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"Productivity of the Unproductive School" An Education Policy Designed not to Work

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"Productivity of the Unproductive School" An Education Policy Designed not to Work

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Abstract- The article examines the thesis of the "productivity of the unproductive school" in the Brazilian context, drawing on IDEB - Adequate Learning in Portuguese Language and Mathematics across the three stages of basic education (early and final years of elementary education and upper secondary education). Methodologically, it is a documentary-analytical study with a quantitative and critical approach, based on secondary analysis of public indicators. The empirical strategy combines descriptive statistics, trend analysis, and relative differences between stages and school networks, with a methodological choice to track Adequate Learning (rather than aggregate indices) and to disaggregate by subject area and stage, in order to mitigate interpretive distortions. The results indicate insufficient national levels and a sharp decline from elementary to upper secondary, more intense in Mathematics (e.g., 2023: 44% \rightarrow 16% \rightarrow 5%) and also present in Portuguese Language (55% \rightarrow 36% \rightarrow 32%), a pattern observed in the private school network and attenuatedthough not overcome—in the federal network. The article argues that instructionism (lesson → test → transmission) sustains a system that fails to ensure learning, producing what we term an "unlearning effect," a cumulative phenomenon; it also discusses the limitations of IDEB-Proficiency, justifying the focus on Adequate Learning by subject and stage. On the prescriptive side, it advocates shifting policies and practices toward public research cycles with student authorship, iterative versions, and explicit rubrics, under the principle of "the same yardstick, multiple pathways" (procedural equity). It concludes that the diagnosis is not intended to blame teachers but to inform decisions that reconfigure the school as a learning architecture, grounded in evidence and the public dissemination of results.

Keywords: unproductive school, IDEB, adequate learning, unlearning effect, education.

I. Introduction

e start from Gaudêncio Frigotto's category—
"productivity of the unproductive school" (1984; 2018)—to test, using recent Adequate Learning data, whether the Brazilian school still produces the very failure it claims to fight. In his first text (1989), Frigotto examines the relationship between education and the capitalist socio-economic structure, arguing that school does not serve "society"—especially the most

Author α: Universidade de Brasília. e-mail: pedrodemo@gmail.com https://orcid.org/0000-0001-9975-3413 Author σ: Universidade de Brasília. e-mail: cristianocalisto@gmail.com https://orcid.org/0009-0006-5655-1305 vulnerable—but rather the productive system. In the second (2018), nearly thirty years later, he revisits the issue and recognizes a scenario of "social regression and reverse hegemony." This is a frontal critique of a school system acknowledged as inept—or designed not to work.

Such criticism has long been on the minds of major thinkers: Paulo Freire, in a striking 1993 interview, states indignantly that education policy does not take public education seriously - Escola Viva - Interview with Paulo Freire, 1993 (TV Cultura, 1993); Darcy Ribeiro used to say that Brazilian schooling "is not a crisis; it is a project" (Roitman, 2022); Anísio Teixeira, involved in public policy, repeatedly voiced a resounding critique of such an inept school (1936; 1957; 1967). Although Frigotto's expression sounds blunt, any focused diagnosis reveals an unbelievable average for public schooling. At times, in the name of defending public schools (which enroll about 80% of students), some authors avoid criticism—a pernicious stance, since we only change what we diagnose, as medicine suggests (Zhao, 2018). Diagnosis is always ambiguous: it can be used to classify only—or to care. Every diagnosis classifies, but its pedagogical rationale is to ensure student learning.

Nor is it only public schooling that faces endemic problems: private schools do too. In this text we show, based on IDEB (run by INEP), to what extent the productivity of the unproductive school can be indicated. In the 1990s, John Taylor Gatto (1992) spoke of "programmed stupidity" in schools aimed at the functional docilization of students. Which country was he talking about? The United States.

II. A School Far from Learning

What is public school for? We would say: to learn. Learning is not its sole purpose, but it is its core, most recognized one. In the context of instructionism (education reduced to reproductive instruction), schools take care of the curriculum, striving to cover it in full during the school year. At the same time, state and municipal departments only check whether classes were held; if so, the year is considered "complete." It is now clear that attending classes and taking tests does not produce the expected effect—provided we diagnose student learning, as IDEB intends.

A conspicuous example of this ineptitude appears in ENEM (the national exam offered annually).

In 2024, only 12 candidates out of 3.2 million earned a perfect score in writing. Even if one questions the "canned" essay format (partly designed to ease textual assessment), writing is crucial to learning, especially in a view that conceives learning as authorship (Dehaene, 2020; Demo, 2015; 2018). Why has writing vanished from school practice? In part because teachers do not write; nor is this skill cultivated in pedagogy degrees and teacher education. We lack basiceducation teachers who are authors, scientists, researchers, digitally literate—we train classroom performers of teaching and content, whereas we need, beyond that, professionals of learning.

Any theorization of learning, especially when anchored in neuroscience (Dehaene, 2020), insists that learning requires active participation (a passive organism does not learn), engagement, protagonism—so learning is, crucially, authorship. This resonates with our autopoietic evolutionary structure (Maturana & Varela, 1997): pressed by the environment, we are capable— albeit relatively—of producing authorship. This direct involvement of students appears in so-called constructivist views, now somewhat out of fashion for overstating authorship (learning is more aptly a reconstruction, not a construction), as Barthes suggested in the "death of the author," albeit via a different argument (he emphasized innate mental structure: we reconstruct texts as this structure enables, without determinism) (Barthes, 1977). Magolda, in the late 1990s, tackled the challenge of self-authorship (still constructivist, arguably pleonastic) (1999; Magolda et al., 2010).

Given that we likely will not have a consensual theory of learning—it is exceedingly complex and contested—we limit ourselves here to highlighting the challenge of authorship in learning. It does not depend on class or test; it depends on learning activities (reading, studying, researching, drafting, grounding...), things largely absent from school. It is not the result of "active methodologies" (Bacich & Moran, 2018) or "flipped classrooms," because such proposals ultimately seek to save the lesson (teaching), not learning.

Learning does not happen in class; it happens in the student's mind, provided they engage and reconstruct curricular content. What comes from outside is mediation—important, to be sure. But nothing replaces student effort, motivation, and authorship. We generally overestimate teaching, as teachers tend to see themselves as the artisans of student performance—a stance that is, in itself, colonizing. The more eloquent fact is that school is not up to students; on average they waste time in it. By itself, school should not fail (if a student does what they can, failing makes no sense), nor pass without learning (that is fraud). In practice, crowds advance without learning, as the data show. Hence the "years of schooling" indicator has lost

meaning (still used, e.g., in the HDI): those who complete upper secondary would have 12 years of study which, if scrutinized, would be worth no more than three or four. Massive public funds are squandered to maintain a school largely useless to students.

We remain in the age of content-ism, of which private schools often boast—yet it does not work, as we shall see. It is also clear that school is not yet an institution of the student, made for the student. It is the teacher's institution, keeping the teacher on a pedestal and staging empty performances without caring whether students learned—or alleging that the teacher's task is to teach and the student's is to learn; if learning does not occur, it is not the teacher's problem.

Of course, learning does not depend solely on pedagogy. There are many other impactful factors, such as student poverty. Since most students are poor, this introduces major obstacles— even though poverty does not necessarily prevent learning. In this respect, there is a stark difference between public and private schools: the latter serves the wealthiest 20%. It does not achieve the bragged-about performance either, especially as the best basic schooling in Brazil is public-a specific federal model with very low coverage (~1%). Teacher issues strongly influence performance: weak initial training in universities that maintain an outdated format; continuing education that merely reheats undergraduate training; low pay (teachers' socioeconomic condition is "proof" that education "isn't worth it"); precarious hiring; devaluation of the profession (BID, 2018). Moreover, a prevailing neoliberal context slashes public budgets, threatens privatization as if private schooling were exemplary, and precarizes teaching. In the end, the country is stuck with obsolete, stagnant, inert provision—in both public and private sectors, on average.

To grasp the extreme difficulty of learning in school, we use the concept of the "unlearning effect" (Demo & Silva, 2021) to designate the striking tendency to learn less and less as one moves up the stages. Typically, the starting point in the Early Years (national average) is very insufficient, and even more so in Mathematics (a worrying gap: if Mathematics starts out inferior, it never catches up)—yet that is our best stage. Early Years are the pedagogue's stage, which shows the best performance (although with avoidable math gaps). In the Final Years, when the subject specialist enters, the drop is shocking, especially in Mathematics, with highly deteriorated figures—even with the presence of a "specialist." In Upper Secondary, Mathematics becomes residual, drifting away from Portuguese and leaving an unsettling question: why are language teachers, though still insufficient, so far above mathematics teachers, who seem to have given up?

ON IDEB III.

This index has sparked many controversies, including resistance among teachers to its application partly because the results are alarming. To this day, IDEB does not include science (PISA always has), because we still have not awakened to the importance of science education (Linn & Eylon, 2011; Slotta & Linn, 2009; Demo, 2010). In the BNCC (2018), science education appears mainly in Biology, as usual, although it is a typically interdisciplinary strand. Teachers are not authors, scientists, researchers, or digitally literate, hence not up to students' needs—especially the most vulnerable.

IDEB is part of assessments linked to Item Response Theory (IRT), but it has shown constant weaknesses in the application of Prova Brasil: many schools focus only on Portuguese and Mathematics; many drill the IDEB test weekly to ensure some performance; some bring only the best-performing students on test day. Organizing such a test is indeed difficult in a continental country with vast disparities. The series dates back to 1995.

A deeper problem is that the IDEB-Proficiency version lacks statistical consistency— surprisingly so. It is a number from 0 to 10, obtained by averaging scores in Portuguese and Mathematics on Prova Brasil and multiplying by the pass rate. First, averaging LP and M makes no sense—they are different magnitudes; both must be learned fully, not averaged. This is a bizarre idea, aggravated by using a pass rate outside IRT coverage (it is provided by teachers). For instance, in the Early Years, the "average" in LP and M was 5.91, which, multiplied by the pass rate 0.97, yields 5.7. States and municipalities quickly realized that passing everyone raises IDEB: if 1.0 were used, IDEB would be rounded to 6. This masks the misery of mathematics performance: in Upper Secondary, for example, LP was 32% and M 5%, resulting in a nonsensical "average" of 18.5. The suspicion lingers that this most-used IDEB version was designed to cloak the worst learning difficulties at school.

In this text, we use only IDEB - Adequate Learning (a percentage), which separates LP and M and follows them across three stages (Early Years, Final Years, Upper Secondary). This version also has problems (e.g., what counts as "adequate learning," easily reduced to content-ism— memorization because it is more measurable). If we wanted to assess authorship-based learning, it would certainly be a very pale measure.

It is important to stress that the aim of evaluation is to take care of student learning, which is what matters most in school. Evaluation is not done merely to classify-much less to oppress- but to preserve the opportunity to learn. Within natural parsimony and without forcing ethereal national means, IDEB - Adequate Learning can be used.

THE PROFILE OF ADEQUATE LEARNING IN PUBLIC SCHOOLS

In Table 1 we see the profile of Adequate Learning in LP and M in Early Years, Final Years, and Upper Secondary for 2023 in Brazil and four states (as examples). These are large national averages, very abstract given the country's dimensions. Adequate Learning in Portuguese in the

Early Years was 55%, a very insufficient figure; in Mathematics it was 44%, even more insufficient, with an 11-pp gap—an early inferiorization that will not be recovered. In the Final Years, Portuguese drops from 55% to 36% (-19 pp); Mathematics from 44% t o 16% (-28 pp), an enormity. In Upper Secondary, Portuguese shows 32%, while Mathematics is a mere 5%—residual. The unlearning effect is far stronger in Mathematics $(44\% \rightarrow 16\% \rightarrow 5\%)$. In Portuguese it is smaller $(55\% \rightarrow$ $36\% \rightarrow 32\%$).

Table 1: Adequate Learning in Public Schools, Early Years, Final Years, High School, Brazil and Some States, 2023 (%).

	Anos I	niciais	Anos	Finais	Ensino Médio		
Estados	Português Matemática		Português	Matemática	Português	Matemática	
Brasil	55	44	36	16	32	5	
São Paulo	63	53	42	20	37	5	
Pará	36	24	24	8	23	2	
DF	65	50	35	14	33	5	
Maranhão	39	26	23	9	16	2	

Note: Source: QEdu 2023 (https://gedu.Ed.br/brasil/aprendizado).

Focusing São Paulo, figures stand above national averages—except in Upper Secondary: Portuguese is only 5 pp higher; Mathematics is the same (5%). In the Federal District, the picture is similar,

despite being the nation's capital; there, Adequate Learning in Mathematics in the Final Years is already only 14%. In two other (poorer) states the figures are well below national averages, with residual Mathematics

even in the Final Years and 2% in Upper Secondary. This suggests that, despite regional differences, the profile is insufficient everywhere, especially in Mathematics— and even more so in Upper Secondary, a state-run provision and the nation's most precarious school level.

The Early Years, typically municipal and tied to pedagogues, have been the country's best performing stage, though still very insufficient. The Mathematics gap is worrying: there is no reason to inferiorize Mathematics—even if many pedagogues do not favor it. The greater concern is that, once Math is inferiorized in the Early Years, it never recovers, even when the licensed subject specialist enters. The Final Years are delivered by specialists yet show huge declines. One tends to assume that specialists would have better training, but the data do not bear this out.

showed The Final Years precarious performance, but the most catastrophic results were in Upper Secondary (Table 2). In mathematics, in 2023, the state averages for Adequate Learning ranged from 2% to 9%, with 5% as the national average (Brazil). The data suggest an exasperated disinclination toward mathematics, as if it were impossible to learn. In every state the figures were residual (below 10%). Only two states reached 9%-Espírito Santo and Goiás-and they are not among the country's leading states. Note the very poor performance of São Paulo, the country's richest state (5%).

Table 2: Ranking of Adequate Learning, Public School, Mathematics and Portuguese Language, Ideb 2023, %.

Matemática				Língua Portuguesa				
Amapá	2	Brasil	5	Maranhão	19	Paraíba	30	
Pará	2	Piauí	5	Amazonas	21	Mato Grosso do Sul	30	
Acre	2	São Paulo	5	Roraima	21	Brasil	32	
Maranhão	2	Mato Grosso do Sul	5	Bahia	22	Distrito Federal	33	
Amazonas	3	Distrito Federal	5	Pará	23	Rio Grande do Norte	33	
Roraima	3	Santa Catarina	6	Sergipe	24	Minas Gerais	35	
Tocantins	3	Rio Grande do Norte	7	Alagoas	25	Santa Catarina	36	
Sergipe	3	Minas Gerais	7	Tocantins	26	Ceará	36	
Bahia	3	Paraná	7	Rio de Janeiro	26	Pernambuco	36	
Mato Grosso	3	Ceará	8	Piauí	27	São Paulo	37	
Rondônia	4	Pernambuco	8	Amapá	28	Goiás	40	
Paraíba	4	Rio Grande do Sul	8	Acre	28	Rio Grande do Sul	41	
Alagoas	4	Espírito Santo	9	Mato Grosso	29	Paraná	42	
Rio de Janeiro	4	Goiás	9	Rondônia	30	Espírito Santo	43	

Note: Source: QEdu 2023.

In Portuguese language, the figures were much higher—though still very insufficient— indicating a marked divergence between the performance of language teachers (who still seemed to believe in recovery) and mathematics teachers (who seemed to have capitulated). The range was 19% to 43%; none of it satisfactory, although well above mathematics, with an average of 32%.

The data suggest that schools maintain a perfectly inept teaching practice, particularly mathematics, because it fails in its chief function: to ensure the student's authorial learning. The raison d'être of teaching is learning. Mathematics classes are offered systematically, as always— many basic-education teachers deliver them "religiously," yet to no avail. We tend to see the class as the founding event of school and university, when it is merely mediation. Learning does not reside in the class; it resides in the student's mind. What comes from outside is mediation, as Vygotsky famously said (1989; 1989a). Learning is not something that can be caused from the outside, from above; it is student protagonism, which can be mediated—and therein lies the teacher's indispensable relevance.

Just as a woman, when she conceives, carries, and brings forth a child, does so as a mediator (Hrdy, 1999)—and is therefore the most exuberant instance of mediation in nature—not as a "causer." The child does not belong to her, although she typically cares for the child with utmost devotion. The teacher's fundamental role is to care for the student's authorship, just as a mother cares that her child becomes the author of their own life. One day the child must "free themselves" from the mother—and we call that emancipation. In Rosa's hard critique (2010; 2019) of eurocentric selfdetermination, emancipation is unilateral, colonizing, privatizing: it always implies preventing the other's emancipation, because in eurocentric (Euro-American) civilization the other is a rival to be eliminated, not an "authentic other" (Maturana, 2002).

One of the most forceful critiques of this useless teaching appears in Barthes (1996), following Foucault (1977; 2004): referring to the May 1968 student uprising in Paris, he challenges the libido dominandi, the power ambushed within teaching, the "fascist" language. What is the point of a class that yields 2% adequate learning in mathematics? Is it not perfectly useless?

Carraher et al. (1995) produced a very illuminating study—"Ten in life, zero at school" showing that while in everyday life it is hard to find anyone who cannot shop at the market, understand prices and change, or gauge a child's weight and size, at school this "mathematics" becomes a torment, leaving the impression that school goes out of its way to make it difficult. We only learn mathematics if we understand it. Understanding is not a product of the lesson; it is a capacity of the student. The role of the mathematics teacher is not to hand over content, but to enable the student to understand mathematics. Until that happens, the class is useless. There was a time when a supposed mark of quality for a math teacher was to flunk everyone. We no longer accept that. But the scenario has not changed: mathematics remains a deep marker of exclusion.

Yet this is not only a Brazilian problem. In the United States, PISA 2022 performance (PISA-2022, 2023) was very insufficient—an embarrassment for MAGA (Table 3)—with the country in 34th place in the mathematics ranking (Table 3). Clearly, mathematics is a serious problem in American schooling, standing more than 100 points below Singapore's performance. In practice, high performance in mathematics is an Asian phenomenon (concentrated in Singapore and China, plus Japan and South Korea), even though it is common to criticize the methods used as "draconian," causing absurd stress among students (Zhao, 2018; Ripley, 2013; Sahlberg, 2017). Canada ranked 9th, far above the United States. Mathematics is-today even more than before—a gatekeeping criterion for the most advantageous jobs globally, especially in the digital and Al world. Quite likely, in digital technologies China may overtake the United States (Lee, 2018; Jin, 2023).

Table 3: Performance in Pisa-2022 in Mathematics, Reading and Science, Some Countries.

Posição	Países	Matemática	Leitura	Ciência
1	Cingapura	575	543	561
2	Macau (China)	552	510	543
3	Taipei (China)	547	515	537
4	Hong Kong (China)	540	550	520
5	Japão	536	516	547
6	Coreia	527	515	528
7	Estônia	510	511	526
9	Canadá	497	507	515
34	Estados Unidos	465	504	499
62	Brasil	379	410	403

Note: Source: Pisa-2002.

Brazil appears in 62nd place, no surprises. It performed poorly in all three domains, especially in mathematics. It was a certificate of backwardness (backwardness as a project, in Darcy Ribeiro's critique), but, "comparatively," it is not so different from the American position in "moral" terms (Lubienski & Lubienski, 2013; Ravitch, 2020). The United States once had the best high school system in the world, in the postwar period, when nearly all school-age students attended high school and from there an exuberant middle class emerged (Piketty, 2022), but it was destroyed (McMahon, 2023)—as was the middle class (Piketty & Sandel, 2025).

Private School Boasting

As we can see in Table 4, the private sector is well ahead of the public sector—an expected result, since private schools serve the wealthiest 20% (the elite). While Adequate Learning in Portuguese (LP) and Mathematics in the Early Years (AI) was 55% and 44% in public schools, in private schools the figures were 83% and 73%, respectively. In the Final Years (AF), they were 36% and 16% versus 68% and 49%. And in Upper Secondary (EM), 32% and 5% versus 64% and 31%. It is clear that in private schools the "unlearning effect" operates dramatically, as does the math gap, because, in the end, the teachers are the same. In mathematics, above all, the drop is astonishing: 73% in the Early Years; 49% in the Final Years; 31% in Upper Secondary, on the national average. Even the Early Years figures are not satisfactory; they should be above 90%. And the 31% Adequate Learning in mathematics in Upper Secondary is not essentially "different" from the 5% in public schools (on average).

Table 4: Adequate Learning in Public, Private and Federal Schools, Brazil, 2023 (%).

	Anos Iniciais		Anos	Finais	Ensino Médio		
Escola	Português Matemática		Português	Português Matemática		Matemática	
Pública	55	44	36	16	32	5	
Privada	83	73	68	49	64	31	
Federal	89*	77*	83*	72*	75	35	

Note: Source: QEdu 2023 (https://qedu.Ed.br/brasil/aprendizado). *2021.

What stands out, however, is that the best basic schooling is the federal system (we do not have data for 2023 except for Upper Secondary – EM), yet the table makes it clear that its performance is much better. The federal system has very small coverage (around 1%) (School Census... 2024:15), but its results have drawn attention, as they suggest that quality public schooling is possible and need not be as elitist as the private sector. This federal system exhibits ailments common to Brazilian education—such as the unlearning effect, the mathematics gap, and the steep decline in math performance—but it is "consoling" that it is the best basic school option, perhaps in the same vein as Lubienski & Lubienski (2013).

The private sector generally claims to be staunchly content-driven and, for that reason, to place students in the top entrance examinations, including the most competitive slots at the best public universities. In practice, this occurs due to the weakness of public

schooling, as the data amply attest, not because of private virtue. In Table 5 one can see that private-sector performance in Mathematics in 2023 was blatantly insufficient: 15% to 49% across states, with a national mean of 31%. Considering that it serves the national elite and charges tuition, this amounts to a counterfeit product. Major states such as Rio de Janeiro and Rio Grande do Sul posted 21% and 28% (respectively), and the best state, Minas Gerais, did not reach 50%. One may say that there, too—overall and on average—the mathematics lesson is perfectly useless... and paid for.

In Portuguese Language (LP) the performance was significantly better, as is common here (LP is learned far better than Mathematics), ranging from 48% to 77%, with a mean of 67%, yet it is still not satisfactory. This is a very inept school system that, to a large extent, defrauds its students and, ironically, charges them dearly.

Table 5: Ranking of Adequate Learning, Private School, Mathematics and Portuguese Language, Ideb 2023.

Matemática				Língua Portuguesa			
Amapá	15	15 Tocantins		Alagoas	48	Ceará	65
Alagoas	15	Pernambuco	28	Sergipe	56	Bahia	65
Roraima	16	Bahia	28	Paraíba	56	Mato Grosso	65
Rondônia	17	Rio Grande do Sul	28	Amapá	57	Amazonas	66
Sergipe	21	1 Mato Grosso		Roraima	58	Espírito Santo	66
Rio de Janeiro	21 Brasil		31	Goiás 58		Rio Grande do Sul	67
Pará	á 23 Espírito Santo		33	Rio de Janeiro	59	Brasil	67
Amazonas	as 23 Paraná		33	Rondônia	60	Mato Grosso do Sul	68
Rio Grande do Norte	23	São Paulo	34	Maranhão	60	Paraná	69
Paraíba	24	Santa Catarina	36	Pernambuco	61	São Paulo	71
Goiás 24 Mato Grosso do Sul		37	Pará	62	Distrito Federal	71	
Acre 26 Piauí		38	Tocantins	63	Piauí	73	
Maranhão	26 Distrito Federal		40	Rio Grande do Norte	64	Santa Catarina	75
Ceará 26 Minas Gerais		49	Acre	64	Minas Gerais	77	

Note: Source: QEdu 2023.

Table 6 shows the historical series since 1995 in mathematics, indicating that, after 28 years, we have only moved backward in Upper Secondary (EM). There was progress in the Early Years (Al)—the stage typically taught by pedagogues—but stagnation in the Final Years (AF). And in Upper Secondary, a systemic

cataclysm. The most striking example is the Federal District (DF): it started in 1995 with 31.5% adequate learning in mathematics (a figure that seems suspicious; we have never had another like it), and by 2023 we had reached 5%! Pará, which began at 4.3%, was at 2% in 2023.

Tabel 6: Aprendizado adequado de matemática, AI, AF, EM, 1995-2023, Brasil, São Paulo, DF, Pará.

Anos Iniciais (AI)								
	1995	2005	2015	2017	2023			
Brasil	19,0	18,7	42,9	48,9	44,0			
DF	20,4	37,1	52,1	61,3	50,0			
São Paulo	25,7	26,9	59,3	65,0	53,0			
Pará	05,9	05,5	22,1	23,1	24,0			
Anos Finais (AF)								
Brasil	16,8	13,0	18,2	21,5	16,0			
DF	28,0	25,5	22,6	28,1	14,0			
São Paulo	23,1	15,1	22,7	28,1	20,0			
Pará	06,1	05,2	07,9	08,3	8,0			
Ensino Médio (EM)								
Brasil	11,6	10,9	07,3	09,1	5,0			
DF	31,5	23,6	12,8	17,0	5,0			
São Paulo	14,4	15,2	09,0	09,9	5,0			
Pará	04,3	04,1	02,9	03,9	2,0			

Note: Fonte: Todos pela Educação e QEdu.

São Paulo, the richest state in the federation, started at 14.4% and fell to 5% (the same as the national average), indicating a school system designed not to work. Although one might highlight the rise in adequate learning in mathematics from 19% (1995, national average) to 44% (2023), this figure is still, frankly, miserable.

VI. CONCLUSION

The data do not say that we are inept ad aeternum, with no way out; they say that the current school, yes, has no way out. In large part, we avoid diagnosis because it is too painful. The best way not to have cancer is not to see a doctor. This ostrich policy is at the heart of Brazilian educational policy-and of private schooling. In this instructionism, left and right are cheerful partners. They deliver the same useless lesson. A lesson can be useful—there are emblematic lessons—but they are delivered by authors, not parrots. Since the project is to train parrots, the school must be a parrot aviary. That is what Darcy Ribeiro, Paulo Freire, and Anísio Teixeira criticized head-on, and to this day we have not changed it. It is what Frigotto has been castigating for 36 years. In this landscape, the federal school system appears as a consolation, because even if still elitist-it offers something far higher in quality; yet, when scrutinized from within, the provision remains instructionist, because we have not even minimally grasped the insanity of this view. Millions of Brazilian students show up at school every day to be defrauded, in broad daylight or in the penumbra of night. In the Federal District, adequate learning in mathematics was 50% in the Early Years (AI), 14% in the Final Years (AF), and 5% in Upper Secondary (EM). How can there be a 36-percentage-point drop from AI to AF, precisely when the licensed subject specialist enters—one from whom better performance would be expected? This ineptitude seems endemic, "painstakingly crafted." No wonder privileged states such as São Paulo and the Federal District have 5% adequate learning in mathematics in Upper Secondary. Is this not a school made not to work?

Modus in rebus, as the sensible Romans said! First, it is not a matter of "blaming" teachers, as is customary in the United States, to the point of firing teachers whose students perform poorly (Goldstein, 2014). We are responsible for what we do, but guilty. Second, the teaching task can be greatly hindered by countless other reasons, starting with student poverty, extreme in many parts of the country: insecurity in and around schools; devaluation/precarization of the teaching profession; utterly outdated programs; continuing education reduced to reheating already inept undergraduate training; and so on. Problems this complex do not have a single cause, but a bundle of causes that is likewise indiscernible. The

data certainly indict the lesson being delivered, because it is blatantly useless—even though a lesson need not be an obstacle. However, if a lesson only works when it is delivered by an author, researcher, scientist, then the school lesson does not work, because it is a copy to be copied. Just look at ENEM: if no one writes well, it is because everything is copied, amen.

At the same time, it is possible to make a diagnosis, certainly preliminary like the one I have attempted here, but it is avoided or anathematized, because it hurts too much to see oneself laid bare. Yet we assess in order to care, not to flog, massacre, exclude. What is done in schools today is, in many senses, a massacre—carried out by those who often imagine they are redeeming the world. School remains colonizing (or docilizing, in Foucault's language) (1977; 2004), or stultifying in Gatto's (1992), at least in part because it is not an institution devoted to the student's right to learn; it is a teacher-centered institution. The great school event is not student learning, but the teacher's performance.

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