, 152n31, 153n43; complexity of, 132; degrees and, 235-44, 248n12, 248n13, 248n15, 249n18; diplomas and, 244; early college high school (ECHS) and, 138-39, 147, 152n31, 241-42; elite dropouts and, 182-85; enrollment and, 233-43, 251n46; evidence/outcomes of, 239-45; Florida and, 137, 146, 240, 242; GPAs and, 233–37, 240, 244, 246n2, 248n12, 248n15, 249n18; graduation and, 233-40, 244, 246n3, 248n15, 249n26, 251n45; growth industry and, 38; International Baccalaureate (IB) and, 137-49, 234-35, 243-44, 246n1, 246n2, 248n15; Maryland and, 104, 112; matriculation and, 236, 240, 246n1; motivation for, 139-41; New York City and, 86, 240; New York State and, 240, 255-56; Ohio and, 96-101, 136, 242, 245; parents and, 236-37, 244; physics and, 244; poor kids and, 22, 235; qualifying scores and, 144, 233-38; quality and, 240, 245; required offering of, 137; return on investment in, 145-48; revenue and, 242; rigor and, 236, 238, 241, 245, 246n2; SAT and, 235, 237, 246n3; STEM subjects and, 233-34, 238; surge in, 135-38; teachers and, 237, 241, 244; Texas and, 53, 68-69, 71n32, 132, 136, 141-43, 146, 234, 236, 238, 240-45, 255-56; weighing benefits of, 233-35, 238–45; white students and, 240 dual enrollment, 132, 137, 143, 260-61 Dublin City Schools, 95-102, 112 Dudley, David, 15 Duke, 18, 180-81

early college high school (ECHS), 138-39, 147, 152n31, 241-42, 245 Educational Testing Service (ETS), 12-14, 25-26, 159, 161, 165-66, 183, 189, 228 EdX, 41 Electronic Data Systems, 56 elite dropouts: calculus and, 176-77, 180; Choate and, 170-72, 175; College Board and, 173-85, 186n18; degrees and, 171-72, 176, 178-82, 187n20, 187n27; dual credit and, 182-85; enrollment and, 184; GPAs and, 177; Harvard and, 170, 179–80, 185, 187n20; International Baccalaureate (IB) and, 171, 176–82, 184; Maryland and, 171; matriculation and, 171, 179, 182, 184; New York City and, 172-73; Ohio and, 171; parents and, 172-77, 180, 184; physics and, 183; prep schools and, 170–78, 181, 185;

private schools and, 170-73, 176-78, 181; qualifying scores and, 171, 180; quality and, 173, 175, 185; rankings and, 177, 180; reform and, 170; revenue and, 176, 180, 184-85; rigor and, 171, 175-79, 183, 185; SAT and, 175, 185; shallow curriculum and, 172-73; STEM subjects and, 175; teachers and, 171-77, 180, 183; universities and, 178-82 English Language, 35, 75, 81, 88, 91n22, 109, 117, 119, 196, 244, 253 English Literature, 34-35, 73, 81, 116, 183, 191, 195, 202, 226, 253 enrollment: assessment of, 218; charter schools and, 120, 124; competition and, 132, 136-40, 143-49, 151n17; concurrent, 132, 137, 143; cross-state comparison of, 260-61; elite dropouts and, 184; dual, 3, 108, 132, 136-37, 146, 151n18, 184, 237, 242-43, 251n46, 260-61; dual credit and, 233–43; evidence/outcomes of, 250n32; growth and, 34-37, 48n12; International Baccalaureate (IB) and, 260-61; Maryland and, 102, 105, 108, 111, 260; National Math and Science Initiative (NMSI) and, 60; New York City and, 74-75, 86, 88; New York State and, 116, 212, 240, 261; Ohio and, 261; poor kids and, 25; revenue and, 4, 140, 143, 184; Texas and, 53-55, 60, 64, 68, 69, 132-33, 136, 138, 143, 146, 15ln17, 240, 242, 244, 261 environmental science, 73, 75, 81, 217, 253 Equal Opportunity Schools (EOS): assessment of, 213; counselors and, 111, 114n22; Maryland and, 38, 104-12, 114n22; New York City and, 73, 80, 84-85, 92n35; Northwest High School and, 108-9; Saaris and, 26, 106-7, 112; Springbrook High School and, 109-10; teachers and, 80, 105-6, 109-11, 114n22 equity, 94-95; academic standards and, 168; achievement and, 17; advancement of, 4; assessment of, 210, 219; growth industry and, 32, 38, 43; Maryland and, 106-7, 111; New York City and, 72-73, 84; policy makers and, 5; poor kids and, 23-24; pursuit of, 38; Texas and, 57 "Equity and Excellence" (de Blasio), 84 Erasmus Hall High School, 85, 87 Escalante, Jaime, 24-29, 36, 155 Escalante: The Best Teacher in America (Mathews), 24 ethnicity, 40, 44, 48n7, 54, 55, 193-95, 211, 216, 258

268 INDEX

European History, 14, 253 Evanston Township High School, 14, 229 Every Student Succeeds Act (ESSA), 38, 156 exams: academic standards and, 165-68; ACT, 60, 62, 70n22, 100, 102, 185, 210, 227, 250n33; annual number of, 1, 21, 32, 34; calculus and, 253; Common Application and, 182; fees for, 17, 25, 29, 38, 41, 49n19, 59, 81, 94, 146, 173, 182, 185, 223, 228; growth in, 15; late testing and, 186n18; Maryland and, 255-57; New York and, 72, 76, 82, 85, 88–89, 107, 116, 173, 212, 247n4, 255; Ohio and, 255-57; PARCC exams, 210; pass rates and, 34-36, 42-45, 50n30, 55, 62-67, 82, 89, 102, 107, 111, 116, 120, 124, 167, 216, 227, 256–57, 259; physics and, 253–54; pioneer schools and, 12-14; PISA, 157, 159, 210; prep schools and, 125; qualifying scores and, 4 (see also qualifying scores); as quality control, 108, 167, 173; rigor and, 1, 4, 18, 42, 75, 89, 107, 119-20, 126, 152n23, 159, 165, 167, 176, 183, 212, 236; SAT, 12 (see also SAT); scoring of, 166–68, 183–85; teachers and, 1, 5, 37, 42, 46, 59-64, 76, 82, 86, 88-89, 108, 116, 120, 126, 160-61, 164, 169n7, 172-77, 189, 198, 210-14, 228, 230; Texas and, 29, 53-55, 60, 69n3, 76, 136, 15ln17, 234, 238, 255-57, 259; TIMSS and, 157, 159, 244 Exeter, 11, 125, 170, 174-76, 181 ExxonMobil, 57-60

feeder schools, 18, 64, 112, 123, 140, 213 Fieldston School, 173, 175 Finn, Chester E., Jr., 2, 16, 85, 172, 179, 183, 204n18 Fleisher, Gregg, 57–61

Fleisner, Gregg, 57–61
Florida, 212; academic standards and, 162; CLEP and, 135; culture wars and, 200; dual credit and, 137, 146, 240, 242; enrollment and, 260; exam fees and, 29; growth industry and, 40–41; IDEA and, 118; International Baccalaureate (IB) and, 133; Orange County, 135; participation rates and, 255–56; qualifying scores and, 256

Florida Virtual School, 41 Ford Foundation, 10–11, 132, 189 Forgione, Pascal, 61–62 Fort Worth, 72, 78, 89, 94; academic standards and, 164; diversity and, 57; IDEA and, 118, 124; National Math and Science Initiative (NMSI) and, 38, 57, 62–69, 7ln25, 7ln27, 7ln28, 80, 82, 164; poor kids and, 28; qualifying scores and, 82; R. L. Paschal High School and, 18, 63, 66–68; Scribner and, 68–69; teacher turnover and, 64; Uplift and, 124 Friedman, Thomas, 2 Fund for the Advancement of Education,

Gama, JoAnn, 118, 127n12 Garfield High School, 24-29, 155 gender, 193, 195, 216 General Education in a Free Society (Harvard), 188 General Education in School and College: A Committee Report by Members of the Faculties of Andover, Exeter, Lawrenceville, Harvard, Princeton, and Yale, 11-12, 189 Georgetown University, 146, 193, 242 GI Bill, 10 gifted students, 4; honors courses and, 18, 22, 24, 98, 100, 112, 141-42, 158, 220; Maryland and, 103, 112; National Association for Gifted Children and, 45; poor kids and, 21, 23; programs for, 94, 103, 214, 220; rising expectations and, 37; skipping courses and, 2, 10, 16, 21, 131,

175–76, 182, 224–25, 238
Goals 2000: Educate America Act, 156
GPAs (grade point averages): competition
and, 141–42, 144; dual credit and, 233–37,
240, 244, 246n2, 248n12, 248n15, 249n18;
elite dropouts and, 177; growth and, 39,
42; New York City and, 75, 79; Ohio and,
100–101; poor kids and, 22; Texas and,
39, 60, 141–42, 234, 236, 244; transcript
enhancement and, 158, 226

grade inflation, 3, 42, 137, 144, 177, 180, 210 Gradillas, Henry, 25–29, 155

graduation, 219; academic standards and, 3, 157–58; changing requirements for, 4; charter schools and, 117; competition and, 139, 144; dual credit and, 233–40, 244, 246n3, 248n15, 249n26, 251n45; growth and, 46; Maryland and, 111–12; matriculation and, 3 (*see also* matriculation); New York City and, 86–87; Ohio and, 96; poor kids and, 36

Great Depression, 193
Great Hearts Academies, 125
Grinnell College, 216
growth industry: available AP courses and, 33–36; calculus and, 34–35; California and, 40; charter schools and, 47n3;

college admissions and, 39; College Board and, 32-33, 38-47, 48n4, 48n7; degrees and, 38; drivers of, 36-39; dual credit and, 38; enrollment and, 34-37, 48n12; equity and, 32, 38, 43; exams and, 32-36; GPAs and, 39, 42; graduation and, 46; inequalities and, 39-46; International Baccalaureate (IB) and, 36, 46, 48n9, 48n11; intrastate differences and, 41; Maryland and, 38, 40, 47; matriculation and, 46; New York City and, 38, 47, 72-90; pass rates and, 34-36, 42-45, 50n30; philanthropy and, 47; physics and, 34; poor kids and, 37-38, 41, 45; private schools and, 33-34, 47n3; quality and, 38, 41; racial issues and, 42-43, 44, 48n7; rankings and, 36-37, 48n12; reform and, 46-47; revenue and, 39; rising expectations and, 37-38; schools and, 32-33; STEM subjects and, 46

Hamilton, Alexander, 9 Hamilton, John, 63 Hanson, Victor Davis, 195 Harkness table, 125 Harvard, 225; admission rate and, 21; Conant and, 15; culture wars and, 199; EdX and, 41; elite dropouts and, 170, 179-80, 185, 187n20; General Education in a Free Society and, 188; General Education in School and College report and, 11; International Baccalaureate (IB) and, 179; pioneer schools and, 14; qualifying scores and, 185; red book of, 188; sophomore standing by, 16; Wilcox and, 16 Harvard Crimson, The, 16 Haverford, 12 Higher Learning Commission, 148 Hispanic students: academic standards and, 155, 167-68; charter schools and, 118-19, 127n11; competition and, 145; computers and, 46; culture wars and, 193; IDEA Public Schools and, 118; Maryland and, 107, 109-10, 244; New York City and, 72, 74, 87, 89; participation rates and, 4, 40, 43-45, 240; poor kids and, 24-26, 29, 155, 227; qualifying scores and, 43-45, 258-59; resource diversion and, 229; Spanish language and, 35-36; STEM subjects and, 35; Texas and, 54-57, 62, 68 History News Network, 196-97 Hochman, William, 17

honors courses, 18, 22, 24, 98, 100, 112,

141-42, 158, 220

253 human resources, 11, 105, 221 Hutchins, Robert Maynard, 188 IBM, 138 IDEA Public Schools, 116, 118–24, 127n12 Illinois, 133, 255–57, 260 Improving America's Schools Act, 156 Indiana, 29, 60, 136, 148, 244, 255–56, 260 inequality, 23, 39–46, 72 inner-city schools, 24, 100, 109, 124

Human Geography, 34, 36, 92n33, 159, 167,

human capital, 4, 41, 56

inner-city schools, 24, 100, 109, 124 International Baccalaureate (IB): academic standards and, 159; assessment of, 210-11, 223, 225; charter schools and, 119, 124-26, 127n12; competition and, 131, 131-49, 150n6; cost of, 94-95; cross-state comparison of, 260-61; Diploma Program of, 133-34, 146; dual credit and, 137-49, 234-35, 243-44, 246n1, 246n2, 248n15; elite dropouts and, 171, 176-82, 184; enrollment and, 260-61; Florida and, 133; growth and, 36, 46, 48n9, 48n11; Harvard and, 179; Maryland and, 104-12, 113n1, 113n6; Ohio and, 96, 98-101; poor kids and, 22, 27; return on investment in, 145-48; scoring standards and, 184; systemwide, 94 Iowa, 42, 136, 240, 255-57, 260

Jack Kent Cooke Foundation, 45

Jackson, C. Kirabo, 60
Jefferson, Thomas, 197

Kass, Leon, 195 Keller, Charles, 13–15 Kennedy, Edward, 81 Kentucky, 29, 255–56, 260 Kenyon College, 12, 15, 189, 216 King's College, 9 KIPP, 116–17 Klein, Joel, 73 Koehler, William, 63 Kolluri, Suneal, 215

Lacy, Tim, 9–10, 17, 23, 188 late testing, 186n18 Lawrenceville, 11, 170 Lead Higher initiative, 104 liberalism, 42, 97, 104, 111, 156, 203, 209 liberal learning, 3, 124–25, 188–92, 195–96, 203, 209, 216–18, 229 literacy, 81, 87, 232n19

270 INDEX

lobbyists, 39, 185, 224, 228 Louisiana, 67, 118, 135, 255–56, 260 Luce, Tom, 58, 62

Macroeconomics, 29, 88, 169n9, 253

Malkus, Nat, 210 Mansfield, Harvey, 195 Marland, Sidney P., Jr., 23 Maryland: Asian students and, 102-3, 107; black students and, 102, 107, 109-10, 244; career and technical education (CTE) and, 216; competition and, 136; counselors and, 108, 111; degrees and, 102, 104; dual credit and, 104, 112; elite dropouts and, 171; enrollment and, 102, 105, 108, 111, 260; Equal Opportunity Schools (EOS) and, 38, 104-12, 114n22; equity and, 106-7, 111; exams and, 255-57; funding and, 102; gifted students and, 103, 112; graduation and, 111-12; growth and, 38, 40, 47; Hispanic students and, 107, 109-10, 244; International Baccalaureate (IB) and, 104-12, 113n1, 113n6; Lead Higher initiative and, 104; Montgomery County Public Schools and, 102-13; National Math and Science Initiative (NMSI) and, 106; Northwest High School and, 108-9; parents and, 103, 111; participation rates and, 107; pass rates and, 102, 107, 111; poverty in, 102-3; principals and, 108, 110-11; qualifying scores and, 102, 106-8, 110; racial issues and, 103; rankings and, 102, 111; reform and, 105, 111–12; Springbrook High School and, 109-10; STEM subjects and, 106, 109; teachers and, 105-11; white

Massachusetts Math and Science Initiative,

Mass Insight Education and Research (MassInsight), 38, 164

master's degree, 137, 148, 152n24, 184, 187n20

students and, 102-3, 107

Mastery Transcript Consortium, 176–77 Mathews, Jay, 24, 27–28, 3ln20, 36–37, 45, 48n10, 116, 209–10

matriculation, 224; academic standards and, 3; charter schools and, 119; college-level high school courses and, 11; competition and, 138, 140, 142, 147; degree credits and, 2; dual credit and, 236, 240, 246n1; elite dropouts and, 171, 179, 182, 184; growth and, 46; New York City and, 89; Ohio and, 6, 101; poor kids and, 23; Texas and, 60 mentors, 42, 76, 81, 122, 164

Michael and Susan Dell Foundation, 58, 61 Microeconomics, 29, 75–77, 253 Middlebury, 12 Minnesota, 29, 113n1, 131, 200, 255–57, 260 Mississippi, 42, 255–57, 260 MIT, 12, 26, 41, 180–81, 185 mobility, 2, 4, 45, 64, 74, 115, 142, 144, 216, 221, 229

Montgomery County Public Schools, 102–13 Moskowitz, Eva, 84, 116 multiculturalism, 160 Music Theory, 41, 254

National Academy of Sciences, 58 National Alliance of Concurrent Enrollment Partnerships, 143

National Assessment of Educational Progress, 37, 157, 159, 210, 227, 231

National Association for Gifted Children, 45

National Center for Education Statistics
(NCES), 47n2, 47n3, 135–37, 145, 151n15, 186n14, 243

National Commission on Excellence in Education, 22

National Constitution Center, 200 National Council on Education Standards and Testing, 156

National Defense Education Act, 10 National Math and Science Initiative (NMSI): academic standards and, 164; charter schools and, 117; Cohen and, 59-60, 67; College Readiness Program and, 60, 67, 80; Colorado and, 60; Dansby and, 62-63; enrollment and, 60; equity and, 38; ExxonMobil and, 59; feeder schools and, 213; Fleisher and, 59; IDEA and, 121-22; Indiana and, 60; intervention model of, 60; Maryland and, 106; mission of, 60; New York City and, 60, 69, 73, 79-90, 91n18, 91n19, 92n35, 164; Orlov and, 80-81, 85-86, 88, 90; poor kids and, 59; preconditions of, 58-59; STEM subjects and, 59-61, 64, 79, 106, 121; super Saturday study sessions and, 59, 88; Texas and, 38, 57-69, 70n10, 71n25, 71n27, 71n28, 80–82, 118, 164; three-year commitment of, 58-59

National Merit Scholarships, 96, 209 National Science Foundation, 50n35, 238 Nation at Risk, A (National Commission on Excellence in Education), 22, 27, 37 New AP, 84, 97, 163, 192–95, 198, 200, 211 Newsweek, 27, 36

New York City: academic standards and, 164; AP Expansion schools and, 81-83, 91n22, 92n23; AP for All initiative and, 73, 82-90, 116-17, 119, 166, 212; Asian students and, 78, 89; black students and, 72, 74, 87, 89; Bloomberg and, 73, 83-84, 89; bureaucratic system of, 85-86; calculus and, 73, 81, 87-88; Center for New York City Affairs and, 85; charter schools and, 84, 91n10, 91n15, 116; College Board and, 73, 79, 84; College Now and, 86; counselors and, 73-74, 77, 79, 85-86, 89; de Blasio and, 73, 83-84, 89, 212; dual credit and, 86, 240; elite dropouts and, 172-73; enrollment and, 74-75, 86, 88; Equal Opportunity Schools (EOS) and, 73, 80, 84–85, 92n35; equity and, 72–73, 84; expanding AP at scale and, 78–83; Fieldston School and, 173, 175; GPAs and, 75, 79; graduation and, 86-87; growth and, 38, 47, 72–90; Hispanic students and, 72, 74, 87, 89; matriculation and, 89; National Math and Science Initiative (NMSI) and, 60, 69, 73, 79–90, 91n18, 91n19, 92n35, 164; Orlov and, 80-81, 85-86, 90; parents and, 74-75, 79-80, 88; participation rates and, 72, 76–77, 82, 85; partner overload and, 87; pass rates and, 82, 89; philanthropy and, 73, 79-80; physics and, 78; poor kids and, 28, 73-74, 77, 85, 89; principals and, 72-74, 77, 79-80, 83-89; qualifying scores and, 75-76, 82-89, 91n18, 92n24; quality and, 73; reform and, 72, 80, 83-84, 87, 89, 90n4; rigor and, 75, 79, 86, 89; STEM subjects and, 73, 77, 79, 85, 90n4; Success Academy and, 84, 116-17; teachers and, 74-89, 91n18; Urban Assembly School for Law and Justice and, 73-78, 87-89, 213, 219; white students and, 89 New York City Department of Education, 72-74, 78, 80, 83-90, 92n24

New York State: Brooklyn, 72; College Board and, 228; Cuomo and, 84; dual credit and, 240, 255–56; elite dropouts and, 173; enrollment and, 74–75, 116, 212, 240, 261; exams and, 72, 76, 82, 85, 88–89, 107, 116, 173, 212, 247n4, 255; Hamilton and, 9; participation rates of, 72; Queens, 72; Uncommon Schools and, 116

New York Times, 2, 209 New York Times Magazine, 212 No Child Left Behind, 1, 103, 156, 159 "no excuses" formula, 117 nonprofit organizations, 2, 23, 57–59, 73–74, 155, 228

Northwest High School, 108-9

Obama, Barack, 156, 193 Oberlin, 12, 180 O'Donnell, Peter, 56–61 Office of Civil Rights (OCR), 38, 136, 150n6, 239

Ohio, 47; AP readiness and, 100; Asian students and, 95, 99; black students and, 100; calculus and, 98; Capstone courses and, 97; career and technical education (CTE) and, 216; College Board and, 97, 100, 113n9; College Credit Plus and, 101; "college for all" fixation and, 96-97; Columbus State and, 99; competition and, 132, 136-37, 146, 152n31; counselors and, 98-99; culture wars and, 189, 193-94; degrees and, 96-98; DeWine and, 216; diplomas and, 96, 99; dual credit and, 96-101, 136, 242, 245; Dublin City Schools and, 95-102, 112; elite dropouts and, 171; enrollment and, 261; exams and, 255-57; gatekeeping in, 97-98; GPAs and, 100–101; graduation and, 96; International Baccalaureate (IB) and, 96, 98-101; Kenyon College and, 12, 15, 189, 216; matriculation and, 6, 101; parents and, 95-101, 113n9; participation rates and, 95, 98; poor kids and, 100-101, 103; principals and, 99; qualifying scores and, 100; rankings and, 100-101; teachers and, 95-99; white students and, 95 Ohio State University (OSU), 193-94

OnRamps, 142 Orlov, Morton, II, 80–81, 85–86, 88, 90

Packer, Trevor: academic standards and, 162–63, 165–66, 168, 172–73, 176–78, 180; AP validity studies and, 237; College Board and, 162–63, 165–66, 168, 172–73, 176–78, 180, 192, 196–97, 201, 203, 217, 230, 237; culture wars and, 192, 196–97, 201, 203; proactivity of, 230

Palfrey, John, 174 PARCC exams, 210 Paredes, Raymund, 143

parents: academic standards and, 95, 146–61, 164, 166–67; AP assessment and, 210–16, 220, 224; blowback from, 3, 95; charter schools and, 124–25; competition and, 137, 140–41, 144–49; culture wars and,

272 INDEX

```
parents (continued)
                                                     29, 227; charter schools and, 115, 117, 119,
   203; dual credit and, 236-37, 244; elite
                                                     122-24, 127n11; competition and, 139-40,
   dropouts and, 172-77, 180, 184; equity
                                                     145, 149; counselors and, 22; degrees and,
                                                     21, 23, 30; dropouts and, 24; dual credit
   and, 38; Maryland and, 103, 111; New
   York City and, 74-75, 79-80, 88; Ohio
                                                     and, 22, 235; enrollment and, 25; equity
   and, 95-101, 113n9; poor kids and, 22-29;
                                                     and, 23-24; Escalante and, 24-29, 36,
   popularity of AP with, 2-4, 14, 94; pri-
                                                     155; Fort Worth and, 28; Garfield High
   vate schools and, 172-77, 180, 184; rising
                                                     School and, 24-29, 155; gifted students
   expectations and, 37; Texas and, 68
                                                     and, 21, 23; GPAs and, 22; graduation
participation rates: Asian students and, 40;
                                                     and, 36; growth industry and, 37-38, 41,
   black students and, 4, 40; California and,
                                                     45; Hispanic students and, 24-26, 29,
   53, 72, 255-56, 260; charter schools and,
                                                     155, 227; IDEA Public Schools and, 116,
   116, 120-21; cross-state comparison of,
                                                     118-24, 127n12; inner-city schools and,
   255; demographics for, 40; Florida and,
                                                     24, 100, 109, 124; International Bacca-
   255-56; Hispanic students and, 4, 40,
                                                     laureate (IB) and, 22, 27; matriculation
   43-45, 240; Maryland and, 107; New
                                                     and, 23; mobility and, 2; National Math
   York City and, 72, 76-77, 82, 85; Ohio
                                                     and Science Initiative (NMSI) and, 59;
   and, 95, 98; private schools and, 116,
                                                     New York City and, 28, 73-74, 77, 85,
   176-77; Texas and, 53-54, 72, 82, 258;
                                                     89; Ohio and, 100-101, 103; parents and,
   white students and, 40
                                                     22–29; philanthropy and, 23, 27; poverty
Pasadena City College, 183
                                                     and, 18, 73, 80, 102-3, 119, 237; principals
pass rates: academic standards and, 167;
                                                     and, 25-29, 155; qualifying scores and,
   charter schools and, 116, 120, 124; declin-
                                                     27-28; reform and, 23, 27-28; rigor and,
   ing, 216, 227; exams and, 34-36, 42-45,
                                                     22; SAT and, 22; teachers and, 22-25,
   50n30, 55, 62-67, 82, 89, 102, 107, 111, 116,
                                                     28–29; Texas and, 53, 58–61, 64; Urban
   120, 124, 167, 216, 227, 256-57, 259; growth
                                                     Assembly School for Law and Justice and,
   industry and, 34-36, 42-45, 50n30; Mary-
                                                     73-78, 87-89, 89, 213
   land and, 102, 107, 111; New York City and,
                                                  postmodernism, 160, 191
   82, 89; statistics for, 256-57, 259; Texas
                                                  poverty, 18, 73, 80, 102-3, 119, 237
   and, 55, 62-67
                                                  prep schools: assessment of, 218, 224-25;
Pell Grants, 151n21
                                                     early days of AP and, 14-15; elite drop-
Perot, Ross, 56
                                                     outs and, 170-78, 181, 185; exams and, 125
philanthropy, 4; assessment of, 212, 223,
                                                  Princeton, 11, 14, 170, 182, 228
   229; Bill and Melinda Gates Foundation
                                                  principals: academic standards and, 162, 164,
   and, 58, 73, 118, 138; charter schools
                                                     166; charter schools and, 119, 122-23;
   and, 118, 123; competition and, 135, 139,
                                                     competition and, 131-32, 148-49; Gradil-
   144; growth industry and, 47; Michael
                                                     las, 25-29, 155; implementation of AP
   and Susan Dell Foundation and, 58, 61;
                                                     and, 3, 15, 45; Maryland and, 108, 110-11;
   New York City and, 73, 79-80; nonprofit
                                                     New York City and, 72–74, 77, 79–80,
   organizations and, 2, 23, 57-59, 73-74,
                                                     83-89; Ohio and, 99; poor kids and,
   155, 228; O'Donnell and, 56-61; poor
                                                     25-29, 155; Texas and, 63-64
   kids and, 23, 27; reform and, 3, 47; Sid W.
                                                  private schools, 94; assessment of, 224;
   Richardson Foundation and, 62; Texas
                                                     charter schools and, 116, 123, 125; col-
   and, 53, 56-62
                                                     leges and, 12, 137, 224; Common Applica-
Phillips Academy, 174
                                                     tion and, 182; elite dropouts and, 170-73,
physics, 14, 219; academic standards and,
                                                     176-78, 181; growth industry and, 33-34,
   167; dual credit and, 244; elite dropouts
                                                     47n3; high schools and, 12, 32, 69n3, 177;
   and, 183; exams and, 253-54; growth
                                                     implementation of AP and, 1-4; parents
  industry and, 34; New York City and, 78;
                                                     and, 172-77, 180, 184; participation rates
   poor kids and, 29
                                                     and, 116, 176-77; qualifying scores and,
pioneer schools, 12-14
                                                     177, 253, 255-56, 259; Texas and, 53,
poor kids: academic standards and, 159, 161;
                                                     69n2
   Asian students and, 29; assessment of,
                                                  Programme for International Student
   212-14, 221, 227, 231; black students and,
                                                     Assessment (PISA), 157, 159, 210
```

progressivism, 177, 188, 197 PSAT, 100 Psychology, 29, 35, 75, 109, 159, 167, 217, 253 P-TECH, 138–39 Putney School, 177

qualifying scores: academic standards and, 166-68, 183-85; AP subjects and, 253-54; Asian students and, 43-45, 258-59; assessment of, 210, 212, 214, 226-27; black students and, 43-45, 258-59; charter schools and, 120-22; Common Application and, 182; cross-state comparison of, 256–57; dual credit and, 144, 233-38; elite dropouts and, 171, 180; evidence/outcomes of, 248n15; grade inflation and, 3, 42, 137, 144, 177, 180, 210; grade level and, 34; Harvard and, 185; Hispanic students and, 43-45, 227, 258–59; Maryland and, 102, 106–8, 110; mean, 167; MIT and, 185; New York City and, 75–76, 82–89, 91n18, 92n24; number of students getting, 4, 42–45, 48n12, 50n30, 256–59; Ohio and, 100; poor kids and, 27-28; private schools and, 177, 253, 255–56, 259; by race/ethnicity, 258; rural vs. urban students and, 41; by subject, 253-54; Texas and, 55-68, 71n28, 82, 224, 259; white students and, 43-45 quality: assessment of, 210, 219, 222-23, 227; charter schools and, 117, 120; competition and, 141-43, 147, 149, 222-23; Condition of Education report and, 38; culture wars and, 202; dual credit and, 240, 245; education choices and, 3; elite dropouts and, 173, 175, 185; exams and, 1, 4, 108, 120, 167, 173; growth and, 38, 41; New York City and, 73; rigor and, 1, 3, 18, 120, 142, 160, 167-68, 175, 185, 245; suburbs and, 108; teacher mentoring programs and, 164; Texas and, 60

Race to the Top, 1

racial issues: academic standards and, 167;
affirmative action and, 141, 229; competition and, 141; culture wars and, 195; equity and, 211; ethnicity and, 40, 44, 48n7, 54, 55, 193–95, 211, 216; growth industry and, 42–43, 44, 48n7; institutional racism and, 17; Maryland and, 103; qualifying scores and, 258; Texas and, 54, 55, 61, 63, 68
RAND, 240
rankings: AP course offerings and, 28;

Challenge Index and, 27, 36, 116; charter schools and, 115–16; class, 22, 101, 141,

153n35, 177, 235; elite dropouts and, 177, 180; growth industry and, 36–37, 48n12; Maryland and, 102, 111; Mathews and, 24, 27–28, 31n20, 36–37, 45, 48n10, 116, 209–10; Ohio and, 100–101; Texas and, 141, 153n35; *U.S. News* and, 27–28, 36–37, 48n12, 91n14, 100, 102, 113n8, 115–16, 121, 180, 210, 224

ratings, 27, 36–37, 177 Ravitch, Diane, 209 Reagan, Ronald, 26, 197

reform, 4–5; academic standards and, 164; assessment of, 209, 213, 215, 220–21, 229; charter schools and, 123; Conant and, 15; effectiveness of, 3; elite dropouts and, 170; experiments in, 1; growth industry and, 46–47; Maryland and, 105, 111–12; New York City and, 72, 80, 83–84, 87, 89, 90n4; philanthropy and, 3, 47; poor kids and, 23, 27–28; Texas and, 58, 60, 62–64; upward mobility and, 2

Republican National Committee, 195 revenue, 3; academic standards and, 166; assessment of, 223–24, 228–29; competition and, 140, 143, 146; dual credit and, 242; elite dropouts and, 176, 180, 184–85; enrollment and, 4, 140, 143, 184; growth and, 39

rigor: assessment of, 211–12, 221, 226, 229–30; charter schools and, 119–20, 124–26; College Board and, 3, 42, 159–60, 165, 167, 183, 212, 236, 238, 247n4; competition and, 132–34, 142–44, 148, 152n23; dual credit and, 236, 238, 241, 245, 246n2; elite dropouts and, 171, 175–79, 183, 185; exams and, 1, 4, 18, 42, 75, 89, 107, 119–20, 126, 152n23, 159, 165, 167, 176, 183, 212, 236; feigning, 157, 169n7; New York City and, 75, 79, 86, 89; poor kids and, 22; quality and, 1, 3, 18, 120, 142, 160, 167–68, 175, 185, 245; suburbs and, 109, 111; Texas and, 64, 142

"Rising Above the Gathering Storm"
report, 58
R. L. Paschal High School, 18, 63, 66–68
Robinson, David, 118
Rothschild, Eric, 9–17, 30
Roza, Marguerite, 146–47, 242
rural schools, 37, 41, 46, 54, 142, 159, 218–19, 236, 238

Saaris, Reid, 26, 106–7, 112 SAT: assessment of, 210, 227; College Board and, 12, 17, 22, 39, 100, 113n9, 145, 185,

274 INDEX

SAT (continued) 246n3; competition and, 145; culture wars and, 189; dual credit and, 235, 237, 246n3; early versions of, 9; elite dropouts and, 175, 185; as metric of potential, 18; multiple-choice testing and, 12; new, 10; poor kids and, 22; PSAT and, 100; slipping scores of, 17, 22; suburbs and, 100, 102, 113n9; Texas and, 60, 62, 70n22 Scarsdale High School, 9, 173, 175, 186n3 Schneider, Jack, 23, 170, 175 scholarships, 26, 209-10 School for Law and Justice (SLJ), 73-78, 87-89, 213, 219 screening, 11, 42, 74, 86 Scribner, Kent, 68-69 selection effects, 145, 234, 237-39 Sid W. Richardson Foundation, 62 skipping courses, 2, 10, 16, 21, 131, 175-76, 182, 224-25, 238 Smith, Jack, 103-7, 110-12 Snyder, William, 18 social adjustment problems, 11, 132 social studies, 35, 109, 119, 159, 194, 203, 218 Spanish Language, 36, 48n8, 92n33 Spellings, Margaret, 58 Springbrook High School, 109-10 Stand and Deliver (film), 24, 29 Stanford, 21, 26, 39, 122, 180-81, 199 Statistics, 36, 73, 81, 119, 253 STEM subjects: Asian students and, 35; assessment of, 218-19; black students and, 35; Center for New York City Affairs and, 85; charter schools and, 121; competition and, 139; dual credit and, 233-34, 238; elite dropouts and, 175; growth and, 46; Hispanic students and, 35; Maryland and, 106, 109; National Math and Science Initiative (NMSI) and, 59-61, 64, 79, 106, 121; New York City and, 73, 77, 79, 85, 90n4; P-TECH and, 138-39; Texas and, 57-61, 64; white students and, 35 Stern, Jeremy, 196-97 Stuyvesant, 229 Success Academy, 84, 116-17 Summit, 116 Superconducting Super Collider, 56–57, 61 superintendents, 23, 61-64, 68-69, 86, 103, 105, 108, 118, 148-49, 221 Supreme Court, 193, 199-200 Swarthmore, 12, 170

Taft School, 15 Tarrant County College (TCC), 69 teachers: academic standards and, 156-68, 169n7, 169n13; assessment of, 210-15, 218-25, 228-30; charter schools and, 116-17, 120-26; competition and, 137-40, 145-49, 152n24; culture wars and, 189-92, 197-203; dual credit and, 237, 241, 244; elite dropouts and, 171-77, 180, 183; Equal Opportunity Schools (EOS) and, 80, 105-6, 109-11, 114n22; equity and, 38; exams and, 1, 5, 37, 42, 46, 59-64, 76, 82, 86, 88-89, 108, 116, 120, 126, 160-61, 164, 169n7, 172-77, 189, 198, 210-14, 228, 230; feeder schools and, 213; implementation of AP and, 1-5, 9, 13-15, 18, 39, 45-47; Maryland and, 105-11; New York City and, 74-89, 91n18; Ohio and, 95-99; poor kids and, 22-25, 28-29; readiness of, 163-64; rising expectations and, 37; Texas and, 58-64, 67-68; training of, 41, 46, 59-61, 64, 79, 85, 94, 105; unions and, 81, 88, 105, 111, 113n5, 123, 149 Teach for America, 118 Texas: academic standards and, 164; ACT and, 60, 62, 70n22, 250n33; AP Strategies and, 60–62; Asian students and, 55; Austin, 57, 61-62, 118, 141-42, 153n35; Baylor University and, 224; black students and, 55-57, 62, 68; calculus and, 57; charter schools and, 53, 118-19, 125; college admissions and, 39; College Board and, 54, 55, 69n3; college readiness and, 60, 67, 80, 142-44; competition and, 132-33, 136-38, 141-43, 146, 151n17; counselors and, 60; Dallas, 56-58, 61-62, 80, 124, 138; degrees and, 68; diversity and, 56-57; driving growth and, 56-57; dual credit and, 53, 68-69, 71n32, 132, 136, 141-43, 146, 234, 236, 238, 240-45, 255-56; El Paso, 118; enrollment and, 53-55, 60, 64, 68-69, 132-33, 136, 138, 143, 146, 151n17, 240, 242, 244, 261; equity and, 57; exams and, 29, 53-55, 60, 69n3, 76, 136, 151n17, 234, 238, 255-57, 259; ExxonMobil and, 57-60; Fleisher and, 57-61; Fort Worth, 28 (see also Fort Worth); GPAs and, 39, 60, 141-42, 234, 236, 244; Hispanic students and, 54-57, 62, 68; Houston, 118; IDEA Public Schools and, 116-24, 127n12; International Baccalaureate (IB) and, 133; matriculation and, 60; National Math and Science Initiative (NMSI) and, 38, 57–69, 70n10, 80–82, 118, 164; O'Donnell and, 56-61; parents and, 68;

participation rates and, 53-54, 72, 82, 258; pass rates and, 55, 62-67; philanthropy and, 53, 56-62; poor kids and, 53, 58-61, 64; principals and, 63-64; private schools and, 53, 69n2; qualifying scores and, 55-68, 71n28, 82, 224, 259; quality and, 60; racial issues and, 54, 55, 61, 63, 68; rankings and, 141; reform and, 58, 60, 62-64; rigor and, 64, 142; Rio Grande Valley and, 118, 181; rural schools and, 54, 142; San Antonio, 118; SAT and, 60, 62, 70n22; Sid W. Richardson Foundation and, 62; STEM subjects and, 57-61, 64; Superconducting Super Collider and, 56-57, 61; Tarrant County College (TCC) and, 69; taxpayer savings and, 238; teachers and, 58-64, 67-68; techoriented firms in, 56-57; unions and, 81; What Works Clearinghouse (WWC) and, 241; white students and, 55, 68 Texas A&M, 141 Texas Instruments, 56, 70n10 Texas State Board of Education, 195 textbooks, 28-29, 41, 59, 80, 146, 153n50, 162, 192, 194, 219 Thomas B. Fordham Institute, 210 Tierney, John, 209 Tillerson, Rex, 58 Title I program, 156 Torkelson, Tom, 118-19, 127n12 Trends in International Mathematics and Science Study (TIMSS), 157, 159, 244 Troutman, David, 236, 242-44 Trump, Donald, 58 Tugend, Alina, 212, 214 turnover, 28, 62, 64, 78, 83, 86, 88, 90

Uncommon Schools, 116–17
unions, 81, 83–84, 88, 91n18, 104–5, 111, 113n5, 123, 147, 149, 154n56, 229
University of California at Los Angeles (UCLA), 199
University of California Regents, 22
University of Chicago, 180
University of Kansas, 180
University of Maine, 42
University of Southern California, 215

University of Texas, 56, 58, 141-42, 236, 242 University of Virginia, 245 University of Wisconsin, 193-94 Uplift, 116, 124 Urban Assembly School for Law and Justice, 73-78, 87-88, 89, 213, 219 US Department of Education, 38, 150n6 US Government and Politics, 191, 198-200, 226 US History, 13-14, 35, 41, 75, 81, 98, 109, 174, 177, 189, 190-203 U.S. News rankings: charter schools and, 115-16, 121; gold list of, 121; growth industry and, 36-37, 48n12; high schools and, 27; International Baccalaureate (IB) and, 48n11; Maryland and, 102; Mathews and, 28, 210; Ohio and, 100; qualifying scores and, 48n12; university credit and, 180, 224 UTeach, 58

Virginia, 133, 156, 245, 255–57, 261 vocationalism, 96, 188, 217–18 vouchers, 5, 84, 220

Wabash, 12, 15 Washington, DC, 41, 102, 123 Washington Post, 24, 27, 36, 173, 209, 230 Wellesley, 180, 229 Wesleyan, 12 West Virginia, 192, 255-57, 261 What Works Clearinghouse (WWC), 241 white students, 19; academic standards and, 167; competition and, 145; dual credit and, 240; Maryland and, 102-3, 107; New York City and, 89; Ohio and, 95; participation rates and, 40; qualifying scores and, 43-45, 258-59; resource diversion and, 229; STEM subjects and, 35; Texas and, 55, 68 Wilcox, Edward T., 16 Williams College, 12, 15-16, 18, 170 Woodrow Wilson High School, 41 World History, 34, 109, 116, 122, 198, 200-202, 205n26, 253

Yale, 11, 18, 26, 170, 182, 193 YES Prep, 116