

SDG 04: QUALITY EDUCATION



Marketing
Gate

End extreme poverty. Fight inequality and injustice. Fix climate change. Whoa. The Global Goals are important, world-changing objectives that will require cooperation among governments, international organizations and world leaders. It seems impossible that the average person can make an impact. Should you just give up?

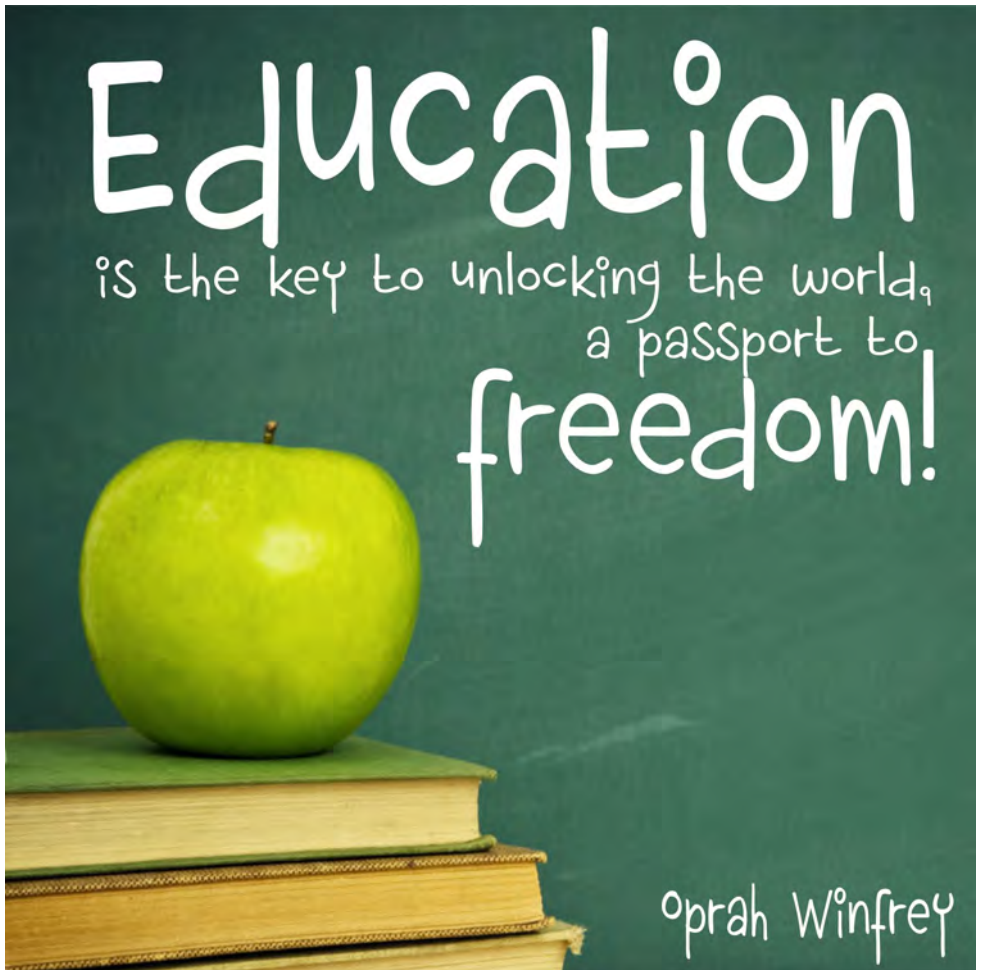
No! Change starts with you!

On 1 January 2016, the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development — adopted by world leaders in September 2015 at an historic UN Summit — officially came into force.



Goal 04: Facts and figures

- Enrolment in primary education in developing countries has reached 91 per cent but 57 million children remain out of school;
- More than half of children that have not enrolled in school live in sub-Saharan Africa;
- An estimated 50 per cent of out-of-school children of primary school age live in conflict-affected areas;
- 103 million youth worldwide lack basic literacy skills, and more than 60 per cent of them are women.



GOAL 04: Targets

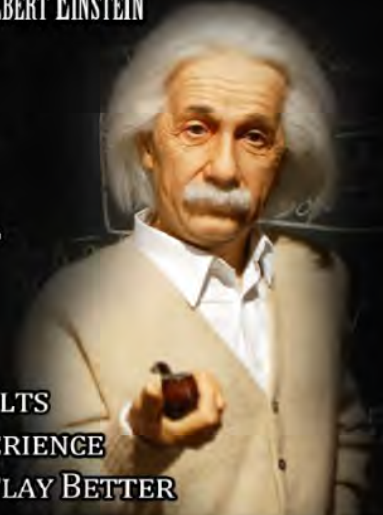
- Ensure significant mobilization of resources from a variety of sources,
- By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes;
- By 2030, ensure that all girls and boys have access to quality early childhood development, care and preprimary education so that they are ready for primary education;
- By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university;
- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship;
- By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situation;
- By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy;
- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development;
- Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, nonviolent, inclusive and effective learning environments for all;

GOAL 04: Targets

- By 2020, substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries;
- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing states.

10. AMAZING LIFE LESSONS YOU CAN LEARN FROM ALBERT EINSTEIN

1. FOLLOW YOUR CURIOSITY
2. PERSEVERANCE IS PRICELESS
3. FOCUS ON THE PRESENT
4. THE IMAGINATION IS POWERFUL
5. MAKE MISTAKES
6. LIVE IN THE MOMENT
7. CREATE VALUE
8. DON'T EXPECT DIFFERENT RESULTS
9. KNOWLEDGE COMES FROM EXPERIENCE
10. LEARN THE RULES AND THEN PLAY BETTER





ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL

BEFORE COVID-19

PROGRESS TOWARDS
INCLUSIVE AND EQUITABLE QUALITY
EDUCATION WAS **TOO SLOW**



OVER 200 MILLION CHILDREN WILL
STILL BE **OUT OF SCHOOL** IN 2030

COVID-19 IMPLICATIONS



SCHOOL CLOSURES KEPT
90% OF ALL STUDENTS OUT OF SCHOOL
REVERSING YEARS OF PROGRESS ON EDUCATION

INEQUALITIES IN EDUCATION ARE EXACERBATED BY COVID-19

IN LOW-INCOME COUNTRIES,
CHILDREN'S SCHOOL COMPLETION RATE IS



79% IN RICHEST
20% OF HOUSEHOLDS



34% IN POOREST
20% OF HOUSEHOLDS

REMOTE LEARNING REMAINS
OUT OF REACH FOR
AT LEAST
500 MILLION STUDENTS



ONLY 65% OF PRIMARY SCHOOLS
HAVE BASIC HANDWASHING FACILITIES
CRITICAL FOR COVID-19 PREVENTION

Before the coronavirus crisis, the proportion of children and youth out of primary and secondary school had declined from 26 per cent in 2000 to 19 per cent in 2010 and 17 per cent in 2018.

Despite some progress, 258 million children and youth were still out of school in 2018, of which three quarters lived in sub-Saharan Africa and Southern Asia. Girls face more barriers than boys at the primary level. Globally, around 5.5 million more girls than boys of primary school age were out of school in 2018.

The disadvantage girls face is more prominent in sub-Saharan Africa, where there were 128 girls for every 100 boys out of primary school that year.

Graph: Proportion of children and youth out of primary, lower and upper secondary school, 2000–2018 (percentage)



In 2020, as COVID-19 spreads across the globe, more than 190 countries have implemented nationwide school closures. About 90 per cent of all students (1.57 billion) were out of school.

Although distance learning solutions are provided in four out of five countries with school closures, at least 500 million children and youth are currently excluded from these options.

The sheer magnitude of school closures is likely to set back progress on access to education.

EDUCATION AROUND THE WORLD

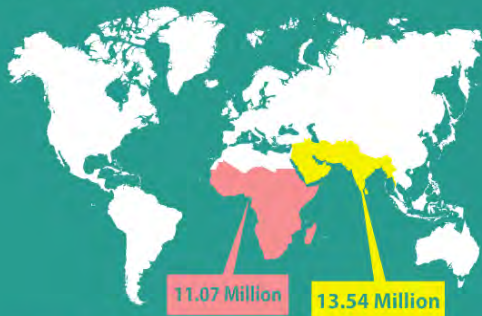
There are **1.4 Billion** students on Earth.



Only **65.2 Million** educators Globally.

THE CHALLENGE: *Too many children remain out of school, and those who are in school aren't learning the skills they need for life and work.*

Children leaving school before completing their Primary Education



In the Sub-Saharan, 11.07 million children leave school before completing their primary education. In South and West Asia, that number reaches 13.54 million.

Children out of primary school



61 Million children are still out of primary school.



32 Million of these children are Girls.



1 in 5

15 to 24 years old has not completed primary school and lacks skills for work.

An estimated

250

million children are not able to read or write.



The poorest and most marginalized are the most affected.



In some emerging economies,

3 in 10

youths cannot do basic arithmetic.



Fragile and conflict-affected countries account for more than

30%



of all children not completing primary school

In some developing countries, one quarter to one-half of youth who have graduated from primary school cannot read a single sentence.



OF THE 775 MILLION ILLITERATE ADULTS

TWO-THIRDS ARE WOMEN





Worldwide

780 MILLION ADULTS AND 103 MILLION YOUNG PEOPLE

(ages 15-24) are illiterate.!

SDG 04: EDUCATION

Co-funded by the
Erasmus+ Programme
of the European Union



You**ABLE**

31 MILLION

primary-school pupils worldwide
dropped out of school.

32 MILLION

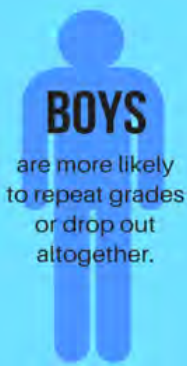
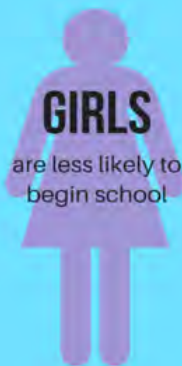
primary-school pupils worldwide
repeated a grade.

11.07 MILLION CHILDREN IN AFRICA

AND

13.54 MILLION CHILDREN IN ASIA

leave school before completing
their primary education.



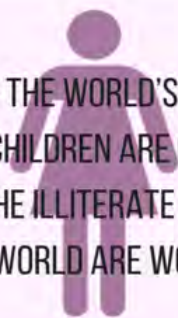
BASED ON INFORMATION FROM

UNESCO

**61 MILLION PRIMARY SCHOOL-AGE
CHILDREN WERE NOT ENROLLED IN 2010.**

47% of those children were NEVER
expected to enter school, 26% attended
school but LEFT, and the remaining 27%
are expected to attend school in the future.

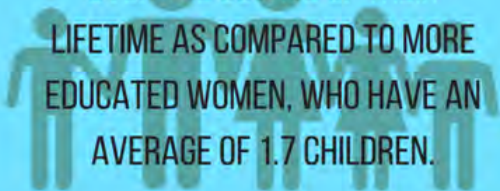
**53% OF THE WORLD'S OUT-OF-
SCHOOL CHILDREN ARE GIRLS AND
2/3 OF THE ILLITERATE PEOPLE IN
THE WORLD ARE WOMEN.**



**IN DEVELOPING COUNTRIES, EVERY
ADDITIONAL YEAR OF EDUCATION
CAN INCREASE A PERSON'S FUTURE
INCOME BY AN AVERAGE OF 10%.**



**WOMEN WHO ARE LESS EDUCATED
HAVE AN AVERAGE OF 2.5 CHILDREN,
OVER THE COURSE OF THEIR
LIFETIME AS COMPARED TO MORE
EDUCATED WOMEN, WHO HAVE AN
AVERAGE OF 1.7 CHILDREN.**



Children living in a rural environment are twice
as likely to be out of school than urban
children. Additionally, children from the
wealthiest 20% of the population are 4 times
more likely to be in school than the poorest
20%.

Never stop learning, because life never stops teaching.

Unknown



6 Reasons

Why Students Prefer Digital Content



The latest study released by McGraw-Hill Education in partnership with Hanover Research has 3000 students voice their digital preferences in college education.

In the study, 81% of students say digital learning technology is helping them boost their grades.



71% students engage more with digital course material

97% students found adaptive learning technology helpful in retention



4% students say digital will enhance knowledge



45% students want to learn on personal devices

78% college students confess that digital learning is helping them improve computer science, mathematics, and other technical skills.

79% students prefer online quizzes, adaptive learning & e-Textbooks in learning



Education Impacts the SDGs



GOAL 4 Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

REACHING GOAL 4 FOR QUALITY EDUCATION IS FUNDAMENTAL TO ACHIEVING THE SUSTAINABLE DEVELOPMENT GOALS

GOAL 4 MANDATES THAT BY 2030:

- ensure that all girls and boys have access to quality early childhood development and complete free, equitable and quality primary and secondary education
- ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education
- eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable

POVERTY REDUCTION



171 MILLION

fewer people living in poverty if all students in low income countries learned basic reading skills¹



In Sub-Saharan Africa, the risk of being poor declined from **46%** for those with no education to **28%** for those completing 6 years of education²

HEALTH & NUTRITION

1.7 million more children can reach full growth potential if all women complete primary education, rising to **12.2 million** more if secondary schooling is complete³



1.7 MILLION

Each additional year of schooling for girls reduces national fertility rates by **5%-10%**⁴



EQUALITY



If all girls had secondary education attainment in sub-Saharan Africa and South/West Asia, child marriage would fall **64%**, while early births would fall **59%**⁵



An additional year of school led to a **10% increase** in income across 139 countries⁶

PARTNERSHIPS



From its start in 2012, Educate A Child (EAC) has recognised the value of partnership. EAC relies on many kinds of partners to accelerate the identification, enrolment and completion of primary education for at least 10 million out of school children. Partners range from major international educational, development, and humanitarian organisations to locally-based groups.



¹ UNICEF, 2014, "Sustainable Development: Education Literates More 140 Million Can Contribute to the Poorest 10% of the World"
² Education A Child and World Bank for Development Institute, 2013, "A Small Investment, an Lifetime Priority: The Urgency of Learning One to School Children"
³ UNESCO, 2015, "The Investment Case for Education and Equity"



علم طفلا
EDUCATE A CHILD
 A program of Education Above All





EDUCATION
IS NOT
PREPARATION
FOR LIFE;
EDUCATION IS
LIFE ITSELF

“This document has been prepared for the European Commission however it reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.”

Social Media for Teachers TEACHERS FIRST Instructor

Use social networking to stay on top of your teaching game.

45% of K–12 teachers update a social-networking site for work purposes.



YOUTUBE



65%

of K–12 teachers create and upload videos, music, and photos for work



164m

Number of Americans who watched online videos in August 2012



Make Your Own Videos!

TEACHER TIPSTER, run by Dustin Smith, a first-grade teacher at Woodrow Cummins Elementary School in Conway, Arkansas, provides a great intro. “Keep [your videos] around five minutes. Try to make it fun and funny and entertaining. Content can be sterile sometimes, which is the last thing I want,” says Smith. youtube.com/user/teachertipster

Most Popular K–12 YouTube EDU Channels

HOOPLAKIDZ 29.1m views
Animated nursery rhymes and stories for kids ages 2 to 8
youtube.com/hooplakidz

SPACE LAB 28.4m views
Streamed two student science experiments live from the International Space Station
youtube.com/user/spacelab

SESAME STREET 18.4m views
Classic clips from the show, featuring Cookie Monster, Big Bird, Elmo, and more.
youtube.com/user/SesameStreet

FACEBOOK



552m

Average number of daily users



106k

Teachers on facebook.com/ScholasticTeachers

“LIKE” THESE PAGES

Facebook in Education
facebook.com/education

ISTE
facebook.com/LikeISTE

NAEYC
facebook.com/NAEYC

The Organized Classroom Blog
facebook.com/TheOrganizedClassroomBlog

Edutopia
facebook.com/edutopia



#edchat
Twitter Party!
Tuesdays at noon and 7 p.m. (Eastern time)

TWITTER 517m users worldwide



140m

Active accounts in the U.S.



8%

of K–12 teachers use Twitter for professional tasks

Education Hashtags: Find the Info You Need!

- #edchat — general education
- #ntchat — for new teachers
- #kindergartenchat — for kindergarten teachers
- #elementarychat — for elementary school teachers
- #p4chat — connects parents and teachers
- #ccss — discussions on the Common Core
- #edtech — technology in education

A FEW TO FOLLOW

@WEB20CLASSROOM

Steven W. Anderson, #edchat cofounder and director of instructional technology for Winston-Salem/Forsyth County schools in N. Carolina

@COOLCATTEACHER

Vicki Davis, teacher and IT director at Westwood Schools in Camilla, Georgia

@STUMPTTEACHER

Josh Stumpenhorst, a sixth-grade teacher at Lincoln Junior High School in Naperville, Illinois

@MBTEACH

Mary Beth Hertz, K–8 technology instructor at north Philadelphia's Alliance for Progress charter school

@SCHOLASTICTEACH

The latest ideas and news from Scholastic



Top sources for pinned material

- 55% Google
- 2.25% Etsy
- 1.67% Uploaded by user

PINTEREST



20.5m

Users worldwide



3,267%

Increase in visitors over same time last year

How users spend their time on Pinterest



84.5%
Pinning



15.2%
Liking



0.6%
Commenting

SOURCES OF “PINSPIRATION”

AMANDA PLUM
First-grade teacher at Midway Elementary School, NY
pinterest.com/amandaplum

ERIN KLEIN
Third-grade second grade at Brookside School in Bloomfield Hills, MI
pinterest.com/erinklein

RACHEL FRIEDRICH
A teaching coach ESL teacher and former sub from San Antonio, TX
pinterest.com/rachelfriedrich

Did You Know...

Student academic achievement in inclusive classes is comparable or superior to that of students served in self-contained classes.

FACT

The quality of instruction provided to students in inclusive classes is comparable or superior to that of students in self-contained classes.

FACT

Inclusive educational programs have no adverse effect on the academic achievement of students without disabilities.

FACT

Students in inclusive classes have more access to the core curriculum than students in self-contained classes do.

FACT

Students in inclusive classes have more interactions with and receive more support from peers without disabilities than students in self-contained classes do.

FACT

The academic engagement of students in inclusive classes is comparable to that of students in self-contained classes.

FACT



Students in inclusive classes, especially vocational classes, have improved adjustment to employment.

FACT

Inclusive classes improve students' adjustment to community living.


FACT

$[f(x) \pm g(x)] = l \pm m$ $f(x) \leq 5$ $-n(B)$
 $x^2 - 4x + 5 \leq 5$ $n\sqrt{a}$
 $[f(x) \cdot g(x)] = l \cdot m$ $x^2 - 4x \leq 0$ $\sqrt[3]{a^3 \sqrt{a}}$

$\frac{1}{f(x)} = \frac{1}{l}$

$1 + 3 + 3 + 6 + 8 + 9 = 5$ x $126 = 6xy$ $a_n =$

 $2 + 4 + 4^6 + 8 + 12 = 30$ $2x + 2y = 20$ $=$



You  **ABLE**