Impact Report
GiveInternet.org 2022

Give Internet

About the project

GiveInternet.org is a platform where anyone can sponsor Internet fees and laptops for underserved students. The US nonprofit is raising funds on behalf of disadvantaged students living in some of the most underserved communities in countries like Bangladesh, Uganda, and Georgia.

Today, 40% of the world's population is offline. Only 17% lives in an area without Internet coverage, making lack of affordability the main barrier to access. GiveInternet.org's goal is to allow individuals to sponsor the Internet fees and computers for some of the poorest families and remove that barrier. The team hopes to enable students to access educational and professional opportunities and realize their full potential.

The methodology

The longitudinal study measures changes over time in the lives of our students based on various indicators.

282 students filled out an identical questionnaire twice: a) before joining the project and b) 10-12 months after joining. The questionnaire combined well-established academic surveys and indices.

The team performed statistical analyses to compare average scores of the students on said indices (using the Dependent t-test for paired samples) and reported statistically significant results.

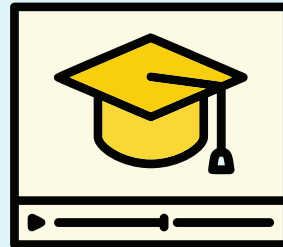The indicators measured in the study include:

- Average changes in the Academic Self-Perception index (derived from School Attitudes Assessment Survey (McCoach, 2002);
- Average changes in the computer literacy index (derived from Self-efficacy in Technology and Science (SETS) and the Computer literacy questionnaire (Son, 2011));
- Average changes in the Internet accessibility index (derived from the Internet accessibility score (Zilka, 2014));
- Average changes in the self-esteem scale (derived from Rosenberg's Self-Esteem Scale);
- Average changes in the general and mental well-being index (derived from The Short Warwick-Edinburgh Mental Well-being Scale (SWEM-WBS) and the subjective well-being scale (ONS);

What improves
1 year after a student is brought online?

Academic outcomes

Internet and self-education accessibility
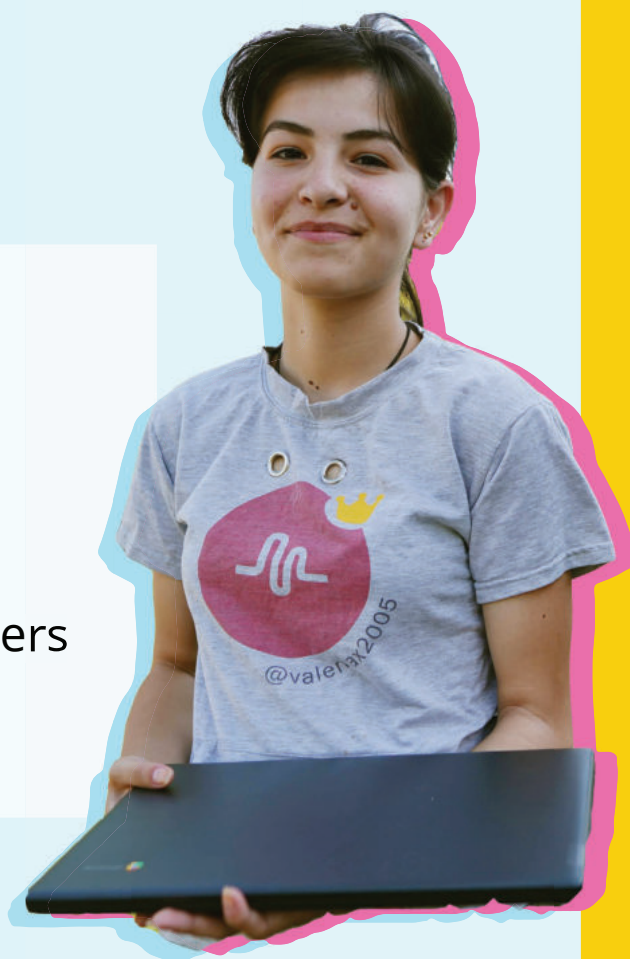
Computer literacy

Mental well-being

Academic outcomes

29%

29% of students have a higher average school grade one year after receiving computers and Internet access

How did the average score change in each subject?

Subject	Before	1 year later
Georgian	7.97	8.27
Math	7.29	7.59
History	7.77	8.05
Geography	7.93	8.10
Chemistry	7.47	7.72
Physics	7.34	7.59
Biology	7.76	7.93

*The table aggregates data from 282 students. For a random selection, we also requested grades from schools for verification.

Computer literacy and skills

55% Receive a higher score on the the computer literacy index (Self-efficacy in Technology and Science) and the Computer literacy questionnaire (Son, 2011)

31% Deem it easier to use a computer

33% Deem it easier to find ansers to their questions online.

How do the students enhance their computer skills in the first year?

Skill	Before	1 year later
Knows how to install software	54%	78%
Knows how to create presentation slides	71%	84%
Knows how to send files via email	75%	84%
Uses email	52%	78%

Internet accessibility and self-education

75%   Receive a higher score on the Internet Accessibility Index (Zilka, 2014)

54%   Watch movies more often

51%   Read online media more often

48%   Use online courses more often

44%   Look for information online more oftne

62%   Use software like Microsoft Word or Google Docs more often

57%   Create presentation slides more often

72%   Use the computer more often

Mental well-being

44% Receive a better score on the general and mental well-being index (SWEMWBS) and the subjective well-being scale (ONS);

42% Receive a better score on the Rosenberg's self-esteem scale and the academic self-perception index (McCoach, 2002)

27% Feel calmer

30% Feel happier

27% Feel more optimistic

28% Deem it easier to solve problems

39% Feel less anxious

Bring a student **online.** Sponsor Internet fees and laptops for students in need.

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Appendix

The Dependent T–test for paired samples: outcome

Indicator	Mean	Std. Deviation	t	Sig. (2-tailed)
Average grade at school	-.24376	1.75315	-1.663	.099
Internet Accessibility	-.69079	.97567	-11.868	.000
Internet for self-education	1.36833	1.52449	15.046	.000
Self-efficacy in Technology and Science	-.27758	.96789	-4.807	.000
The Short Warwick-Edinburgh Mental Well-being Scale	.11068	.91998	2.017	.045
the subjective well-being scale (ONS)	.05100	.82402	.996	.320