*Note: Below is an editable letter to share with your school district. For maximum effectiveness, we encourage you to enlist other families in your dialogue with your district. For that reason, the letter has been drafted as coming from “we.” If you are unable to get other families to join you, we still encourage you to send the letter. Just be sure to change “we” to “I” throughout the document!*

Dear [SCHOOL OFFICIAL],

We urge [SCHOOL DISTRICT] to commit to limited and intentional use of educational technologies (EdTech) during the 2020-21 school year. We recognize that the pandemic has completely disrupted education and that this year will include a significant amount of remote learning. However, remote learning does not have to equal online education, and we urge [SCHOOL DISTRICT] to prioritize hands-on, project-based offline learning, regardless of whether students are learning in school or from home.

We are attaching “A Statement on EdTech and Education Policy during the Pandemic,” published by Campaign for a Commercial-Free Childhood and endorsed by 36 advocacy groups and 70 leading experts in education, child development, and technology. The statement includes a summary of the research demonstrating EdTech’s ineffectiveness and how it harms students’ learning and wellbeing. It also includes these five principles to guide decisions about using EdTech during the pandemic and beyond:

* Limit screen time
* Embrace teachers and relationships over EdTech
* Maximize offline, hands-on learning
* Avoid hasty purchases of EdTech
* Understand and mitigate student privacy risks

We urge [SCHOOL DISTRICT] to use these principles to guide pedagogy and purchasing decisions in the coming year. We would welcome the opportunity to discuss this with you further. Thank you so much for your commitment to our children’s wellbeing during these challenging times.

Sincerely,

**A Statement on EdTech and Education Policy during the Pandemic**

We are approaching an educational crossroads, accelerated by the COVID-19 school closures and remote learning experiments of this spring. We cannot afford another year in which students become alienated from the learning process. Furthermore, the decisions and investments school districts make in the coming months will shape educational practices long after the pandemic ends.

*The undersigned urge educators and policymakers to look beyond simplistic EdTech solutions, and find ways to limit children’s time on computers and digital devices during the coming school year and beyond.* We recognize that there is significant uncertainty about what school will look like in the fall and that education across the United States will look vastly different from state to state and district to district. Nevertheless, whether school is in-person, remote, or some combination thereof, educators should ensure that their curricula and assignments center on offline, high-engagement components such as hands-on, project- and place-based learning.

Seizing an opportunity to capture a larger portion of the $10 trillion global education market,[[1]](#footnote-1) for-profit EdTech vendors are selling families and policymakers the false premise that EdTech products offer effective and budget-friendly ways to learn. In reality, the products are costly to purchase and maintain, and frequently crowd teachers and staff out of the budget. The products also ensnare students, whose data and brand loyalty are harvested, and who often become targets of relentless marketing efforts. These efforts include the insidious practice of upselling, through which students and their families are pushed to purchase premium versions, thereby exacerbating inequalities among students. Equally important, these programs reduce the roles played by creative, compassionate teachers in educating the whole child. Learning happens best in the context of human relationships and is lost when the balance is skewed toward online platforms.

The value of quality, teacher-driven instruction is well-supported by research.[[2]](#footnote-2) There is no credible research supporting industry claims that online, personalized learning programs improve academic outcomes.[[3]](#footnote-3),[[4]](#footnote-4) Test scores do not rise. Dropout rates do not fall. Graduation rates do not improve. In 2019, fewer than half of virtual and blended schools had “acceptable” state performance ratings, and only 30% of virtual schools associated with for-profit Education Management Organizations (EMO) managed to meet even that low bar.[[5]](#footnote-5) A study of millions of high school students in 36 countries by the Organisation for Economic Co-operation and Development (OECD) found that students who frequently used computers at school “do a lot worse in most learning outcomes, even after accounting for social background and student demographics.”[[6]](#footnote-6)

EdTech is destined to underdeliver because of how the human brain reacts to screen-based media. In short: the brain doesn’t like it. Reading text on paper increases comprehension, retention, and sheer satisfaction with reading as an activity.[[7]](#footnote-7) Writing by hand boosts idea generation as well as retention.[[8]](#footnote-8) Children between the ages of 8 and 11 who spend more than two hours per day on screens perform worse on memory, language, and thinking tests than those who spend less time.[[9]](#footnote-9) The sensorimotor stimuli that screens offer are paltry compared to real life stimuli, and developing brains are more severely impacted by this disparity.[[10]](#footnote-10)

Prolonged time on screens impairs more than just cognition; it is also hard on the body. Working on screens for long periods leads to digital eye strain – with symptoms including dry eye, headaches, and blurry vision – and increases the risk of myopia.[[11]](#footnote-11),[[12]](#footnote-12) Research has clearly established a link between increased screen time and worsened sleep for children and teens.[[13]](#footnote-13) A wealth of research also links screen exposure to childhood obesity.[[14]](#footnote-14)

Additionally, EdTech platforms collect sensitive student data and require substantial time online, putting our children’s personal safety at risk. A study of 150 EdTech apps and services found “widespread lack of transparency and inconsistent privacy and security practices for products intended for children and students.”[[15]](#footnote-15) After investigating a series of data breaches that allowed hackers to use sensitive student data to “contact, extort, and threaten students with physical violence and release of their personal information,” the FBI’s Internet Crime Complaint Center warned in 2018 that EdTech poses threats to student privacy and safety, including “social engineering, bullying, identity theft, or other means for targeting children.”[[16]](#footnote-16) That warning proved prescient. This spring, the FBI issued an additional warning to parents,[[17]](#footnote-17) and The National Center for Missing and Exploited Children received more than 4 million reports of online sexual abuse – an increase of nearly 3 million from April 2019.[[18]](#footnote-18) In addition, sensitive student data, once processed into “de-identified data,” can be used for non-educational, profitable activities. Worse, de-identified data can be reconstituted as personally-identifiable data.[[19]](#footnote-19) Privacy laws have yet to catch up with technological know-how.

While EdTech is touted as a way to increase equity in schools, it falls short on that front as well. Ensuring that every family has free or low-cost internet access and all students who must learn from home have access to a device are critical and worthy goals, as the recent global pandemic has further revealed. There is no evidence, however, that 1:1 programs reduce the achievement gap between children from poor and wealthy families. Indeed, research has found that the introduction of internet access into low-income households actually results in lower academic achievement.[[20]](#footnote-20) Programs to give low-income families access during the pandemic must be accompanied by tech-intentional and low-tech pedagogies.

For the safety, wellbeing, and academic potential of our children, reducing screen use during the pandemic has to be a priority – no matter the adopted reopening plan. Real, personalized learning can take place without overly relying on technology, especially algorithm-driven, computerized instruction. We urge educators to deepen learning for children during the pandemic with high-engagement, tech-intentional teaching and learning based on the following principles:

* **Limit screen time.** Use technology only when necessary for communication, collaboration, research, or facilitating creative expressions of student learning. Algorithm-driven adaptive learning platforms, gamified learning, and similar apps that incorporate persuasive design to keep kids online should be avoided.
* **Embrace teachers and relationships over EdTech.** Teachers engage learners better than EdTech, and learners engage better when learning is authentic.Remote learning, when needed, should be driven by human interactions and designed to maximize student engagement and agency through use of project- and place-based pedagogies and other self directed projects.
* **Maximize offline, hands-on learning.** Students, particularly younger children and children with special needs, learn better offline and hands-on. Therefore, schools have an obligation to maximize offline, hands-on learning – even if students are at home – by encouraging structured activities such as reading actual books, writing by hand, art, movement, outdoor play, real-world math projects, and nature exploration. During remote learning, schools must find ways to support families by providing physical books and supplies, in recognition of the fact that not all families are in a position to provide these things.
* **Avoid hasty purchases and decisions** during the pandemic that may lead to the overuse of EdTech for many years to follow. Instead, invest in educators.
* **Privacy matters.** Schools must understand and mitigate any privacy risks before assigning a platform or service to students. Schools should avoid services that do not clearly delineate who will have access to students’ sensitive data and for what purpose. Schools should also not assign platforms or apps that contain advertising, including upselling students and their families on premium versions, thereby exacerbating inequalities among students.

The impulse to embrace EdTech during the initial months of the pandemic was understandable; but the continued centering of education around EdTech is neither desirable nor inevitable. Parents and educators now know this to be true.

Fortunately, there is an alternative to EdTech: trusting educators to work together and employ their intelligence and creativity to design and deliver curricula that keep all students engaged while deepening their learning, even in a pandemic. Our children and our nation deserve nothing less than safe schools and low-tech, child-centered, educator-driven learning.

**Statement Signatories**

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**The Alliance for Early Childhood**

**Badass Teachers Association**

**Boston Teachers Union**

**Center for Digital Democracy**

**Center for Humane Technology**

**Class Size Matters**

**Collegiate Coaching Services**

**Defending the Early Years**

**DurableHuman.com**

**Everyschool**

**Illinois Families for Public Schools**

**Live Above the Noise Podcast**

**Massachusetts Association for Infant Mental Health: Birth to Six, Inc.**

**Massachusetts Teachers Association**

**MI Ed Justice**

**Nature Club Kids**

**Network for Public Education**

**New Mexico Pediatric Society**

**NoAppForLife.com**

**NYS Allies for Public Education (NYSAPE)**

**Obligation, Inc.**

**The Opt Out Florida Network**

**Parent Coaching Institute**

**Parent Coalition for Student Privacy**

**Parents' Coalition of Montgomery County, MD**

**ParentsTogether**

**Peace Educators Allied for Children Everywhere (PEACE)**

**Raise Your Hand for Illinois Public Education**

**Roots & Sky Nature School**

**ScreenStrong**

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**Turning Life On**

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