HundrED Impact 2020 Report

NOVEMBER 2020

HUNDRED.ORG
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**IMPACT 2020**

HundrED Research. [https://hundred.org/en/research](https://hundred.org/en/research)

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Conclusions and recommendations from HundrED reports represent the author’s own views.

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Introduction

HundrED is a non-profit organisation that discovers, researches and shares inspiring innovations in K12 education. HundrED was born from the notion that in a world becoming increasingly connected and globalised, education can still be very local and isolated in its practices. Our goal is to support improvement in education and inspire a movement, opening up valuable innovations to spread across the world.

HundrED is unique in its solution-oriented approach to education. We go beyond just identifying problems by highlighting existing solutions already improving education worldwide. We focus on celebrating, inspiring, and empowering all stakeholders to create positive change in education, striving for inclusivity and openness. What we share in our media is grounded in HundrED’s research and we only share innovations and ideas that have been identified as impactful and scalable.

This year our previous readers may notice we decided to separate our usual Yearbook into two reports: (a) this Impact 2020 report focusing on what we’ve done this year and where we are going in 2021, and (b) a dedicated report for our Global Collection 2021, which can be downloaded in our Global Collection 2021 Collection page. We hope that this separation will provide some clarity around these two purposes and make it easier to access their contents.
Foreword by
Saku Tuominen, HundrED

What a year it has been

As one HundrED Innovator, Vishal Talreja from Dream A Dream brilliantly said: "rather than talking about going towards 'the new normal', it would be more appropriate to say that we are constantly moving between familiar and unfamiliar."

Has this year of unfamiliar been good or bad, challenging or exciting, terrifying or inspiring?

All of that, I'd say.

During the past years – when we still could travel – many visited a wide variety of education events. In practically all of them, someone told us that one of the most important things in modern education should be to help every child flourish in an uncertain world. Now that there is a real life masterclass on uncertainty on in every country of the world – how is the education community coping?

Obviously there is not just one answer, one truth. Every country, city, school, student, parent and family is hugely different. While some may have flourished
from day one of the lockdown, millions of people are struggling for various reasons, some of them truly tragic.

At HundrED, our mission is to help improve education with impactful innovations. This year has shown us that the appetite for scalable solutions is huge: the demand has been bigger than ever. Together with the OECD and the World Bank, we released a report on quality education for all during Covid 19. It was full of inspirational best practices. Our Global Collection 2021 is probably our best collection ever and we have also created inspiring spotlights on Creativity, Visual Arts, Learning Forerunners, Bilingual Education, and are working on many more.

As difficult as these times may feel, I am a firm believer that in every crisis lies a possibility for something new. This pandemic is no exception. We all know that online learning and distance education are full of challenges but at the same time, I would be surprised, even disappointed, unless something great came out of these times. Instead of longing to return to the world as it was, we have the opportunity to think and go beyond that. To create something better and more sustainable than the old world we were forced to let go last spring.

We all know this won’t be easy. As important as identifying, recognizing and giving visibility to brilliant education innovators is not enough. We have to deeply understand what kind of innovations we should utilize – including where, when and why. We have to make certain that innovations are genuinely co-developed with teachers and students and implemented really well, mindful of the context, in order to help every child, not just the most fortunate ones.

One of our recent steps towards understanding the challenges of high quality implementation, was research made together with the Finnish National Agency Of Education. The report Developing an education friendly education ecosystem is full of valuable insights which will have a big effect on our future work.

It is understandable that the global education debate is currently paying a lot of attention to problems. However, we should also keep in mind that a lot of good things are happening each and every day, in classrooms all over the world. The rapidly growing HundrED family is one example of that. We have a network of ambitious trailblazers already in over 100 countries and HundrED Country Leads in 17. This makes us deeply grateful.

Sitting here and writing these lines, I am convinced that there are a lot of reasons to stay optimistic and positive in the middle of this uncertainty. When moving between familiar and unfamiliar, no matter what kind of needs and challenges we will be facing, there are already great solutions for these problems out there. We are committed to make them visible and this Impact 2020 report is one example of this work.

Examine the work of great education changemakers in the following pages, browse our website to learn more, visit the innovators’ own websites and ask for help if you want to know more. We are proud to be at your disposal doing everything we can to help every child flourish in life. I have no doubt that embracing both the familiar and the unfamiliar, we can create beautiful things together.

Saku Tuominen
Chair of the Board & Creative Director
HundrED
Part 1: Overview of HundrED
The purpose of education is to help every child flourish, no matter what happens in life.

In a fast changing world, focusing on traditional academic skills will remain important, but that is not enough. To thrive as global citizens, children must be equipped with a breadth of skills. While we are advocates of a child-centric approach and personalised, passion-based learning, the relationship between an inspired teacher and a motivated student will remain essential.

Assessment has to be aligned with the core purpose of helping kids flourish and all of this should be reflected in the learning environments of the future.

To make this happen, we need visionary leadership at every level of our education system with ambitious, impactful and scalable education innovations that are globally effective. The world of education is full of hardworking specialists who are making this happen every day.

Our mission at HundrED is to give them the recognition and visibility they deserve.
1. Identify innovations
Over 1,500 innovations submitted from more than 120 countries
Academy of education experts review and select innovations for all collections

2. Change the tone
Positive message of change drives 40,000 web visitors per month
Innovation pages have been viewed over 1.3M times

3. Help innovations spread
Ambassadors in over 100 countries share innovations locally
We directly connect innovators with growth opportunities

4. Implement at scale
Combine innovation expertise with system-level needs to create sustainable improvements
Completed various education projects on every continent

Theory of change
HundrED Services

Services for Innovators

Once innovations are selected, HundrED works in collaboration with our extended global community to help innovators grow their impact and scale.

Being selected as a HundrED Innovation comes with global recognition, opportunities to increase visibility for your work, and an opportunity to connect and collaborate with a global community of educators, innovators, funders and youth who are committed to transforming K12 education.

GLOBAL RECOGNITION

- **Recognition**: All selected innovations are featured on the HundrED website and are recognized as leading impactful and scalable innovations in the world. Each innovator is sent a media kit for their website, social media, and email signatures.

- **Feedback**: Innovators will receive a sample of positive reviews from education experts that informed their selection on their innovation page, which will also include the plots of the innovation’s impact/scalability graph used by the reviewers.

- **Spotlights**: HundrED Spotlights are focused thematic or regional innovation-focused research projects that we do in partnership with external foundations and organisation. HundrED conducts 4–6 Spotlights every year. All selected innovations will automatically be considered for other relevant Spotlights.
CONNECTIONS

Every Innovator can ask for a growth call with the HundrED team and brainstorm on what kind of connections within the network can help them grow. These can include:

- **Other Innovators:** Since 2016, HundrED has been selecting leading education innovators from over 100 countries. We have created an exclusive Slack channel for our selected innovators to connect with each other, and are also happy to facilitate connections between our innovators with mutual experiences and needs.

- **Country Leads:** Piloting in 2020, we have selected proven top ambassadors from around the world to be Country Leads. We are happy to introduce innovators to our Country Leads for you to access their local expertise & network.

- **Ambassadors:** We have over 600 education industry professionals from over 100 countries willing to help with everything from providing feedback to paid engagements. Depending on what the innovator is looking for, the HundrED Team or Country Lead(s) will match you with the right professionals from our Ambassador network.

- **Funders:** Innovators also get access to the Funders Collection, where they can view investment priorities of over 100 of the top education funders in the world. When relevant, we will also share open funding calls and share innovators’ profiles directly with our funders. Please note, Funders have the final call in agreeing to a connection.

- **External Experts:** Our network extends beyond the education ecosystem to experts in other industries that can help with marketing, fundraising, and other areas. We are able to see if there are any leads within our external network that could support our innovators, based on the needs identified.

- **Connect Service:** We also have a separate service for our larger HundrED Community to request a connection with our innovators. All requests are vetted by the HundrED team to ensure their quality. In the past we have made connections between our innovators and organisations like OECD, Education Above All, Learnt, World Education Week, etc.

VISIBILITY

- **Promotion:** All selected innovations will be displayed on the HundrED platform with a banner indicating the Spotlight or Global Collection they have been selected for.

- **News:** Innovators are also invited to share any major announcements or milestones (e.g. funding, recruiting, expansion, etc.). These will be featured on all of the HundrED media platforms, which have a combined reach of an average of 45,000 visitors per month (and growing!).

- **Articles:** Occasionally, HundrED will reach out to innovators for thought pieces, quotes, and to feature their innovations in impact stories.

- **Events:** Innovators may also be invited to share their work at in-person and virtual events including Webinars and HundrED Glocals. This is a great opportunity for innovators to receive feedback on their work, as well as connect with other like minded HundrED community members.
HundrED Community

The HundrED community is a movement of educators from around the world. We believe change only comes from like-minded people working together towards a common goal. That’s why we’re continuing to build a global community of education innovators and passionate education stakeholders to collaborate and learn from each other to improve education in every corner of the world. The HundrED community comprises of innovators, ambassadors, youth ambassadors and our academy from over 100 countries.

INNOVATORS

Every year HundrED selects a global collection of 100 innovations that are transforming the global K12 educational landscape. In addition, HundrED conducts various reports organised with partner organisations to highlight innovation on education related themes and geographic regions called HundrED Spotlights (e.g. Digital Wellbeing and Pittsburgh). The leaders and trailblazers behind these selected innovations also makeup the HundrED innovator community.

In 2020, we worked closely with our selected innovators to identify how we can support their work. The support included:

• **Recognition**: All selected innovations are featured on the HundrED website and are recognized as the most impactful and scalable innovations in the world. Innovators will be sent a media kit for their website, social media, and email signatures.

• **Visibility**: All selected innovations are displayed on the HundrED platform with a banner indicating their selection. We feature them in our articles, across our social media channels as well as both in-house and external events. In 2020, we collaborated with multiple external parties to provide growing exposure to their work. For example: through events and reports in partnership with OECD, Education Above All, LearnIt, World Education Week, etc.

• **Connections**: The selected innovators are invited to connect with other innovators, our country leads, ambassadors and the extended educator

Services for Education Stakeholders

We continue to see strong interest from organisations and governments around the world to engage in a variety of projects around education innovation. To clarify our work and the types of projects we work on, we have simplified and consolidated our offering into 4 categories:

• **HundrED Spotlights** are a collection of innovations on a specific theme or region with partner organisations. Project results are always freely available for all.

• **HundrED Tailor Made** is designed for education leaders who want to improve education in their schools with the help of impactful education innovations. The 4 main steps of the process are a close collaboration with the partner. As part of this process, all stakeholders into account that will be impacted by the innovation being implemented.

• **HundrED Lab** is a co-creation process to develop a new solution on solving a challenge or meeting a goal. We will use our expertise in education and experience developing multiple lab solutions with innovators to develop an education innovation together.

• **HundrED Research** is focused on understanding various questions related to understanding the diffusion of education innovations. Like Spotlights, we partner with organisations (e.g. Finnish National Agency for Education, Brookings, and others) to collaborate on projects we co-develop.
Over the course of this year, HundrED Ambassadors have offered their ideas, used and helped share the Quality Education for All During COVID-19 Report and education resources. Additionally, Ambassadors have hosted virtual and in-person GLocals celebrating local innovative spirit within their communities and bringing global inspiration by tapping into HundrED collections of impactful & scalable innovations. Furthermore, the Ambassadors this year hosted a series of roundtable discussions on behalf of the UNESCO Futures of Education initiative to capture the needs, dreams and goals of their network.

Furthermore, HundrED Ambassadors were invited to be part of the Academy and various Spotlight Advisory roles. Each member brought a wealth of knowledge and expertise on a global and local scale. Their expertise was essential to help inform our selection of innovations in the annual Global & Spotlight Collections.

**YOUTH AMBASSADORS**

HundrED Youth Ambassadors are changemakers passionate about education. They are the future innovators of the world who are excited to lead the movement and shape the future of education.

In 2020, we offered a one-year leadership opportunity for young people designed to promote youth engagement and participation, increase cross-cultural communication, and support youth initiatives. Our Youth Ambassadors connect with their peers from around the world learning about global education trends, inspiring impactful innovations, and try their hand at innovating by leading their own SDG-aligned project.

This year we had a committed group of 20 youth ambassadors who were involved in initiatives & research studies throughout the year. For next year, we are brainstorming on how to involve more young people in educational discourse and activate their voice & position in such global platforms.

**COUNTRY LEADS**

HundrED Country Leads are the most prestigious Ambassadors, passionate about HundrED’s mission to improve education, and believe the best way to that is through impactful innovations. HundrED Country Leads are natural connectors and enjoy facilitating change and growth for others.

In 2020, we piloted the HundrED Country Leads role with 19 Country Leads from 17 countries, namely, USA, UK, Australia, Kuwait, Ghana, Uganda, Turkey, Hong Kong (ROC), etc. Over the last few months, our Country Leads have been helped:

- Represent HundrED and build awareness about our selected innovations within their local educator networks,
- Grow and engage the local HundrED community through events, webinars and other virtual interactions,
- Identify and evaluate impactful innovations from their countries as well as support our selected HundrED innovators to grow and scale their work by making relevant connections within the local and global communities.

**AMBASSADORS**

The HundrED Ambassador Network is a thriving global community of education stakeholders passionate about bringing change through innovations in K12 education. This voluntary community is made up of nearly 600 teachers, school principals, education consultants, professors, parents and students from around the world.

They are the eyes and ears for HundrED through:

- Identifying impactful innovations,
- Helping amplify innovations within their local network, and
- Inspiring local conversations that collaborates to drive change.
How to Get Involved

Virtual Events

HundrED Media works closely with the HundrED Community to gauge what kind of content they are interested in viewing. In addition, we provide a platform for our community to share their stories. This year our community members have published over 150 articles across our channels, where their innovations and expertise has been shared on the HundrED website.

To ensure our audience is continually engaging with our innovations as well as with the HundrED Community during this time, we have provided various Virtual Events. In the last year, we have hosted over 25 webinars both for our internal and external community.

GLocals

This year our community members continued to host HundrED GLocals. Hosted by HundrED Country Leads or Ambassadors, the goal of these events is to share inspiring local innovations in education and empower teachers while fostering an inclusive, collaborative movement for innovation in education globally.

Our Ambassadors demonstrated incredible flexibility and ingenuity moving from in-person to virtual events after the start of the COVID pandemic.

So far, we helped our community host HundrED GLocals in London (UK), Helsinki (Finland), Ahmedabad (India), two in Brisbane (Australia), Karachi (Pakistan), Delhi (India), and have more lined up in Macedonia, Liberia, and the United States.

The HundrED Innovation Summit and Helsinki Education Week

The 2020 HundrED Innovation Summit and Helsinki Education Week will be unlike anything we have ever done before. Due to the COVID-19 pandemic we, like many others, have been forced to quickly adapt and pivot in order to ensure the health and safety of our many stakeholder groups.

This year we will continue to provide a week’s work special events designed to support the development of learning. However, this year both the HundrED Innovation Summit and Helsinki Education Week will be held entirely online. We have chosen to take this opportunity to open up our event to the world. The complete program will be available free of charge to all interested parties.
Although we cannot meet this year in person, the HundrED Team continues to work with our global partners and community to help improve education through impactful events.

For more information on organizing, participating, or engaging with our global network, contact our Head of Media, Mariah Eve O’Mara at mariahomara@hundred.org.
Where are we headed in 2021?

Overview

The Coronavirus pandemic challenged our most basic assumptions about education this year. While we are concerned about increases in inequality and learning loss, we are also optimistic about the impetus to improve education that these challenges have caused.

At HundrED, we feel that the importance of what we do stands true now more than ever. With school systems, parents, and teachers quickly reacting and creating new solutions, it is critical to understand the global contexts in which those solutions work and how to implement them. We too have felt the need to evolve and have updated the cornerstone of our website and our innovation pages, to make sure they are clearer than ever.

Internally, we are focusing on how to help improve education in systems. We have developed a new Tailor Made project format to do just that, and our discussions with education leaders are underway. There is no shortage of educational challenges, but we hope to remove barriers and make change simpler, more effective, and sustainable.
The Dream

WHAT IS YOUR DREAM FOR THE HUNDRED COMMUNITY?

Lasse: Our mission is to help every child flourish through impactful education innovations. The only way we can reach this massive goal is through our evolving HundrED Community. During this year we have reached the magical number of over 600 ambassadors, and to organise the work even better we have selected HundrED Country Leads to help us to coordinate our community of educators around the world. The old saying goes that it takes a village to raise a child - to help every child flourish we need to reach even further. I hope that through our like-minded community of education enthusiasts we can help local educators in their own context to improve education at scale.

Saku: Quite often people say that “education needs to change”, but actually the change is happening every day, we are just not paying enough attention to it. For me the main goal of our amazing community is that they are changing the tone of the discussion all over the world, from negative to positive, from complaining to excitement. They show that change is not only possible but it is already here. For me,
they don’t have to go anywhere “different” - they just need to continue the superb work they have been doing these past years. We need to help inspiring innovations spread and create valuable connections in their countries and globally. With the active cooperation of our Country Leads, ambassadors and youth ambassadors, leveraging our vast global network becomes more exciting each year.

**HOW HAS HUNDRED PIVOTED DURING THE LAST YEAR?**

**Lasse:** No organisation was unaffected by the COVID-19 pandemic this year. The Education sector around the world was forced to react quickly by closing schools and shifting to distance learning. We at HundrED have been doing our best to serve the needs of students, education providers, educators and guardians in this challenging situation. In April and May 2020, we quickly re-prioritized our work and set up a task force to look into different solutions that help educators around the world handle the change. We are proud to say we published the resulting HundrED Covid Toolkit in May 2020 in collaboration with the OECD.

**Saku:** Our mission is and has always been to improve education through impactful and scalable innovation, and this is exactly what we did during COVID-19 in co-operation with OECD and World Bank. I think one of the most positive things that has happened because of this pandemic is the increased amount of global cooperation. I feel that the global education community is more open to good ideas and best practises than ever.

**WHERE DO YOU SEE THE FUTURE OF EDUCATION AFTER COVID?**

**Lasse:** Many countries have been creating new regulations for schools to cope with the situation caused by the pandemic. Distance and hybrid learning is the new norm, and some countries – including Finland – have even made legislative changes to provide more freedom to schools and offer learning experiences in the safest way possible. These changes have included a right to organise learning in a flexible manner, balancing between in-school and distance education. I believe that some of the practices learned during this year will remain and transform the learning experience for students in the future. At the same time, at-risk students have struggled with their education world-wide. For many of these children, the change of educational landscape has caused extra stress, frustration, and difficulties. We need to be able to take care of these students, and while we are doing so, it’s important to not only look at the student wellbeing but also parent and teacher wellbeing - everyone has moved outside their comfort zone and we need to be mindful of the strain in all parts of the system.

**Saku:** My honest answer is “I don’t know” and I think that no one does. One of our key principles at HundrED is that the purpose of quality education is to help every child flourish in life no matter what happens. By “flourishing” we mean not only academic competencies but also holistic wellbeing and by “every child” we go to the heart of the excellence and equity principle. I think that this pandemic has been a masterclass in uncertainty and how challenging the concept of flourishing can be. In the post-COVID world, we should be a bit better in understanding what distance education and online learning can do at its best and what it cannot. If we take some of the key learnings and implement them really well, it can provide meaningful improvements but it cannot come with a price of helping only the most privileged ones. Nor can it mean sacrifices in crucial 21st century skills such as cooperation, holistic wellbeing etc. Like mentioned in my previous comment, I would also love to see an increased amount of well curated, international cooperation, also at the classroom level.

**WHAT ROLE WILL HUNDRED PLAY IN THIS NEW EDUCATION LANDSCAPE?**

**Lasse:** During the last years we have deepened our understanding of education solutions and practices, how they impact the learning and what kind of contextual challenges there are around the world. Often the education discussion is plagued with negativity and “black & white” opinions. My hope is that through the work we do we can make the success stories more visible than the challenges. HundrED remains to celebrate the great work education innovators are doing, and by doing so we are able to connect and inspire the education world together.

**Saku:** I am really excited about the place where we are now and where we want to be in the long run. In short, we identify great education innovations and we help them spread. This means three key things: being able to identify, analyze and select the most impactful ones in all continents, understanding deeply the best ways to help them spread and serve all education stakeholders well in implementing these innovations at scale, and being mindful about the context. The key thing in all of this is not “the grand vision and big words” but the quality of even the smallest details. We have a humble, yet ambitious approach in everything we do, and we are learning daily. Only then can we reach our core mission to help improve education through impactful innovations.
Part 2: Where have we been in 2020?
An overview of our impact

1,611K
EDUCATION INNOVATIONS PUBLISHED ON HUNDRED.ORG

1,371M
TIMES EDUCATION INNOVATIONS HAVE BEEN VIEWED ON HUNDRED.ORG

1B
STUDENTS USE EDUCATION INNOVATIONS LISTED ON HUNDRED

+604
SINCE LAST YEAR

+341K
SINCE LAST YEAR

+738M
SINCE LAST YEAR

127
COUNTRIES

147
COUNTRIES

11,3K
TIMES INNOVATIONS IMPLEMENTED IN NEW COUNTRIES
HundrED Spotlights

HundrED Spotlights are an opportunity to gain a deeper insight into education innovations and trends either in a specific area of education (e.g. literacy or sustainability), or within a certain geographic location (e.g. India or London). Being part of HundrED Spotlights allows those involved to build their knowledge of innovations, to make authentic connections with other passionate stakeholders, and to help education change for the better.

Spotlights are organised by HundrED and a Spotlight Partner. Research is conducted on the theme or region and on innovations that are considered for selection. Any innovator working in the eligible field can submit their innovation to be included in the research process.

The final innovations are selected by HundrED and a selected Advisory board with both partners who engage in a review process of a shortlist of innovations. These innovations are then packaged and shared freely on the HundrED platform for the world to see.

This year, we have completed or are in the process of conducting a total of 6 Spotlights:

- 2 regional Spotlights (Learning Forerunners Across America, Qatar)
- 5 thematic Spotlights (Bilingual Education, Creativity, Visual Arts, 21st Century Skills in Latin America and the Caribbean)

To find out more about partnering with us for a Spotlight, please contact our Head of Growth, Danny Gilliland at danny@hundred.org
The Qatar Foundation's Research, Development, and Innovation work contributes to the creation and sustainability of a competitive and diversified economy for Qatar. Furthermore, the foundation enables homegrown researchers to address local and global development challenges. Both HundrED and the Qatar Foundation believe that education is the key to many economic and development disparities faced by countries worldwide.

This year, HundrED continues its partnership with the Qatar Foundation to discover 5 to 10 of the brightest innovations originating in Qatar. Together we aim to identify effective practices and solutions in Qatar by looking for inspiring learning innovations and their supporting and preventing factors. The Spotlight research will also explore the necessary conditions required for local schools to adapt learning innovations successfully and multiple ways to best implement education innovations in the region.

This Spotlight aims to encourage collaboration among educators, principals, administrators, policy makers and other stakeholders, both locally and abroad.

The results of the Spotlight will be released in 2021.

The Learning Forerunners Across America Spotlight with Remake Learning and The Grable Foundation highlights system-level best practices that foster innovation at scale in 16 regions across the United States. These system-wide innovations can be top-down initiatives, practices, or policies that enable impactful and scalable approaches to learning in at least 10 schools, institutions or an entire region.

While traditionally we have focused on grassroots innovations that have the potential to work in a range of contexts, we must also work to identify top-level educators who have the means to make change happen at scale. We envision a sharing of best innovations between countries, states, cities or school networks that have a mission to help every child flourish. Our goal is to create a network of innovative education forerunners in the form of cities, countries and other systemic interventions, that can share innovative practices with each other.

These innovations were announced on October 13th, 2020, at the Remake Learning Days Across America (RLDAA), a celebration of innovative experiences and opportunities for youth to develop their sense of creativity, perseverance and curiosity.

Please visit https://hundred.org/en/collections/learning-forerunners-across-america to view the selected innovations and download the report.
Students, their parents, and educators around the world are still feeling the extraordinary ripple effects of COVID-19. While governments and health officials have been doing their best to slow down the outbreak, global education systems have been collaborating to collectively respond and provide quality education for all during these difficult times.

In April, we partnered with the Organisation for Economic Co-operation and Development (OECD) to conduct research on the opportunities and challenges for education during this unprecedented time. With the help of our global community, we were able to identify the challenges that students, teachers & parents were facing as a result of the pandemic, and the resources that are helping support student learning and wellbeing.

In the span of ten days, we released a collection of 30 effective solutions that help parents, teachers and children navigate through some of the challenges facing education during the pandemic.

The pandemic proved how innovative and resourceful the global education community can be, but it has also exacerbated existing inequalities and called into question the very nature of how we educate our young people. It has shown us that even while being physically distant we can be socially connected through technology. It has forced us to recognize the importance of maintaining the mental and physical wellbeing of our students, parents, teachers, and staff. The COVID-19 crisis has been, and will continue to be, both a massive challenge and a huge learning opportunity for the global education community.

The results of this study were released in April, 2020. Please visit https://hundred.org/en/collections/quality-education-for-all-during-covid-19 to view the selected innovations and download the report.
In today’s multilingual and multicultural world, monolingualism is more or less becoming the exception. It is estimated that more than half of the world’s population is more or less bilingual. In Finland, at-least one foreign language is spoken by 93 percent of the adult population.

In today’s multilingual and multicultural world, Bilingual education helps students to understand and experience other languages and cultures, and therefore plays a key role in advancing mutual tolerance. In order to truly prepare students for our global world, it is important to call more attention to innovative pedagogical practises that inspire children from all types of language backgrounds to acquire a second or third language.

The HundrED Spotlight on Bilingual Education partners with the Swedish Cultural Foundation to discover some of the world’s brightest innovations that focus on bilingual education.

The selected innovations were released on 23, September, 2020. Please visit https://hundred.org/en/collections/bilingual-education to view the selected innovations and download the report.

In an age of rapid innovation, where children will encounter unimagined advances and navigate unpredictable dilemmas, the acquisition of knowledge alone is not sufficient to enable them to survive and thrive - both in work and in life. It is therefore essential that children are supported to develop a holistic, breadth of skills including that of cultivating creativity.

Last year, HundrED and The LEGO Foundation partnered to highlight some of the great education innovations focusing on cultivating this skill around the world. Shining a spotlight on this fundamental skill, encourages young people to foster imagination and curiosity, and ensures individuals find learning meaningful by connecting learning goals with the world around them and things that they care about.

The LEGO Foundation believes in the powerful connection between creativity and learning through play. More often than not, the creative process is infused with the five characteristics of learning through play: when children are creative, they actively engage with ideas, interact with their social environment, iterate on what they find, and make meaning of what they encounter and create.

"We believe that all children have the potential to be creative, a potential that can be nurtured over time" - John Goodwin, CEO of the LEGO Foundation

The selected innovations were released during the HundrED Innovation Summit on November 4th - 6th, 2020.
In the growing globalised world, the economy of the cultural industries is growing in importance, and visual expression is becoming part of everyday communication. However, in schools and classrooms, a Visual Arts Education often doesn’t hold as much priority as STEM subjects. We believe visual arts education helps to effectively develop self-expression, confidence, and the creative thinking skills needed for 21st-century life and work.

This Spotlight partners with Supercell to identify a diversity of effective models for promoting the importance of visual art education as a viable and valuable skill—regardless if they are targeting arts-based classes (e.g. design, photography, painting) or for other contexts. This is to highlight the diversity of approaches promoting these skills and abilities within and outside formal school education in a variety of social, economic, and cultural contexts.

This Spotlight will be released in December 2020.

There is a wealth of conversation around the world today on the future of the workplace and the skills required for children and youth to thrive in that future. Schools need to be effectively preparing children and youth with the 21st Century Skills required to succeed.

This year, HundrED has partnered with Inter-American Development Bank (IDB) to identify effective models for cultivating 21st-century skills across Latin America and the Caribbean. This spotlight will select a diverse range of innovations that are promoting 21st century skills in and out of school, including but not limited to: social-emotional skills, project-based learning, self-guided learning through digital, music, sports, citizenship and entrepreneurship programs.

This Spotlight will be released in May 2021.
“Education is one of the blessings of life – and one of its necessities”

– Pakistani education activist Malala Yousafzai

2020 has seen the largest ever impact on education globally. COVID-19 has forced everyone to adopt and adapt new ways of teaching and learning at a speed like never before. Sadly, we know the pandemic has also surfaced and exacerbated existing inequities that will have consequences we are only just beginning to understand. For example, skills that require face to face spontaneous interaction like cooperation, collaboration, and empathy are more challenging to replicate with home learning or social distancing restrictions. On the other hand, this crisis has yielded some silver linings, like the potential to form deeper bonds between educators, parents, and students.
In these times, we especially need cooperation and collaboration across multiple levels for lasting change in education. Since 2016, HundrED has discovered that the world is already full of impactful and scalable innovations. Unfortunately, most educators in the world do not know about the best ones to learn from outside of their local area. We aim to change this through our Global Collection each year.

HundrED’s annual Global Collection highlights 100 of the brightest innovations in K12 education from around the world to anyone for free. Now in our 4th Collection, the goal is to inspire a grassroots movement by helping pedagogically sound, ambitious innovations to spread and adapt to multiple contexts across the world. To make this year’s Global Collection, a shortlist of innovations was reviewed by 150 Academy Members consisting of academics, educators, innovators, funders, and leaders from over 50 countries. In total, there were 3404 reviews by the Academy based on their impact and scalability that were then evaluated by HundrED’s Research Team to make the final collection.

In this section, we provide a very brief overview of the Global Collection this year. More detail on each innovation can be found in our Global Collection 2021 Collection page, where you can download the dedicated report.

We are sure you’ll be inspired by the amazing innovations highlighted in the following pages as are!

Christopher Petrie
Head of Global Research

Katija Aladin
Researcher
Methodology

THE SELECTION PROCESS:

Inspired from Everett M. Rogers classic book Diffusion of Innovations (2003), we use the following definition for innovation in education:

"Innovation in education can be defined as meaningful improvements considered within the place of implementation to a new or modified practice and/or technology that supports any part of the educational ecosystem (for example: skills, teachers, assessment, environment and/or systems, and leadership)."

To progress through each phase, all innovations must have shown evidence for impact and scalability by the reviewers using the following definitions:

Impact: Evaluated as a valuable improvement within the innovation’s context. All innovations must have at-least 1-year of being implemented with its intended users. We made an exception this year to those innovations adapting to COVID-19 that were based on a pre-pandemic innovation.

Scalability: Either the innovation is actively expanding to other contexts or has a high degree of transferability for others to adopt its practice/technology.
HUNDRED ACADEMY 2020

Renee Rainville  CEO and Awareness Instigator, Quanticopia  US
Jeong Lee  Education Consultant  South Korea
Sandeep Rai  Chief of City Operations, Teach for India  India
Samantha Butters  Co-CEO, Fair Education Alliance  UK
Vivian La Dini  Education Consultant  Hong Kong
Sabrina Tan  Mindful Educator  Singapore
Camilla Lupton  Mathematics Teacher - London Screen Academy  UK
Jurana Aziz  Assistant Professor in English, University of Dhaka  Bangladesh
Iris Hubbard  Master’s Student at the University of Eastern Finland  US
Enos Magaga  Communication and Outreach Coordinator at BEADS for Education Kenya  Kenya
Jasleen Kaur  Co-founder: Generation - E & Policy Researcher - Quality Council of India  India
TamilSelvan Ramis  Lecturer at HELP University  Malaysia
Carol Yap  Creator, YelaoShr®  Malaysia
Annie Sidotam  Lead - Project strategies & design, The Nisaba Godrej Foundation for Education  India
Jonathan Nalder  Futures Thinking Coach at STEM Punks  Australia
Donna Fields  Author/Educational Trainer/Innovations Advisor, BEDA Program  Spain
Parvani Dawar  Headmistress, at The Shishukunj International Preschool, Indore Official  India
Junko Tanaka  Student, University of Oulu  Japan
Priyanka Handa Ram  Founder & Director of REWA  Botswana
Adesunloye Adeola  Founder, Studopia LTD  Nigeria
Kendra Thornton  Neuroeducation Consultant  United States
Mustafa Aykut  Principal - Advisor to BoD and CEO at Turkcell  Turkey
Maria Kononova  Business Development Expert | Advisor | Art Producer  Finland
Lefteris Emmanuel Heretakis  Designer and Lecturer in Visual Communication Design  Spain
Milan Kumar Sardar Tharu  CEO & Project Lead - Himalayan Development Initiative  Nepal
Marcus Sheikh  Pedagogical Developer & Teacher  Finland, Australia, Japan
Raquel Fernandez Jimenez  Head of International Projects, Fundacio Tri@ms  Spain
Lene Jensby Lange  Autens + Global Schools Alliance  Denmark
Frans Schouwenburg  Strategy advisor, Kennisnet Foundation  Netherlands
Esa Sally  Primary School Teacher  Finland
Saija Juusti  Kindergarten Teacher  Finland
Vishal Talreja  Co-founder of Dream a Dream  India
Prashant Muley  Principal (Head of K 12 School)  India
Ivan Bogantsev  Head of European Gymnasium, K12 school  Russia
Anoop Erakkil  Director, Learning & Development, Qrius Learning Initiatives  India
Kopal Maheshwari  Founder of Little Einsteins and Kasvus  Estonia
Bryn Llewellyn  Founder of Tagtiv8 and co-director of Move & Learn  UK
Sibel Yali  Mentor teacher & Educator in higher education  Turkey
Elizabeth Lopez  Independent Education Consultant  Malaysia
Jigyasa Labroo  CEO and Co-Founder, Slam Out Loud  India
Vanessa de Oliveira Tenório  Sustainability Educator and Designer  Brazil
Natalia-Fenix Rojo  Arts Teacher - Choreographer  Mexico / Germany
Ashley Lynn Priore  Founder, President, CEO of The Queen’s Gambit Chess Institute  US
Catalina González  Founder & Director - Literacy4All | LEMA  Colombia / US
Hayley Roberts  Director of Teaching and Learning  UK / US
Maria Marin  EduMarin  Finland
Vince Siu  Founder and Principal Consultant, Epiphany Labs  Hong Kong
Rakhi lyer  CEO and co-founder of TrixandTrax  Venezuela
Stephen Caleb Opuni  Director of Innovation, Kolbe Catholic College, Western Australia  Australia / Japan
Shreeelata Krishnan  Innovative educator, International speaker, Trainer  India
Rahul Chavan  Community Alchemist / Non Profit Communication Strategist  India
Enrico Poli  Freelance Communications Trainer  India
Isabella Henriques  Country Director at IDP Foundation - Ghana  Ghana
Jenny Finn  Director, Zanichelli Venture  Italy
Nigel Ngiam  Executive Director of Alana Institute  Brazil
Mike Dunn  Head of School, Springfield Community School and Sourced Design  US
Kathryn Bartlett  Director of College Counseling, Private School in Philadelphia  US
Kehkashan Basu  Founder President Green Hope Foundation  Canada
Kathryn Pattillo  Writer & Consultant, EdWell  Kenya
Khartoum Zorig  Al Investor at Innospark Ventures  US
Emmanuel Otoo  Program Officer, WellingPhilanthropic Fund  US
Nigel Ngiam  HundRED Academy Member & Ambassador  Malaysia
Charis Charalambous  Counseling Psychologist, Learning Design Consultant, Trainer/Facilitator  Cyprus
Sachin Juneja  Director Market Promotions at AMITY University  India
Steven Edwards  Co-Founder of Vega + Education Consultant  US / India
Amit Saxena  Vice President - Education, Sparsh Group  India
Shwetabh S Verma  Founder & CEO, ADISYAM  India
Scott Benson  Founder & CEO, ADISYAM  India
Sheeba Ajmal  Managing Partner at New Schools Venture Fund  US
Sophe Poisiel  Founder Technology For A Cause Enhancing Skills Empowering Kids  Pakistan
Adam Collis  Head of Innovation and Digital Technologies K-6  Australia
Mirela Tanc  Co-founder and director of innovation, Catalyst  Hungary
Alex Bell  Teacher, First Runner Up Pattern Recognition-E2 Singapore 2018  Romania

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<tr>
<th>Name</th>
<th>Position/Project/Role</th>
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<td>Andrew Chapman</td>
<td>Headteacher, MOD Schools</td>
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<td>Lizzie Maarek</td>
<td>Partner, EduCapital</td>
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<td>Karen Lieu</td>
<td>Head of Global Talent Acquisition, Teach For All</td>
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<td>Rebecca Shipps</td>
<td>Director of Content Strategy and Online Collaboration, Teach for All</td>
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<td>Diksha Mehta</td>
<td>People Operations Associate, Teach for All</td>
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<td>Kate Robinson</td>
<td>Founder, Neverygrey</td>
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<td>Summer Howarth</td>
<td>Founder, The Eventful Learning Co</td>
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<td>Dr. Arahaynn Abare McMane</td>
<td>Director, Global Youth &amp; News Media</td>
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<td>Satoshi Sanada</td>
<td>Manager, Education Design, Asia Education Foundation</td>
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<td>John Tan</td>
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<td>Jennifer Ho</td>
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<td>Angele Law</td>
<td>Director of Strategy, Catalyst</td>
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<td>Dr. Gerald Thaver</td>
<td>Thought Leadership</td>
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<td>John Prechter</td>
<td>Digital Expert, Researcher and Educator</td>
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<td>Juan Manuel Pico</td>
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<td>Dana Robb</td>
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<td>Andrea Cooper</td>
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<td>Susan Oreski</td>
<td>Principal of Our Lady of Peace</td>
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<td>David Chapman</td>
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<td>Anant Bhaskar Garg</td>
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<td>Valeria Avalos</td>
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<td>Kat Thorne</td>
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<td>Nsabimana Zabulon</td>
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<td>Arlene Tucker</td>
<td>Creator of Dear You Art Project</td>
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<td>Yosh Okamoto</td>
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<td>Wendy Ng</td>
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<td>Kimberley Powell</td>
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<td>Jephtah Adelowoe</td>
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<td>Nehe Mek Boulani</td>
<td>Middle School Principal, Al-Bayan Bilingual School</td>
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<td>Taylor Fang</td>
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<td>Founder - Me Africa Advocacy Group</td>
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<td>Joanna Goodman</td>
<td>Education Consultant, owner of Cromwell Consulting</td>
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<td>Janice Williams</td>
<td>Science &amp; Sustainability Teacher</td>
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<td>Emmanuel Samuel Agbedejobi</td>
<td>Student Volunteer at The Climate Reality Project</td>
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<td>Arsh Shrivastava</td>
<td>Founder, Head of Outreach and Finance, The Singapore STEM Club</td>
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<td>Sthephanie Buth</td>
<td>Bilingual Executive Secretary, DAIMLER AG</td>
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<td>Paola Parra Leggs</td>
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<td>Malvi Kalra</td>
<td>Director, Outcomes and Efficacy at Owl Ventures</td>
<td>India / US</td>
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<td>Megan Lord</td>
<td>Founder &amp; Executive Director, Soar Away</td>
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<td>Associate Consultant at NoTosh</td>
<td>Founder and CEO Computers for Schools Burundi</td>
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<td>Senior Associate at Owl Ventures</td>
<td>Educational Designer &amp; Demola Facilitator</td>
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<td>Director of Innovation &amp; Technology</td>
<td>Co-founder and Chief Exploration Officer at Kidogo</td>
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<td>Team Leader at Bulgarian Online Research</td>
<td>Youth Centers Manager in IREX/Ukraine, HundrED Ambassador</td>
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<td>Head of Generation Global</td>
<td>Founder and CEO at Ruspri Education</td>
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<td>Founder Me Africa Advocacy Group (MAAG)</td>
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THE ACADEMY BOARD 3-STEP REVIEW TOOL:

Step 1: The factors of impact and scalability were plotted on a graph by each Academy Member using HundrED’s evaluation tool, which is divided into four quadrants (see Figure above). We were looking for innovations that the majority of Academy Members considered to be highly impactful and scalable in the top right quadrant.

The plots on the graphs below represents a review for one of the shortlisted innovations in this Spotlight.

Step 2: Each reviewer also provided specific comments about each innovation that explained their evaluation on our mapping tool.

Step 3: Finally, they recommended if each shortlisted innovation should be selected by selecting Yes, No, or Maybe.
Mirela Gabriela Tanc  
TEACHER, FIRST RUNNER UP PATTERN RECOGNITION-E2  
SINGAPORE 2018, ROMANIA  
"In these difficult times, innovation is needed more than ever. But the future of global education is great with the HundrED innovations. I am proud and honored to be part of their selection process."

Jephthah Adelowo  
FOUNDER OF GEMSTONE TECH TUTORS, NIGERIA  
"It was indeed an awesome experience exploring through the brightest innovation in K12 education and learning in the World."

TamilSelvan Ramis  
LECTURER AT HELP UNIVERSITY, MALAYSIA  
"What an inspiring and rewarding review process! It was great to learn about the many educational innovations around the globe. I have bookmarked a few to try out myself as well."

Lissette Rojas  
CEO AND CO-FOUNDER OF TRIXANDTRAX, VENEZUELA  
"What happened during the process was that I took away far more than I brought to the table. That’s the beauty of this review. It’s an incredible opportunity to learn and discover how people are rising above challenges to bring a new perspective to learning. It reshaped my own thinking and gave me insights into solutions I hadn’t thought about. Such a privilege to be part of this review process."
When an innovator creates an innovation page on HundrED.org, they enter a list of educational categories that align with its nature and goals. We combined these from all the selected innovations into a word cloud and found it provides an overall impression of the range and thematic emphasis. It is clear from the image on the next page that the focus of many innovations is on areas where there is often a lack of—or a gap—in traditional school education; for example, empathy, social skills etc. Most of these skills and competencies are recognised as growing rapidly in importance for preparing young people for the 21st century. 
FURTHERMORE, WHEN ANALYSING THE SELECTED INNOVATIONS, WE FOUND THE FOLLOWING:

- 55% Target the development of 21st century skills – as defined by The Future of Education and Skills 2030 report by the OECD (2018)
- 41% Require digital devices to augment learning
- 34% Require the internet
- 35% Use pedagogical approaches that involve playful learning
- 47% develop traditional academic skills
- 20% develop vocational skills
- 63% develop holistic skills like empathy, mindfulness, etc.
- 73% innovations are non-profit (27% are for-profit)
- 34% of innovations are implemented in out-of-school contexts (66% to be implemented in school)

On average, the innovations in the 2021 Global Collection have been implemented in 28.9 countries. The collection’s innovations range from being used in 1 country, to a few innovations that have been used in every region of the world. Over 90% of the selected innovations have been implemented in at-least 2 countries, indicating a high potential of transferability.
TARGET GROUP OF INNOVATIONS:

- ADULTS * 31%
- STUDENTS 69%

* ADULTS INCLUDE TEACHERS, SCHOOL LEADERS, AND PARENTS

RANGE FROM 350 TO 150 000 000 USERS

215 527 859

USERS OF ALL THE SELECTED INNOVATIONS COMBINED

Both the research team and the HundrED Academy were extremely humbled by the wide range of innovations discovered this year, and we think you will be too. Let’s celebrate and help them to improve education globally together!

As the graph above indicates, the majority of the selected innovations were established in the last 8 years. Many have shown remarkable growth and scalability within this short timeframe.
Selected Innovations
5 AREAS OF DEVELOPMENT
ACCELERATED
AFLATOUN INTERNATIONAL
AGORA
AMALA
AMAZE.ORG
ARKKI
AULA 42
BE STRONG ONLINE
BEEP LAB
BRAC REMOTE PLAY LABS
CELL-ED WORKFORCE READINESS MOBILE PLATFORM
CHATTA
CITY WANDERER
CLASSDOJO
CLIMATE ACTION PROJECT
COMMUNITYSHARE
COSCHOOL
CREATING TOGETHER
CYBERSMART AFRICA
DESIGN FOR CHANGE
DIGNITAS PROJECT
DOST EDUCATION
DREAM A DREAM
ECO- SCHOOLS
EDCAMP
EDUCATE GIRLS
EMPOWERMENT AND DIGITAL WELLNESS
FUNDACIÓN ESCUELA NUEVA
GEEK TEACHERS
GENIUS LAB
GIRL RISING
GLOBAL ONENESS PROJECT
GLOBAL SKY PARTNERS
GOLD YOUTH DEVELOPMENT AGENCY
GREEN BRONX MACHINE
GREEN HOPE FOUNDATION
HABAYBNA.NET
HEI SCHOOLS
HELLO RUBY
HIGH RESOLVES
IMMERSEME.CO
INHIVE
INSIDE OUT - WE ALL BELONG
KAHoot!
KHAN ACADEMY
KIDE SCIENCE
KIDS EDUCATION REVOLUTION
KOLIBRI
KUBO ROBOTICS
LAB4U
LEARN TO PLAY
LEARNING CREATIVE LEARNING
LEERKRACT
LITTLE RIPPLES
MEETWO
METIS FELLOWSHIP
MINDUP
MINECRAFT EDUCATION EDITION
MYMACHINE
NATAKALLAM
NEWSELA
ONECOURSE
ONESKY FOR ALL CHILDREN
OTSIMO
PENPAL SCHOOLS
PROFUTURO DIGITAL EDUCATION
PROJECT DEFY: DESIGN EDUCATION FOR YOURSELF
PROJECT EVERYONE: WORLD'S LARGEST LESSON
PROJECT FUEL
PROJECT ROCKIT ONLINE
PROTSAHAN'S HEART PROGRAM
REAP BENEFIT
REDES DE TUTORÍA
REMAKE LEARNING DAYS
RISING ON AIR
ROOTS OF EMPATHY
RULER APPROACH
SCHOLAS OCURRENTES
SCHOOL DAY WELLBEING
SCRATCH
SELF-SUSTAINING AGRICULTURAL SCHOOL MODEL
SISTEMA GLOBAL
SLAM OUT LOUD
SMART SCHOOL ALLIANCE
SPEED SCHOOL
SQUAWK SQUAD
STIR EDUCATION
TAGTV8 ACTIVE LEARNING
TEACHING AT THE RIGHT LEVEL (TARL)
TEACHING TOLERANCE
TEAM4TECH
THE CLUBHOUSE NETWORK
THE ECONOMIST EDUCATIONAL FOUNDATION
THE EDUCATE! MODEL
THINK EQUAL
TOMI.DIGITAL
UBONGO
UNITED WORLD SCHOOLS
XTALKSWORLDLISTENS
Part 3: Get Involved!
Join the HundrED Community

Many individuals across the world are deeply passionate about improving education, expressing a multitude of reasons specifying its importance. Yet, due to the disconnect of insights and information in education, they are often unaware of other stakeholder perspectives and innovations that are working impactfully, committed to scale and addressing key needs. Educational stakeholders are often unable to take into account global perspectives and insights in education, due to language and financial barriers, which thereby, prevents them from tapping into global knowledge bases and exploring practical examples that can help deepen their impact and support their local education communities.

At HundrED, we are therefore committed to bringing a variety of education stakeholders together to discuss, debate, and act on education challenges that impact millions of young lives. The intention behind our community is to help improve K12 education through innovations. We believe that the change can happen only when we would together, listen to varying perspectives and offer solutions to the global problems in education.

Educators, innovators, educational leaders and young people are therefore invited to join us in our vision to help every child to flourish and improve K12 education through innovations. To learn more about our community, check out our website: https://hundred.org/en/community
Partner With Us

Our work with partners has come about from our work with diverse changemakers in education, and we are always happy to discuss new ideas to make change happen. Here are a few ways we currently work with partners around the world:
EDUCATORS: WE HELP IDENTIFY OR IMPLEMENT INNOVATIONS

We work closely with education providers and school systems on innovation. We can identify innovative policies and practices that should be globally recognized, or help improve or implement innovations.

PARTNERS: PROMOTE INNOVATION IN EDUCATION

Our partners are visionary supporters of education innovation. Global partners work with us in a variety of ways, while Spotlight partners sponsor projects that are aligned with their work in regions and/or themes.

FUNDERS: WORK WITH US TO MAKE CHANGE HAPPEN

Funders help innovation spread faster than anyone. We provide our expertise to funders looking to solve challenges globally or locally, and sometimes expand their horizons on what and where to fund.

To learn more about partnership possibilities, check out our website: https://hundred.org/en/services

GLOBAL PARTNER

PROJECT PARTNERS

The LEGO Foundation

Helsinki Helsingfors

Svenska kulturfonden

The Grable Foundation

OECD

THE WORLD BANK

IDB

Sayling Wen Cultural & Educational Foundation

Qatar Foundation
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