

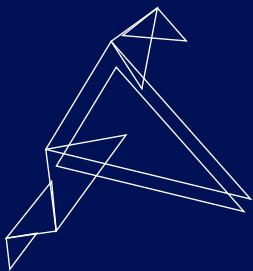
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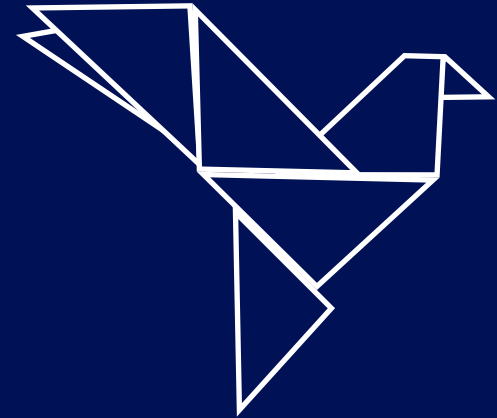
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# Our Mission





## **Create**

a high quality and exemplary education system

## **Bring up**

generations of literate young people with values

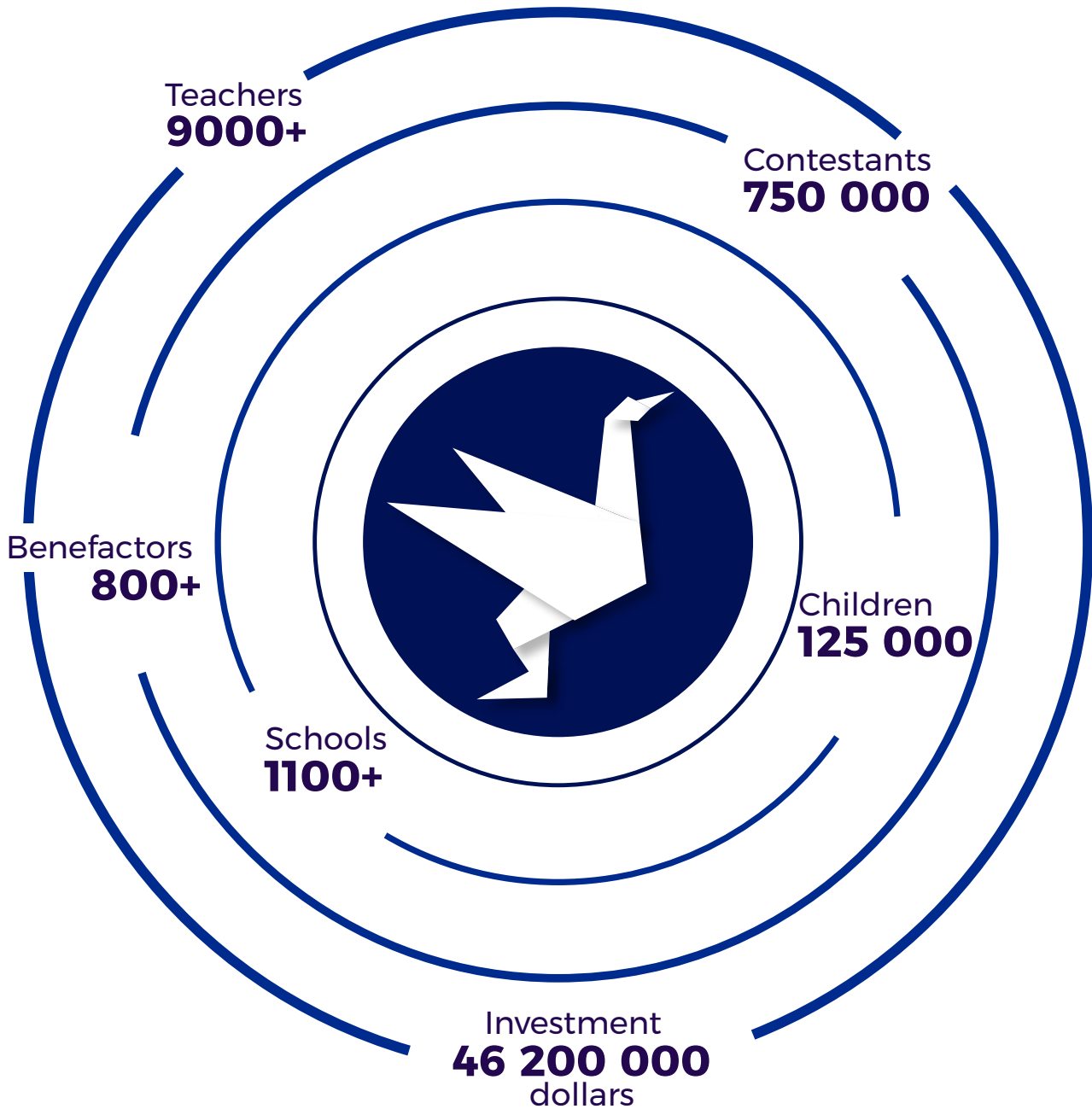
## **Unite**

the society around the mission of education

## **Form**

communities supporting education

# OUR IMPACT



# OUR INVESTMENT

**In 2022,**

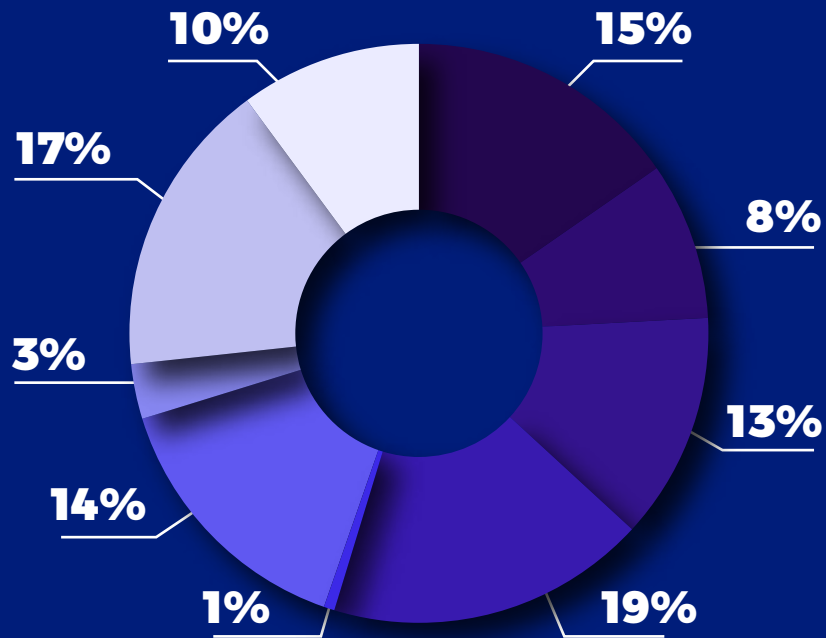
Ayb allocated

**AMD 513 687 976**

or USD **1 020 842.56**

to educational programs

# Breakdown of Program Expenses



Ayb Hybrid Education

Ayb School

Generation Unlimited Challenge

Khan Academy Armenia

Ayb Academy

The pilot program on introducing new state standards for general education funded by the European Union and the World Bank

Ayb contests

Araratian Baccalaureate

Scholarship for top university students



# Growth Rates

**+1.25 times growth**

Funds directed to the  
Ayb Learning Hub Foundation

**+5 times growth**

Ayb Hybrid Learning

**1.94 times growth**

Araratian Baccalaureate examinations

**2021**

**2022**

**Funds directed to the Ayb Learning Hub Foundation**

**76 332 441.00** AMD

**95 202 875.50** AMD

**Ayb Hybrid Learning**

**15 619 262.11** AMD

**78 143 538.99** AMD

**Araratian Baccalaureate examinations**

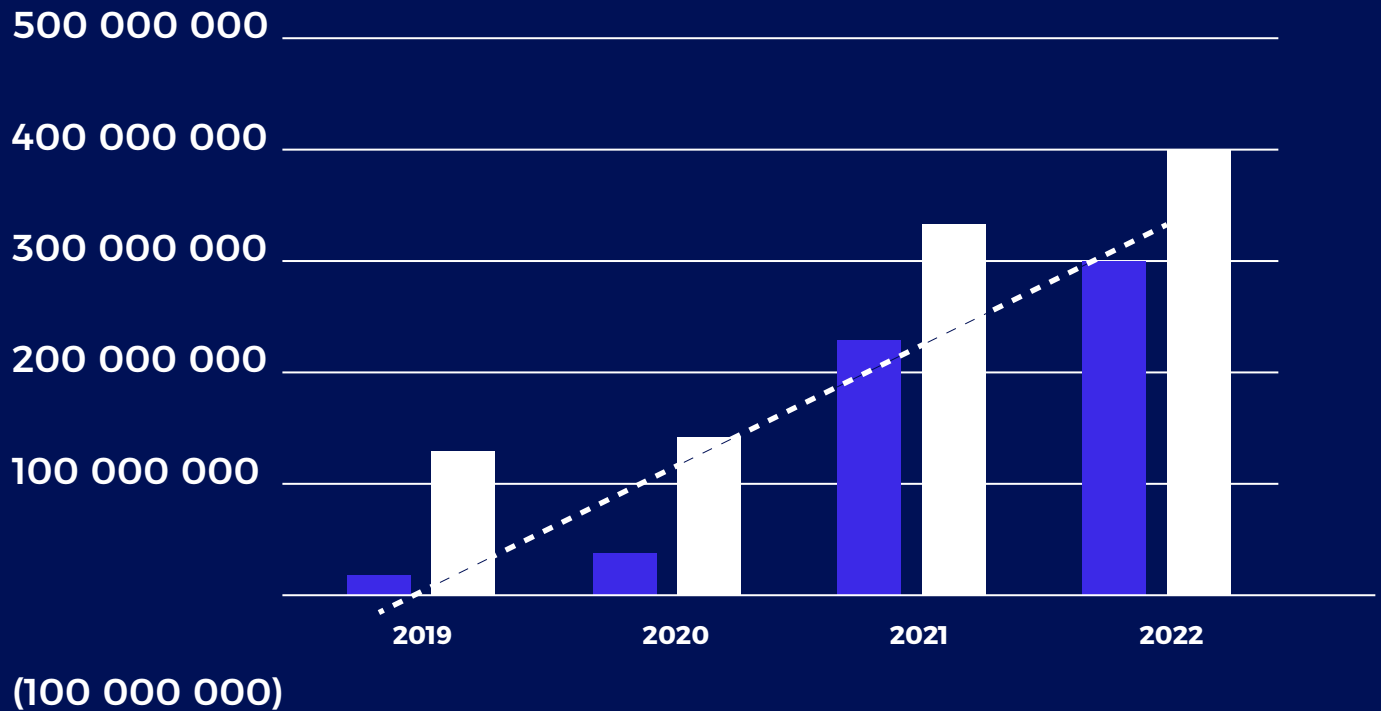
**38 471 327.35** AMD

**74 641 743.70** AMD

# Dynamics of Funds Directed to Education



# Domestic and External Financing Sources for Education Programs



Institutional and partnership funding raised by the Foundation



Community donations



Linear (institutional and partnership funding raised by the Foundation)

# Financial Stability Dynamics

2019 ▲

2020 ▲

2021 ▲

2022 ▲

**Institutional  
and partnership funding  
raised by the Foundation**

**10 998 053**  
AMD

**36 622 544**  
AMD

**232 662 273**  
AMD

**294 017 053**  
AMD

**Community donations**

**129 590 225**  
AMD

**142 601 703**  
AMD

**338 940 258**  
AMD

**401 073 117**  
ՀՀ դրամ

## Անկախ աուդիտորի եզրակացություն

Գրանթ Թորնթոն ՓԲԸ  
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«Այբ» կրթական հիմնադրամի հոգաբարձուների խորհրդին

### Կարծիք

Մենք աուդիտի ենք ենթարկել «Այբ» կրթական հիմնադրամի (Հիմնադրամ) ֆինանսական հաշվետվությունները, որոնք ներառում են 2022թ. դեկտեմբերի 31-ի դրությամբ ֆինանսական վիճակի մասին հաշվետվությունը, ինչպես նաև այդ ամսաթվին ավարտված տարվա նկատման և ծախսերի և զուտ ակտիվներում փոփոխությունների մասին հաշվետվությունը և դրամական միջոցների հոսքերի մասին հաշվետվությունը, ինչպես նաև ֆինանսական հաշվետվություններին կից ծանոթագրությունները, ներառյալ հաշվապահական հաշվառման քաղաքականության և շահակալի մասերի վերաբերյալ համառոտագիրը:

Մեր կարծիքով՝ կից ֆինանսական հաշվետվությունները տալիս են Հիմնադրամի՝ 2022թ. դեկտեմբերի 31-ի դրությամբ ֆինանսական վիճակի և նույն ամսաթվին ավարտված տարվա ֆինանսական արդյունքների ու դրամական հոսքերի ճշմարիտ և իրական պատկերը՝ համաձայն Ֆինանսական հաշվետվությունների միջազգային ստանդարտների (ՖՀՄՍ-ներ):

### Կարծիքի հիմք

Մենք աուդիտի անցկացրել ենք աուդիտի միջազգային ստանդարտներին (ԱՄՍ-ներ) համապատասխան: Այդ ստանդարտներից բխող մեր պատասխանատվությունը լրացուցիչ նկարագրված է մեր եզրակացության՝ «Աուդիտորի պատասխանատվությունը ֆինանսական հաշվետվությունների աուդիտի համար» բաժնում: Մենք անկախ ենք Հիմնադրամից՝ համաձայն Հաշվապահների էթիկայի միջազգային ստանդարտների խորհրդի կողմից հրապարակված «Չրոֆեսիոնալ հաշվապահի էթիկայի կանոնագրքի» (ՀԵՄՍ կանոնագիրք) և էթիկայի համապատասխան պահանջների, որոնք կիրառելի են ֆինանսական հաշվետվությունների մեր աուդիտի նկատմամբ Հայաստանի Հանրապետությունում, և կատարել ենք էթիկայի գծով մեր այլ պարտականությունները՝ էթիկայի նշված պահանջների համաձայն: Մենք համոզված ենք, որ մեր կողմից ձեռք բերված աուդիտորական ապացույցները բավարար և համապատասխան հիմք են հանդիսանում մեր կարծիքի արտահայտելու համար:

*Ղեկավարության և կառավարման օգակներում գտնվող անձանց պատասխանատվությունը ֆինանսական հաշվետվությունների համար*

Ղեկավարությունը պատասխանատու է ՖՀՄՄ-ների համաձայն ֆինանսական հաշվետվությունների պատրաստման և ճշմարիտ ներկայացման և այնպիսի ներքին հսկողության համար, որն ըստ ղեկավարության, աներաժեշտ է խարախության կամ սխալի հետևանքով էական խեղաթյուրումներից զերծ ֆինանսական հաշվետվությունների պատրաստումն ապահովելու համար:

Ֆինանսական հաշվետվությունները պատրաստելիս ղեկավարությունը պատասխանատու է Հիմնադրամի՝ անընդհատ գործելու, կարողությունը գնահատելու համար, համապատասխան ղեպերում անընդհատության հետ կապված հարցերը բացահայտելու և Հիմնադրամի գործունեության անընդհատության ենթադրության հիման վրա հաշվետվությունները պատրաստելու համար, բացառությամբ այն ղեպերի, երբ ղեկավարությունը մտադիր է լուծարել Հիմնադրամը, ընդհատել դրա գործունեությունը կամ, երբ չունի այդպես չվարվելու որևէ իրատեսական այլընտրանք:

Կառավարման օգակներում գտնվող անձի պատասխանատու է Հիմնադրամի ֆինանսական հաշվետվողականության գործընթացի վերահսկման համար:

*Աուդիտորի պատասխանատվությունը ֆինանսական հաշվետվությունների աուդիտի համար*

Մեր կատարյալ է ձեռք բերել ողջամիտ հավաստիացում առ այն, որ ֆինանսական հաշվետվությունները բոլոր էական առումներով զերծ են էական խեղաթյուրումներից՝ անկախ դրանց խարախության կամ սխալի հետևանքով առաջացման հանգամանքից, և ներկայացնել մեր կարծիքը ենթադր աուդիտորական եզրակացություն: Ողջամիտ հավաստիացումը բարձր մակարդակի հավաստիացում է, բայց այն չի երաշխավորում, որ ԱՄՄ-ներին համապատասխան իրականացված աուդիտը միշտ կհայտնաբերի էական խեղաթյուրումներ, երբ այն առկա է: Խեղաթյուրումները կարող են առաջանալ խարախության կամ սխալի արդյունքում և համարվում են էական, երբ խելամտորեն կարող է ակնկալվել, որ դրանք առանձին կամ միասին վերցրած կազմեն օգտագործողների այդ ֆինանսական հաշվետվությունների հիման վրա կայացվող տնտեսական որոշումների վրա:

Որպես ԱՄՄ-ների համապատասխան աուդիտի մաս, աուդիտի ողջ ընթացքում մենք կիրառում ենք մասնագիտական դաշտություն և պահպանում ենք մասնագիտական կանխամտություն: Ի լրումն՝

- Որոշակիացնում և գնահատում ենք խարախության կամ սխալի հետևանքով ֆինանսական հաշվետվությունների էական խեղաթյուրման ռիսկերը, նախագծում և իրականացնում ենք աուդիտորական ընթացակարգեր այդ ռիսկերին արձագանքելու նպատակով, և ձեռք ենք բերում աուդիտորական ապացույցներ, որոնք բավարար ու համապատասխան հիմք են հանդիսանում մեր կարծիքի համար: Խարախության պատճառով առաջացած էական խեղաթյուրման չնայտաբերման ռիսկն ավելի բարձր է, քան սխալի հետևանքով էական խեղաթյուրման չնայտաբերման ռիսկը, քանի որ խարախությունը կարող է ներառել հանցավոր համաձայնություն, զեղծարարություն, միտումնավոր բացթողումներ, սխալ ներկայացումներ կամ ներքին հսկողության չարաշահում:
- Ձեռք ենք բերում պատկերացում աուդիտին վերաբերող ներքին հսկողության մասին՝ սովորական անհրաժեշտ համապատասխան աուդիտորական ընթացակարգեր

Նախագծելու, այլ ոչ թե Հիմնադրամի ներքին հսկողության արդյունավետության վերաբերյալ կարծիք արտահայտելու համար:

- Գնահատում ենք հաշվապահական հաշվառման կիրառված քաղաքականության տեղին լինելը, ինչպես նաև ղեկավարության կողմից կատարած հաշվապահական հաշվառման գնահատումների և համապատասխան բացահայտումների ողջամտությունը:
- Եզրահանգումներ ենք կատարում ղեկավարության կողմից հաշվապահական հաշվառման անընդհատության հիմունքի կիրառման տեղին լինելու վերաբերյալ և, հիմնվելով ձեռք բերված աուդիտորական ապացույցների վրա, գնահատում ենք արդյոք առկա է դեպքերի կամ հանգամանքների հետ կապված էական անորոշություն, որը կարող է նշանակալի կամ կարևոր հարուցել Հիմնադրամի անընդհատ գործելու կարողության վերաբերյալ: Եթե մենք եզրահանգում ենք, որ առկա է էական անորոշություն, ապա մեզանից պահանջվում է աուդիտորի եզրակացությունում ուշադրություն հրավիրել ֆինանսական հաշվետվությունների համապատասխան բացահայտումներին, կամ, եթե այդպիսի բացահայտումները բավարար չեն, ձևափոխել մեր կարծիքը: Մեր եզրահանգումները հիմնված են միևնույն մեր եզրակացության ամօտարիվ ձեռք բերված աուդիտորական ապացույցների վրա: Այնուամենայնիվ, ապագա ղեպերը կամ իրավիճակները կարող են ստիպել Հիմնադրամին դադարեցնել անընդհատության հիմունքի կիրառումը:
- Գնահատում ենք ֆինանսական հաշվետվությունների ընդհանուր ներկայացումը, կառուցվածքը և բովանդակությունը, ներառյալ բացահայտումները, ինչպես նաև ֆինանսական հաշվետվությունների հիմքում ընկած գործարքների ու ղեպերի ճշմարիտ ներկայացումը:

Կառավարման օգակներում գտնվող անձանց, ի թիվս այլ հարցերի, հաղորդակցում ենք աուդիտորական առաջադրանքի պլանավորված շրջանակի և ժամկետների, ինչպես նաև աուդիտի ընթացքում հայտնաբերված նշանակալի հարցերի, ներառյալ ներքին հսկողության վերաբերող նշանակալի թերությունների մասին:

Արմեն Հովհաննիսյան  
Տնօրեն

Կարինե Աճմյան, FCCA  
Աուդիտի պատասխանատու



30 հունիսի 2023թ.

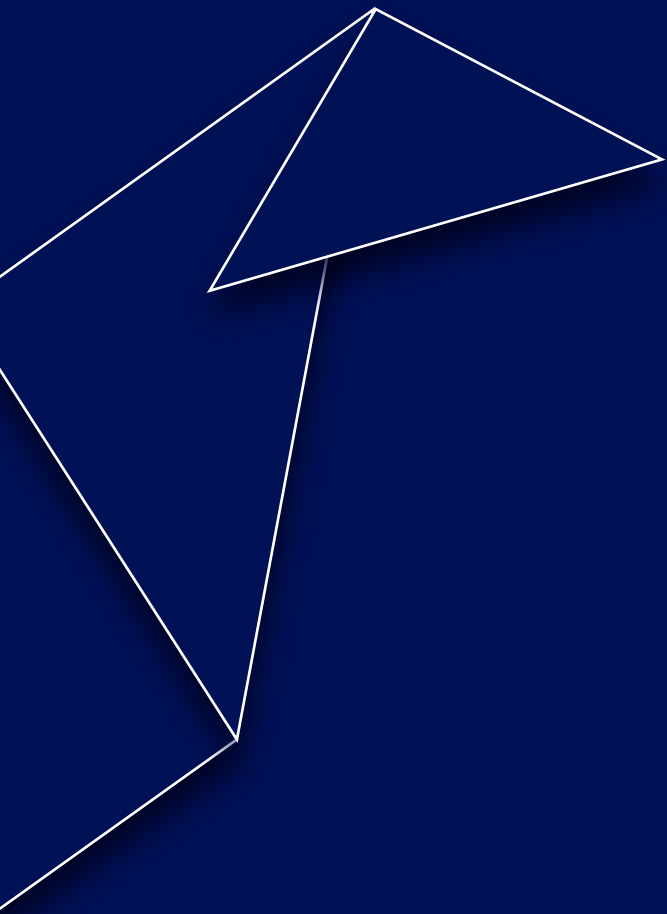
#ourvalues

# TRUST

Public trust in the activities of the Foundation, team trust in their own mission and goals, and a culture of mutual trust among teammates



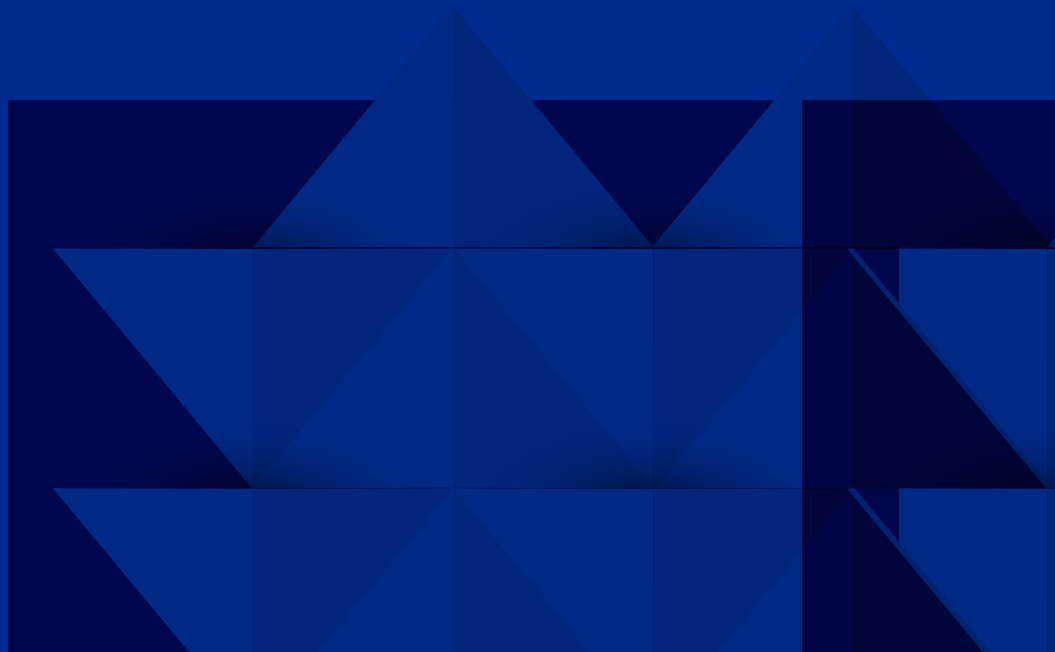






**BENEFACTORS  
AND PARTNERS**

Our large community of supporters every year confirms its readiness and responsibility to invest and bring a new quality of education to our country. Each support inspires us and continues to have a huge impact on all the beneficiaries of our programs in Armenia, Artsakh and the Diaspora.



# Uniting Around the Idea of Education

In 2022,

**183** donations

were made for the development  
and programs of the Foundation

## PRIVATE



**161**  
donations




Individual  
**117**  
benefactors

## CORPORATE



**22**  
donations



**Together we give the  
new generation a future**

# Individual Donors

Alexandra Smirnova | Alexey Kinyov | Alisa Hovhannisyan | Anahid Kevork Janalbashian  
Anahit Harutyunyan | Anzhela Baltayan | Ani Sargsyan | Anna Haytayan | Anton Kirillov  
Anush Minasyan | Aram Pakhchanyan | Arman Avetisyan | Arman Darbinyan | Arman Harutyunyan  
Armen Arakelyan | Armen Orujyan | Armine Gasparyan | Armine Ghazaryan | Armine Hayrapetyan  
Armine Kirakosyan | Arpine Kirakosyan | Arsen Galstyan | Arsen Ghazaryan | Artak Hovhannisyan  
Artavazd Minasyan | Artavazd Minasyan | Artur Janibekyan | Ashot Mkrtychyan | Ashot Poghosyan  
Astghik Kharatyan | Davit Iskandaryan | Davit Manukyan | David Pakhchanyan | Davit Sahakyan  
David Yang | David Zohrabyan | Diana Paranyan | Dmitry Shamenkov | Dmitry Volkov  
Ellada Gabrielyan | Emma Grigoryan | Fr. Mesrop Aramian | Gayane Aramyan | Gayane Dolukhanyan  
Gayane Khachatryan | Gnel Nazanyan | Goharik Hovhannisyan | Gohar Petrosyan | Gor Ghazaryan  
Gor Ghazaryan | Hagop Momjian | Hasmik Sahakyan | Haykaz Fanyan | Heghine Aleksanyan  
Hmayak Danielyan | Hovik Vardanyan | Igor Khalatyan | Inga Torosyan | Karen Gevorgyan  
Karine Simonyan | Karo Sargsyan | Kharen Musaelian | Knarik Galstyan | Knarik Jalatyan  
Lilit Hambardzumyan | Lilit Mheryan | Lilit Sanahyan | Lilit Shahnazaryan | Manana Tarposhyan  
Marine Kirakosyan | Martin Minasyan | Meri Petrosyan | Mher Terteryan | Mike Yan  
Mikhail Monakhov | Naira Margaryan | Narek Gabrielyan | Narek Khlghatyan | Narek Khachatryan  
Narek Manukyan | Narine Ghazaryan | Natalia Komisarova | Nazareth and Nila Festekjian  
Nvard Arakelyan | Olga Arefieva | Peter Ghazaryan | Raffi Festekjian | Rimma Poghosyan  
Ruben Harutyunyan | Ruzanna Mayilyan | Sargis Badalyan | Sedrak Kocharyan | Sergey Kuznetsov  
Sharmagh Sakunts | Shushanik Basmajyan | Shushan Poghosyan | Silva and Yevgeny Yang  
Sinan Sinanyan | Sofia Mnjoyan | Sona Asatryan | Sona Koshetsyan | Sparik Hayrapetyan  
Tatev Adamyan | Tatevik Arakelyan | Tigran Buniatyan | Tigran Harutyunyan | Tigran Mayilyan  
Vahe Amirbekyan | Vardan Babikyan | Vasily Burov | Wojciech Waniek  
Yekaterina Akhanova | Zaven Paul Akian

# **Donor Organizations**

▶ **Vardanyan Family Charity NGO**

▶ **Team Telecom**

▶ **Foundation Azad Ballard**

▶ **Arides LLC**

▶ **AGBU**

▶ **Profholod**

▶ **Zigzag**

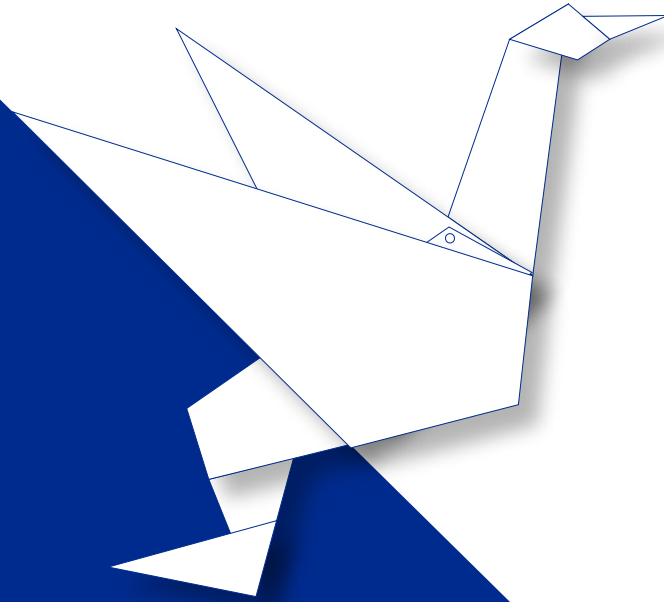
▶ **Tashir Group**

▶ **Barry**

▶ **Idram**

▶ **EPAM Systems**

# **The Importance and Scope of Your Donation**







Studies at Ayb School with 99% scholarship

## **Maria Ghukasyan**

Artsakh, Stepanakert

I like the atmosphere of Ayb the most. I always wanted to be a part with Ayb's value system, because from the very principles of Ayb to staff and students, Ayb teaches to be a useful part of the society and later become a tool for the development of our country. First of all, Ayb gives the opportunity to set more ambitious goals. If I wasn't in Ayb, I wouldn't have considered applying to the universities that I'm considering now. I also want to remain a part of the Ayb community in the future, be it in the form of teaching or in any other way. When we went to border villages as part of the Aybapatum project, I realized that for some period of my life I would like to teach, share my experience and be useful, as I realize that Ayb helps me the same way.



**Give the best education possible!**

# Ayb High School Scholarship Fund



Ayb High School is the first social program in RA non-governmental education sector. **76%** of students admitted to High School from all over Armenia, Artsakh and the Diaspora receive scholarships, getting the opportunity to have a better education in accordance with the 21st century.

Thanks to donations made by private donors and organizations, no student admitted to the school is deprived of the opportunity to study here for financial reasons.

In 2022, the Ayb Educational Foundation transferred

**AMD 81 378 263.79**

to Ayb High School Scholarship Fund.

**123 out of 162**

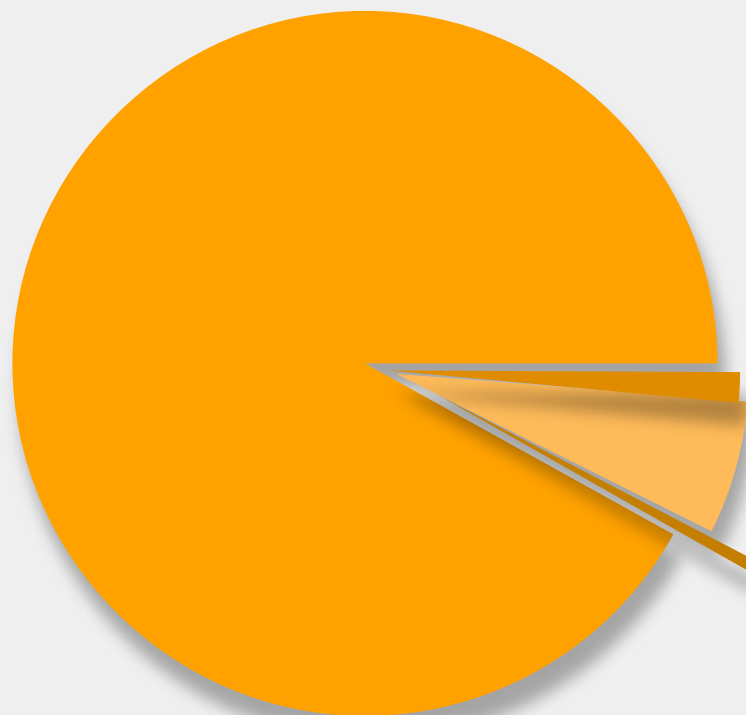
Ayb High School students received  
a partial or full refund of tuition  
fees.





# Scholarship Sources

**Contribution of Benefactors**  
AMD **74 972 489.79**



**Goodwill Dinner**  
AMD **1 100 000**

**Anniversary Fundraising**  
AMD **4 900 000**

**Aybarar**  
AMD **405 774**



# Join Us!

New Format

## Aybarar

The new monthly donation program provides the best education opportunity to all children from the Republic of Armenia and Artsakh, allowing to do that in a long-term way.



- **Give a chance!** More than 75% of Ayb High School students are able to study year by year thanks to receiving tuition reimbursement, scholarships.
- **Provide stability!** With a monthly donation you give the Foundation an opportunity to plan its fundraising, clearly visualizing the monthly flow of already involved money.
- **2022 results.** From October to December, 13 benefactors joined the Aybarar project, donating a total of AMD 405 774.



# Letters from Our Alumni



## Emilia Simonyan

As I'm writing this letter, I am sitting in Cambridge University's Central Library, digging into the topics of the notebook I filled while working with wild animals in South Africa. I got this opportunity at the age of 14, on the day I entered Ayb High School. Every year, unique young people from different cities and villages of Armenia and Artsakh discover Ayb and, like me, make it through the admission process at all costs to be able to grow within three years with the support of a community that values education.

Emilia's full letter here:



I am happy that I once had the opportunity to receive a world-class education and spend three important years of self-development in Ayb environment. I strongly wish that as many Armenian children as possible have this opportunity.

**Stefani Harutyunyan**

Stefani's full letter here:



If at my first steps in becoming an Aybian I were to answer the question of what is quality education, I would be happy to share how much I value gaining competitive knowledge and developing critical thinking, but I would have missed the key element, for the discovery of which I would have to struggle a lot in the next three years.

Now I realize that I have always needed two things: to serve people and to do it through chemistry.



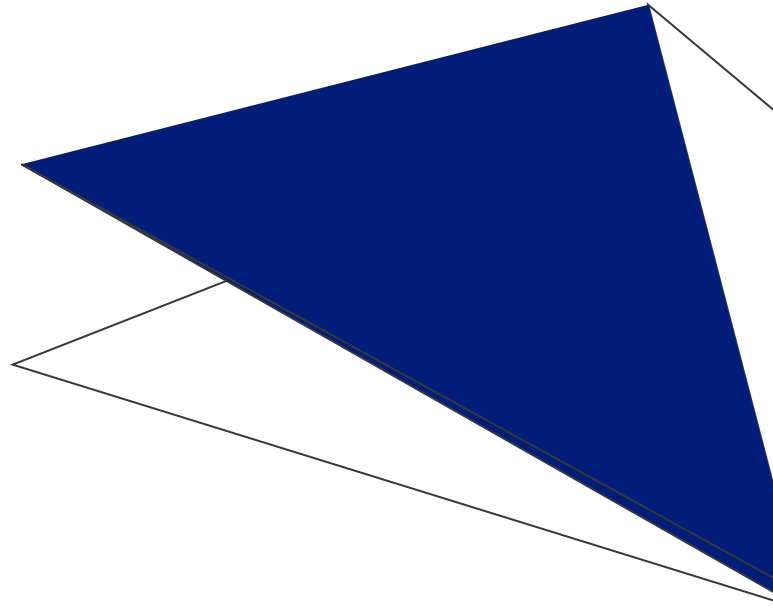
**Ilya Lalazaryan**

Ayb High School graduate

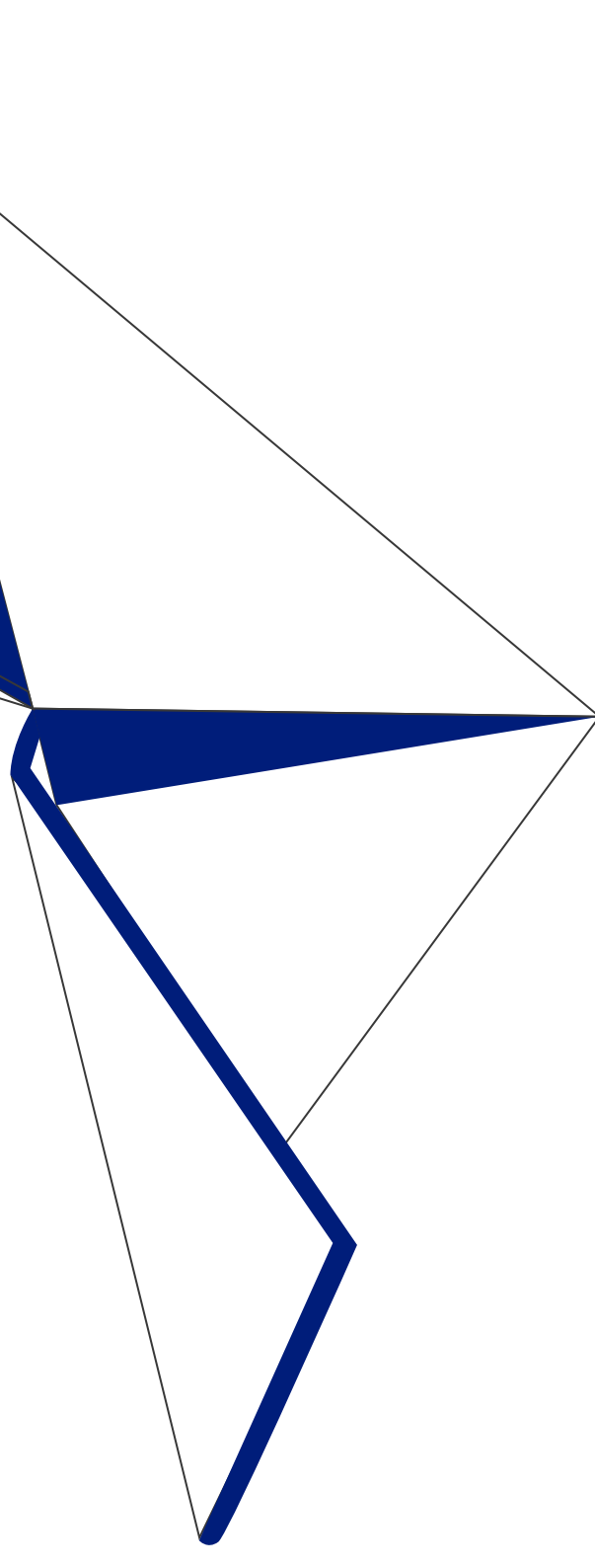
Ilya's full letter here:



# Goodwill Dinner



The project is an auction of charity dinners with famous, interesting and successful people, the funds raised from which go to Ayb School Scholarship Fund.



# **Auctions and Our Results in 2022**

**Guests**

**9 persons**

**Hosts**

**6 restaurants**

**Donations**

**AMD 1 100 000**

# Our Guests

## **Irina Dumanyan**

CEO of Siemens Industry Software CJSC, AmCham Board Member

## **Varoujan Avedikian**

Financial and Corporate Attorney, Managing Partner at TK & Partners law firm

## **Hasmik Papyan**

Soprano, opera singer, People's Artist of Armenia

## **Tigran Jrbashyan**

Director of Ameria Management Advisory Services





**Anna Mazmanyán**

Deputy Environment Minister of the RA

**Kristine Sargsyan**

Co-founder of TEDxYerevan, author of the book  
Pilgrimage to the Brain

**Sergey Tantushyan**

Business and communication adviser

**Pyotr Nemoy**

Film director, sage of the 301 Country of Wisdom  
Foundation

**Irina Seylanyan**

Chief Executive Officer at HSBC Bank Armenia

**Thanks to two donors who won the Goodwill Dinner charity auction—Armen Orujyan, founding CEO of the Foundation for Armenian Science and Technology (FAST), and Arman Harutyunyan, director at VAK Group—seven Ayb High School female students interested in banking got the opportunity to have dinner with Irina Seylanyan, CEO of HSBC Armenia.**





# Anniversary Fundraising



**In 2022,**

the following loyal benefactors and founders of the Foundation dedicated their anniversaries to Ayb's development:

- **Aram Pakhchanyan,**
- **David Yang,**
- **Fr. Mesrop Aramian**

**AMD 9 365 382**

**was collected**

# Collaboration and Partnership

Together with partners and supporters Ayb strives to:

- create a world-class competitive and quality educational system in Armenia;
- build stronger and closer ties with international, local and regional communities;
- maximize the overall benefit and use from Ayb's educational, scientific and cultural programs and opportunities for the public.





# Partnership

2022 was a year full of new and strategic partnerships for Ayb, expanding access to education and creating a favorable environment for self-education.



**World Bank**



**RA MoESCS**



**UNPF Armenia**



**UNDP Armenia**



**UN Armenia**



**People in Need NGO**



**UNICEF Armenia**



**NEF Belgium**



**Rosatom Corporate Academy**



**STARMUS VI global festival**

# **Pro Bono Partners**


**Exchange of knowledge, experience, resources and taking joint responsibility for public good**

**Ayb continues to be an advocate of pro bono partnerships and collaborate with like-minded individuals, commercial and non-commercial organizations to create and disseminate best educational opportunities in the Armenian language.**

- ▶ **Yeremyan Academy**
- ▶ **Yerevan Mall**
- ▶ **Yerevan Municipality**
- ▶ **Zangak Bookstore**
- ▶ **Zangak Publishing House**
- ▶ **Zigzag**
- ▶ **EPAM Systems**
- ▶ **Epigraph**
- ▶ **Indigo Branding Agency**
- ▶ **Lentex**
- ▶ **Coca-Cola Hellenic Bottling Company**
- ▶ **Armenia Tree Project**
- ▶ **Mane Tiles**
- ▶ **Machanents Guest House**
- ▶ **Mega Toys**
- ▶ **Nairian**
- ▶ **Captain Kid's Treasure Island**
- ▶ **Voskevaz Winery**
- ▶ **Jur-Jur**
- ▶ **Jellyfish**
- ▶ **CET**

- ▶ **Little Einstein**
- ▶ **Organics**
- ▶ **Office of the Financial System Mediator**
- ▶ **Breavis**
- ▶ **Double Tree by Hilton Yerevan City Center Hotel**
- ▶ **Honey.am**
- ▶ **Microsoft Innovation Center Armenia**
- ▶ **The Global Environment Facility (UNDP)**
- ▶ **MBC**



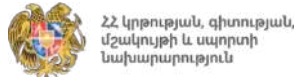
- 
- ▲ Dargett
  - ▲ Krisp
  - ▲ Girls in Tech Armenia
  - ▲ Doping Creative Agency
  - ▲ PicsArt
  - ▲ Project Management Advisory
  - ▲ Startup Armenia Foundation
  - ▲ SoloLearn
  - ▲ Quick Start

# Sponsors

The sponsors of our programs make an important contribution to the continuity, development and involvement of more beneficiaries in Ayb's initiatives. We believe that sponsorship and the culture of investing in education have contributed to the fact that we have a faith in the future and its prospects and set big dreams and goals for ourselves.

- **Telcell**
- **Team Telecom Armenia**
- **Idram Payment System**
- **Profholod**
- **GNC-ALFA**
- **Renderforest**
- **CET**
- **Solaron**
- **Tigran Buniatyan**

# THANK YOU !



**Thanks to your support, children get the opportunity to acquire and develop their knowledge and practical skills on prestigious local and global platforms, building potential for mastering career skills for future professions and for discovering new things.**

**Give a chance for a better future!**



# Community and Management

People who are united around the Ayb idea consider their achievements the result of education and strive with joint investments to create systems that would provide best education in Armenia.

# Foundation's Management

The Foundation is governed by a Board of Trustees.

Here are our Board members:

## Aram Pakhchanyan

- Chairman of the Board of the Ayb Educational Foundation
- Vice President at ABBYY
- President of One Voice, Armenian Association of Independent Schools



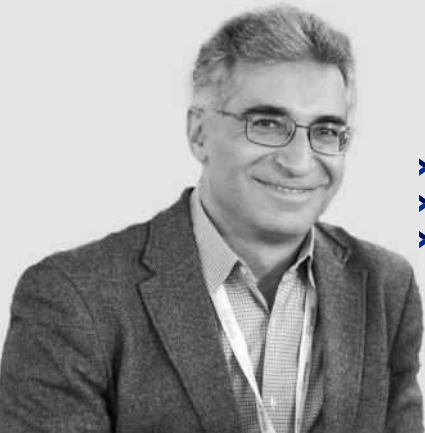
## Arthur Berd

- Board member of the Ayb Educational Foundation
- Founder and CEO of General Quantitative
- Stanford University Ph.D., businessman



## Artak Hovhannisyan

- Board member of the Ayb Educational Foundation
- Business Development Director at EPAM (Lithuania)
- Candidate of Economic Sciences



## David Yang

- › Board member of the Ayb Educational Foundation
- › Co-founder of ABBYY, iiko, Yva.ai
- › Proponent of artificial intelligence



## Kharen Musaelian

- › Board member of the Ayb Educational Foundation
- › Investment and risk management expert
- › President/CIO and Co-Founder of Duality Group



## Karo Sargsyan

- › Board member of the Ayb Educational Foundation
- › Founder of Spetstorg
- › Businessman





# Tigran Harutyunyan

- › Board member of the Ayb Educational Foundation
- › Board member of Yeraz Charitable Foundation
- › Founder and CEO of Mikshin



The executive director of the Foundation is the head of its executive body and is elected by the BOT. She ensures the Foundation's activities in accordance with the approved strategic plan and goals.

# Sona Koshetsyan

- › Executive Director of the Foundation



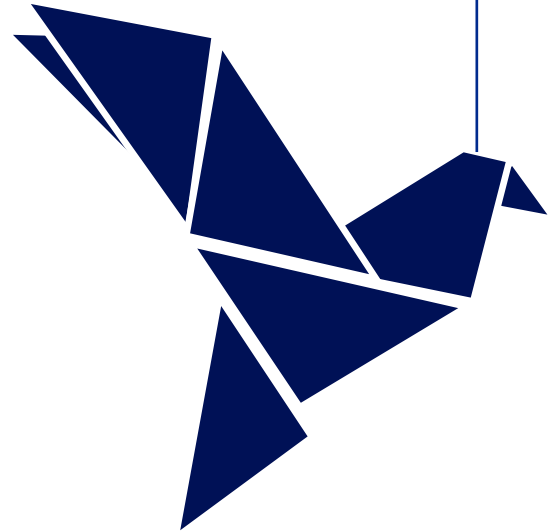



# **Values and Culture**

Ayb unites people who comprehend the importance of education in each person's life and who desire to create a multifaceted and high-quality educational environment.

# Identity and Values

Series of ideological discussions





The “Identity and Values” program is about worldview issues. The discussions aim to promote ideological thinking, form a community-building culture and develop a dialogue on values.

The main topics are individual and collective identity, theory of knowledge and axiology, around which we have united prominent thought leaders from Armenia and abroad.

Thanks to the partnership with Armenia TV, the program is broadcast on television and becomes not only a community platform but also a platform for dialogue with the public.









# #1

## Knowledge



### Speakers

- **Kharen Musaelian**  
Financial markets and technology expert, founding chairman of Duality Group
- **David Yang**  
Founder of ABBYY, iiko, Yva.ai and co-founder of Ayb
- **Fr. Mesrop Aramian**  
Priest of the Armenian Apostolic Church, theologian, co-founder of Ayb

# #2

## Truth



### Speakers

- **Aram Pakhchanyan**  
Co-founder and BOT chairman of the Ayb Educational Foundation
- **Manuk Hergnyan**  
Co-founder of Granatus Ventures, philanthropist

# #3

## Values



### Speakers

- **Arsen Galstyan**  
BOT member of Ayb School, CEO of Tashir MEDICA
- **Ruben Arutyunyan**  
BOT chairman of Ayb School, founder and CEO of HENDERSON Fashion Group

## #4 The Good



### Speakers

- **Grigor Hovhannissian**  
Former ambassador of Armenia to USA
- **Artavazd Minasyan**  
Co-founder of the Krisp and 10Web startups,  
BOT member of Ayb School

## #5 Leadership



### Speakers

- **David Yang**  
Founder of ABBYY, iiko, Yva.ai and co-founder of Ayb
- **Noubar Afeyan**  
Founder and CEO of Flagship Pioneering, co-founder and board chairman of Moderna
- **Tigran Harutyunyan**  
Founder and president of Mikshin, BOT member of Ayb School

# #6

## Peculiarities of Armenian Identity



### Speakers

- **Mher Navoyan**  
Chairman of the Scientific Council of the Komitas Museum-Institute, RA honored worker of art
- **Arsen Ghazaryan**  
President of the Union of Manufacturers and Businessmen of Armenia, general director of APAVEN LLC.

# #7

## The Future of Culture in the Technological Revolution Era



### Speakers

- **Dmitry Aksyonov**  
Chairman of the Board of Directors of Immaterial Future Association, CultTech proponent
- **David Yang**  
Founder of ABBYY, iiko, Yva.ai and co-founder of Ayb
- **Carmody Gray**  
Philosopher, assistant professor of Catholic theology at Durham University

# Community Days





**Aybian** have a good tradition of giving each other memorable days within the year. Our **Community Days** are full of vivid impressions, excitement and joy. **Community Day** is a chance to unite around our mission and values once again and continue our journey enriched with new thoughts and ideas.





THE UNKNOWN SOLDIER  
WHO DIED FOR HIS COUNTRY  
IN THE GREAT WAR  
1914-1918  
AND WHOSE NAME IS KNOWN  
TO GOD ALONE  
AND WHOSE GRAVE IS UNKNOWN  
TO MAN

אנוכי הלא ידוע  
שמת למען ארצו  
במלחמת העולם הראשונה  
1914-1918  
והשם שלו ידוע  
רק לאל  
והקבר שלו  
לא ידוע לאיש

Ο ΑΝΩΝΥΜΟΣ ΣΕΛΙΤΗΣ  
Ο ΟΠΟΙΟΣ ΠΑΡΗΓΑΓΕΝ  
ΓΙΑ ΤΗΝ ΠΑΤΡΙΔΑ  
ΕΝ ΤΗ ΜΕΓΑΛΗ ΜΑΧΗ  
ΤΗΣ ΕΛΛΑΔΟΣ  
ΑΠΟ ΤΟ 1914  
ΕΩΣ ΤΟ 1918  
Ο ΟΠΟΙΟΥΣ ΟΝΟΜΑ  
ΕΙΣΤΙΝ ΕΝΝΟΙΟΝ  
ΜΟΝΟ ΤΩ ΘΕΩ

אנוכי הלא ידוע  
שמת למען ארצו  
במלחמת העולם הראשונה  
1914-1918  
והשם שלו ידוע  
רק לאל  
והקבר שלו  
לא ידוע לאיש

# **An Established Tradition of Visiting Oshakan on the Holy Translators' Day**

In the 5th century, the Holy Translators took the lead in science, knowledge and civilizational achievements of that time, becoming a source of inspiration and laying the foundation for further movements enriching our language, culture and mind. Today Ayb continues that path of transforming through education.

## **The Holy Translators' Day traditionally brings together the Ayb community.**

Like every year, this time we also participated in the Holy Mass and had a conversation with young people about the impact of our programs in their lives and about the transformative role of education.



# **Formula for Success**

Real stories to inspire

Formula for Success is a platform for master classes by people whose greatest asset is their experience.



# Formula for Success 2022

This year the topic of Formula for Success was high technologies. We had two presentations explaining the application of scientific and technological ideas in the world and revealing the secrets of success to the Armenian audience.

## High-Tech: The Real and Exemplary

May 2, Philip Morris Scientific and Research Center

### The 5 Initials of Success

**The highest aspiration of a human should be serving others.**

**AI Eisaian**

Founder and CEO of IntelinAir

For more, click here:



# Artificial Intelligence as a Human's Equal Partner, Not as a Helper

May 12, Ayb School

**Will robots ever become part of the human family?**

**David Yang**

Founder of ABBYY group of companies

For more, click here:





#ourvalues

# **EXCELLENCE**

**Relentless pursuit of the best quality and perfect results, efficiency and integrity, self-improvement and continuous development**



**TEACHERS**



Training and continuous professional development of teachers is an integral part of Ayb's mission. As an organization with years of experience in education, we encourage education specialists in their desire to learn and grow for the benefit of our children's future.

**In 2022,**  
we allocated

**AMD 99 712 762.81**

to capacity building programs for teachers

# Ayb Academy

Ayb Academy has become the main link coordinating the Foundation's training, development and leadership programs and aims to:

create a common learning platform for specialists of the Republic of Armenia, Artsakh and the Diaspora;

promote the spread of innovative pedagogical ideas;

form a culture of learning from each other within the pedagogical community.



# Training in Numbers

## ➤ Introduction of the new state standards in Tavush (MoESCS, WB)

**680** teachers

**156** principals and deputy principals

**82** schools

## ➤ Adolescents for Climate Action in Communities (UNICEF)

**494** teachers

## ➤ Ayb system schools

**127** teachers

## ➤ Araratian Baccalaureate

**110** teachers

## ➤ Mandatory attestation

**27** teachers



Thanks to the trainings and mentoring meetings, we deepened our knowledge of teamwork, skill development, and particularly project planning and implementation. The most crucial knowledge I acquired is centered around studying the fundamental aspects of project work, comprehending and identifying significant community issues, defining them as problems, and effectively preparing project proposals. Project work with students is one of the tools that greatly promotes the development of a new, more instructive and educational approach in the field. In my opinion, it is the best recent reform in the field of education. I am extremely grateful to the project's organizers, sponsors and, of course, our mentors for such an opportunity as well as their continuous support and encouragement throughout the process.

**Tigran Hovsepyan**

Teacher at Darbas Secondary School,  
Syunik marz



**A Pilot Program for the Introduction of the  
New State Standard in General Education  
in Tavush**



In 2022, the pilot program for the introduction of the new state standard in general education in Tavush marz was concluded. It was financed by the EU and the World Bank as part of the European Union for Innovation initiative.

Within this program, Ayb carried out qualification trainings for school leadership and STEM teachers and provided them with constant mentoring support and teaching monitoring.

# The Program in Numbers

## ➤ Participants

**82** schools

## ➤ Pedagogical training

**680** schools

## ➤ Subject training

**773** teachers

## Subjects

**8**

Biology, chemistry, physics, science, geography, mathematics, I and the Environment, digital literacy and computer science

➤ **Mentoring meetings**

| **376**

➤ **Class observations by senior mentors**

| **435**

➤ **Class observations by local mentors**

| **147**

➤ **Participant principals and deputy principals**

| **156**

➤ **Focus group discussions**

| **23**

➤ **Meetings with principals**

| **25**

A black and white portrait of Lilit Grigoryan, a woman with dark hair, wearing a light-colored button-down shirt and a necklace. She is smiling slightly and looking towards the camera. The background is white with large, faint, light blue geometric shapes.

## **Lilit Grigoryan**

Mentor and teacher of math and computer technology at the school in Ayrum

Before the qualification trainings, the educational process in schools was conducted according to a teacher-oriented methodology, but with the new standards and subsequent trainings, the classes became more student-oriented.



**Mkhitar Arakelyan**

Principal of the school in Lchkadzor

This new assessment system, project-based learning and the introduction of new educational standards, in general, have a positive effect not only on students but also on parents. We believe this new format will be more effective in the near future.



The results of the program:



# **Khan Academy**

The localized Armenian version of Khan Academy has rich online educational content that compliments children's basic education. It enables teachers to track student's progress individually and fill in the gaps.

➤ **Teachers registered on Khan Academy platform**

| **11 393**

➤ **Teachers with the title of Ambassador Teacher**

| **21**

➤ **Teachers participated in platform trainings**

| **240**

#forteachers

## Workshops in Shirak, Lori and Kotayk Marzes

A large-scale program of workshops was conducted in three marzes of Armenia with the largest number of schools, students and teachers after Yerevan: Lori, Shirak and Kotayk.



The series of workshops, organized in conditions of the pandemic-induced restrictions and difficulties, aimed to expand the applicability of Khan Academy's free online educational resources in the Armenian language via enhancing a comprehensive and efficient use of the platform's opportunities and tools as well as modern methods of teaching and learning among teachers and students.

The initiative was carried out with the People in Need NGO as part of the Covid-19 Solidarity Program for Eastern Partnership funded by EU.



**150**

**middle and high school teachers  
underwent trainings as part of  
the program**

I enjoyed listening to the trainers and completing the assignments. One of the final topics was the flipped classroom method. Despite having attended several other classes on this topic, I would single out Ayb's format as a unique one. We've been using Khan Academy's platform in a hybrid format; the children are free to master their time while completing assignments, which, I believe, contributes to a more pleasant learning.

---

**Armine Hovhannisyan**

Teacher at Vanadzor Special School of Advanced Studies  
in Mathematics and Natural Sciences



# Workshops in Gegharkunik and Armavir Marzes







**Khan Academy Armenia carried out a series of free workshops for teachers and students from more than 50 schools in Gegharkunik and Armavir marzes.**



## Beneficiaries:

**2** marzes

**52** schools

**90** teachers

Participating in the series of free workshops of Khan Academy, teachers developed abilities to deliver subjects of natural science and mathematics in more interesting and effective ways as well as to provide students with consultation on career issues.

**The second component of the initiative allowed to enrich the Armenian-language platform of Khan Academy with new video lessons, making them available to the whole society.**

The initiative was implemented with the support of the STRIVE for a Better Future: Communities and Civil Society Resilience in Armenia (STRIVE) program co-financed by the European Union and implemented by NEF Belgium in partnership with the AGAT Center for the Protection of Rights of Women with Disabilities, BLEJAN Environmental, Social, Business Support NGO, Dilijan Youth Cooperation Center, and the Resource Center Foundation for Women's Development.

A black and white portrait of Marine Arakelyan, a woman with dark, wavy hair, wearing a light-colored button-down shirt. She is looking slightly to the left of the camera with a neutral expression. The background behind her is a plain, light color.

## **Marine Arakelyan**

Vardenis Basic School No. 2 and  
No. 4 and Akunk Middle School

Self-education helps to be organized and gain a vast store of knowledge. It is very necessary for both teachers and students. Armenian-language materials of Khan Academy are of great importance and role for self-education; they help to acquire new knowledge and strengthen existing ones.

Participating in Khan Academy's workshops, I made new acquaintances and, why not, friends, which is the most important thing. I enjoyed the students' participation and healthy competition and found a very good team.

# Development and Implementation of Career Orientation Methodology

The results of the development and introduction of a career guidance manual for STEM and arts teachers were summed up.

The methodology developed during the project was presented to the STEM and arts teachers of Dilijan High School and Yerevan No. 108 Secondary School to support students interested in these fields to solve their career orientation issues.

Based on the probation period, a set of recommendations on effective introduction was designed for schools applying the methods.

The manual was created as part of the Covid-19 Solidarity Program for Eastern Partnership carried out by the People in Need NGO.





# Capacity Building Program for Teachers

In December 2022, the Ayb Educational Foundation, in cooperation with UNICEF Armenia, started the implementation of a capacity building program for teachers as part of the Adolescents for Climate Action program funded by the Austrian Development Agency.





**The program will empower teachers of grades 7-11 from 33 enlarged communities of Tavush, Syunik, Gegharkunik, Lori, Shirak and Vayots Dzor to:**

- ▶ fully master the content and sequence of project-based learning, which will become one of the main components of a teacher's work from 2023;
- ▶ under the guidance of experienced mentors, apply the acquired knowledge in practice and master the planning of the project-based work;
- ▶ participate in an inter-community competition and, in case of winning, receive support for implementation of the project.

**The program will be concluded in 2023.**



#ourvalues

# **CREATIVITY**

Constantly striving to create something new and transform the reality, building a culture of innovation



# Learners

Adhering to its vision of making the best education available to everyone, the Foundation continues to create new educational environments for students in the Republic of Armenia, Artsakh and the Diaspora. The goal is one—to spread the light of education among thousands of students.

**In 2022 alone,**

we allocated

AMD **413 171 410.92**

to programs for learners



# Competitions

Over the course of 15 years, we have successfully integrated education with captivating entertainment. Ayb's mass and team competitions not only offer students exciting gaming experiences but also play a significant role in enhancing their knowledge, guiding them in career choices, fostering a scientific mindset, and developing their skills in their chosen fields.

**747 313**

The result of the learners' participation from  
RA, Artsakh and Diaspora within  
**15 years**

The number of learners in Ayb's mass  
competitions since their inception:

**Kangaroo: 441 892**

**Meghu–Armenian  
for Everyone: 227 236**

**Russian Bear Cub–Linguistics  
for Everyone: 76 229**



# Meghu–Armenian for Everyone 2022

Let's play in Armenian

Meghu–Armenian for Everyone is an Armenian language game-competition designed for all students in grades 3-12 from RA, Artsakh and the Diaspora.

➤ **4340** registered participants

➤ **98** subscribed schools

(from all marzes of Armenia and Artsakh)

**In 2022, for the first time the competition had a new subscription model for schools, allowing a significant increase in the number of registered schools for the competition.**

A black and white portrait of Gohar Mirzoyan, a woman with long dark hair, looking directly at the camera. The portrait is partially overlaid by a blue rectangular box.

**Gohar Mirzoyan**

Deputy director for educational work at Darbas Secondary School, organizer of the Meghu—Armenian for Everyone competition

The subscription model gives the opportunity to include all our school students in the competition. Now all children, regardless of their academic level, can participate without any concern or feeling bad. When there is no financial factor, all children want to participate.

## **Main Partners and Sponsors of the Competition:**

➤ **Yerevan Mall**

➤ **IDram**

➤ **Lentex**

➤ **Viber**





# Kangaroo 2022

Children's mathematical movement

The Kangaroo international competition fosters love for mathematics and logic. This competition has evolved into a children's math movement, eagerly anticipated by many each year.

 **5600** registered participants



## Aren Mkhitarian

Kangaroo's winner

Currently studies in Europe

For a long time, I had been undecided about my future profession, but in the end I decided to study artificial intelligence, as it is one of the fastest growing fields. My love for mathematics, the most important subject for my future profession, was also formed as a result of participating in Kangaroo.

## **Main partners and sponsors of the competition:**

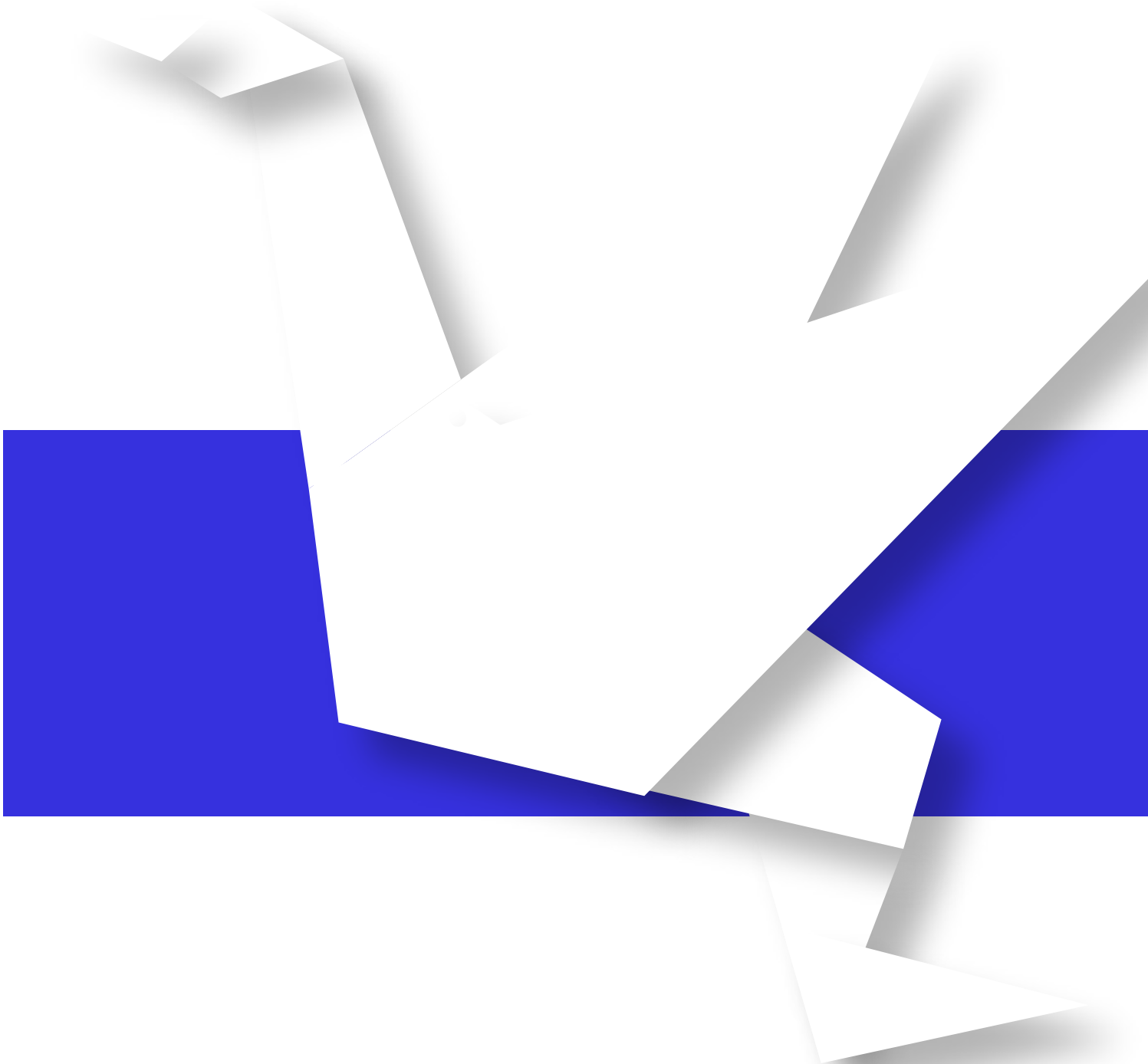
- **Telcell**
- **Yerevan Mall**
- **Lentex**



# Russian Bear Cub–Linguistics for Everyone 2022

The Russian Bear Cub is a Russian language contest and is considered the “younger brother” of the Kangaroo international math contest. The Ayb Educational Foundation is the exclusive organizer of the Russian Bear Cub–Linguistics for All international contest in Armenia (since 2010) and in Artsakh (since 2011).

 **1465** registered participants



## Team Contests

**Tournament of Young Chemists**  
**311 teams, 1507 students**

2009-2022

**Undergraduate tournaments**  
**14 teams, 65 students**

2020-2022

**World Robot Olympiad**  
**92 teams, 264 participants**

2016-2022

**LegoStart**  
**40 teams, 120 participants**

2021-2022

# World Robot Olympiad 2022

Create a robot, change the world!

Since 2016, the competition has provided students aged 8-19 with the opportunity to create and operate various robots that are internationally competitive and solve a wide range of vital problems. Ayb is the official organizer of the national competition in Armenia.

## Participants of 2022

➤ **17** teams

➤ **51** learners



This year, Kapan's Gittun team, having won the Armenian competition, had the opportunity to represent Armenia in Germany.

**Tigran**, the youngest participant of Kapan's Gittun 1 team, commenced its path in Ayb's robotics competitions with LegoStart 2021.

Ever since I was little, when I saw robots on TV, I dreamed I would one day create a robot myself. Among the various aspects of robot design, I find the process of developing novel mechanisms and incorporating details to be particularly enthralling. I also have a deep love for football. I want to create robots that play football as a team in the future. My dream is to participate in the international stage of WRO alongside my friends.







## Competition's main partners and sponsors:

- ▶ Rostelecom Armenia
- ▶ Zigzag
- ▶ CET

We are also grateful to the individual benefactors who made it possible for the winner of the national stage of WRO to represent Armenia at the international stage held in Dortmund, Germany.



# LegoStart 2022

Building robots with legos

This game-competition makes robotics accessible to more children, giving novice teams the opportunity to gain experience and then compete in the World Robot Olympiad. It brings great joy to acknowledge that the majority of participants are from marzes.

Record number of participants in 2022:

➤ **29** teams

➤ **87** learners



## **Winners according to age groups:**

- **WeDo (5-7) Whiz Aesculapius**
- **Elementary (8-12) GDL**
- **Junior (12-15) Best Trio**
- **Senior (15-19) Roboticner**



## **Competition's main partners and sponsors:**

- Rostelecom Armenia
- Zigzag
- CET

# Tournament of Young Chemists 2022

Since 2010, we have organized the Tournament of Young Chemists intended for 9th-12th graders. During the tournament, the chemistry lovers solve advanced chemistry problems, debate over science topics and present the results of their researches. It is in this tournament that young scientists come together as a team to tackle questions that may currently lack solutions.

This year, the competition was filled with an electrifying atmosphere. The jury consisted of former participants and individuals with a keen interest in this field.



**Participants:**

➤ **12** teams

➤ **60** learners



**Davit Hakobyan**

Best Opponent (Heratsi)

We learn to be able to create. We create to learn.



# Blitz: Played by the Tournament's Participants



Blitz with participants 1

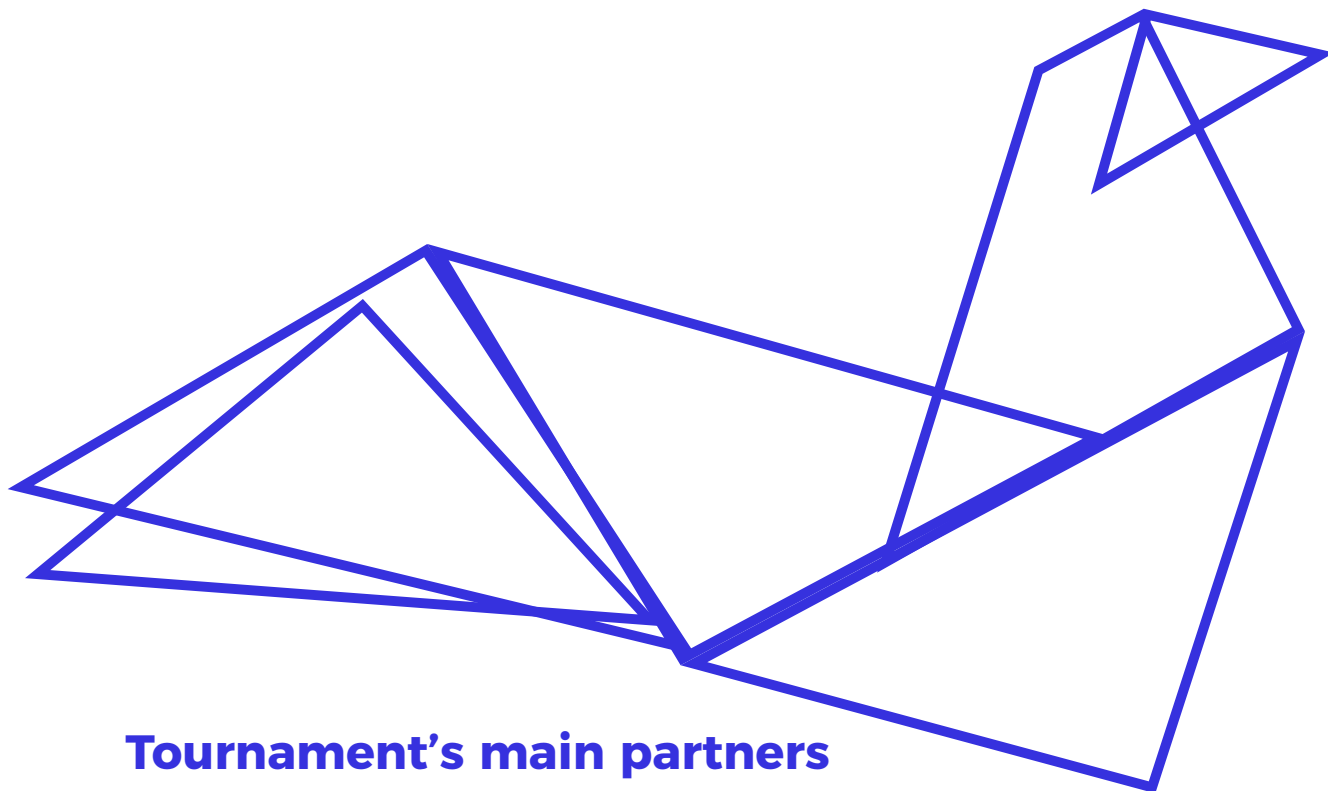


Blitz with participants 2



Blitz with jury members





**Tournament's main partners  
and sponsors:**

- Solaraon
- ProfHolod

# The Undergraduate Tournament of Natural Science

The competition is one of the best platforms to connect learners with the best employers in the field.

The goal of the Undergraduate Tournament of Natural Science is to unite Armenian youth around science and increase their interest in scientific activities. This year, the tournament brought together more than 40 different specialists from Armenia and the USA.

## Participants:



**4** teams



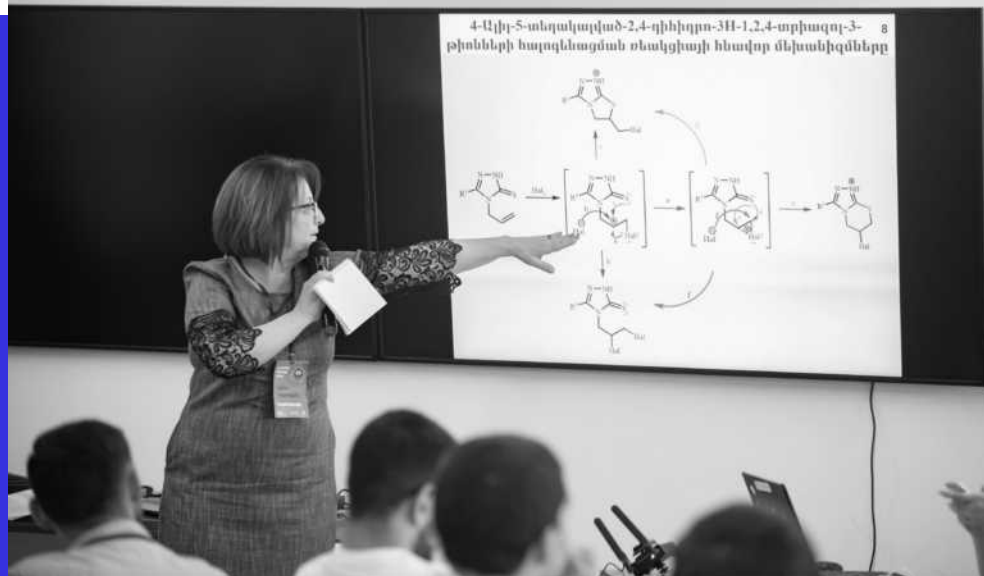
**20** learners





## Nina Hobosyan

Coordinator of Ayb's  
Contests Department



## The long-awaited dream finally becomes a reality

The scientific battles in this tournament evoke an indescribable sense of enthusiasm, joy and respect toward the participants. Although this battle with the jury members was spontaneous, I am very glad that I have finally realized my dream of participating in this format of game play. I would also like to try myself as a reporter. It brings forth an entirely different level of excitement when you are the one being asked numerous questions.

## Tournament's partner and sponsor:

► Philip Morris R&D Center

#for Learners

# Khan Academy

Free online world-quality education accessible to everyone and everywhere

## The Program in Numbers

The platform has:



**11 500** videos



**507 200** views (in 2022)



**696 800** visitors (in 2022)



**39 707** learners



**4 365** parents

## Localization in 2022

➤ **100** natural science and math videos

➤ **60 000** words

**The localization program exceeded  
the annual threshold by about**

**17.5 percent**

I have started accumulating points since February and used this experience not only to win the competition but also to prepare for the exams.

Khan Academy was very convenient for revising the previous materials and filling knowledge gaps. Sometimes I went ahead and explored the materials designed for the 12th grade, with a particular focus on the geometry section.

Although I plan to continue my education in economics and mostly needed the mathematics section, I also studied art. The materials on the repair of canvases were especially interesting. I also used the entrepreneurship section, listening to Tchaikovsky's music all that time.



**Svetlana Tadevosyan** is an 11th grader at Hrazdan High School No. 1 named after Kh. Abovyan. She scored 3 649 816 points on Khan Academy, showing the third highest result among the 5th-12th graders in our competition from Kotayk marz.



**Mari Gharibyan**, from Gegharkunik marz's Vardenis Basic School No. 4, set a record by collecting 10 000 000 points as part of the STRIVE for a Better Future: Communities and Civil Society Resilience in Armenia (STRIVE) program.

Khan Academy helps improve knowledge, revise what has been learned, get new acquaintances, and feel healthy competitiveness.





In the summer vacation of 2022, with the purpose of presenting the platform's potential, the Khan Academy team visited:

➤ **9** centers,

➤ **16** schools.



**1200**

**students**

got acquainted with  
the platform

Khan Academy's platform can significantly change the attitude toward any subject. Marta and Rimma are well aware of that. They love mathematics and prepare for school lessons through Khan Academy's platform.







## Rimma

I have been using the platform for about two years. Learning with Khan Academy is easy, as everything is explained with very understandable and straightforward examples. Engaging in individual study helps to relax and understand topics you are interested in, without relying on external assistance or guidance from others. When necessary, you can use the hints or clues and figure the problems out yourself. I came across the platform while searching the Internet for tests I needed.

## Marta

I want to become a programmer and for that purpose I practice math every day. I often use Khan Academy whenever I come across something challenging or need to refresh my memory. I know you can get points for doing each assignment, but I don't care about that. What matters to me is grasping the problem-solving process rather than solely finding the correct solution.

Now I love mathematics very much, but it hasn't always been this way. At first I hated math. Through the practice with my grandmother and Khan Academy, I started to comprehend everything. That's how I fell in love with mathematics.

# Cooperation with External Partners

## Workshops

1500 students as part of the EU-funded Covid-19 Solidarity Program for Eastern Partnership, implemented by the People in Need NGO

313 students as part of the STRIVE for a Better Future: Communities and Civil Society Resilience in Armenia (STRIVE) program in cooperation with the Near East Foundation



# ForMath Kids 2022

The ForMath Kids edutainment project was organized and implemented for the children of Team Telecom Armenia's staff members.

**AMD 1 200 000**

**allocated for the project**

Localized content on the Armenian-language platform of Khan Academy:

**29**

**videos**

**81 800**

**words**

# Ayb Hybrid Education, 2022

Ayb Hybrid Education is an internationally competitive and comprehensive educational program based on the Araratian Baccalaureate (AB) program. The program is intended for the 10th graders of public schools (as well as colleges and vocational schools) of the Republic of Armenia and the Republic of Artsakh. 66 students from all over Armenia and Artsakh were involved in the program. Apart from being included in the subgroups of four AB subjects, the participants were divided into ten project teams to implement projects in the field of natural science and mathematics.



**136**

**applicants**



**66**

**participants**



**10**

**successful projects**

## **Courses on Soft Skills**

**Research Fundamentals**

**Project Management**

**Design Thinking**

**Fundamentals of Programming (Python)**

**Writing Skills for CV and Cover Letter**

**Interview Participation Skills**

# Important Facts

➤ **New subject—Identity and Values: 17 meetings**

➤ **A series of meetings with successful specialists and visits to reputable companies in the field of natural sciences and mathematics**

➤ **For the purpose of career orientation, visits to IT companies, scientific research centers, various educational organizations specialized in natural science and mathematics**



# Projects of Ayb Hybrid Education's Young Scientists

## Greenology

The project aimed to evaluate the ecological state of Shirak, Syunik and the capital city Yerevan through the study of plant life found there. The researched plants were the agriculturally significant cherry and kale, along with acacia and lilac used for the beautification of the cities. As a result, the team presented the effects of toxic substances and came up with suggestions.

## Toward Permaculture Partizak

Permaculture is an innovative approach in agriculture that aims to cultivate plants with minimal ecological harm. As part of the project, the participants learned the basics of permaculture, the utilization of Sketchup for permaculture site design, methods of wise management of non-renewable resources, and development of permaculture ethics in communities.

## ReEducate

The ReEducate team is working on creating a platform that enables users to find a 3D artist of their choice and order any desired 3D model. With the aim to develop IT in marzes, the students living in the marzes will be given a preference on the platform.

## **UrbanHooligans:** Azatutyun Avenue: Contemporary Fundamentals of Urban Environmental Planning

The project aimed to study the existing urban development problems in Azatutyun Avenue and to present the envisioned improvements through a 3D model. The participants are going to present their project-proposal aimed at the improvement of Azatutyun Avenue to the Yerevan Municipality.

## **DaVanVR:** Take Anatomy with You

To enhance the visual and effective learning experience of anatomy students, the DaVanVR team developed a free educational app that offers a 3D presentation of anatomy. The app is one of the best ways to connect biology with information technology. The team's app is now available on Google Play. It can be downloaded from here:



## **AYBIONIK:** Extracting Medicinal and Cosmetic Oils from Eco-Friendly Sea Buckthorns and Plum Fruits Growing in the RA

AYBIONIK project's young scientists implemented waste-free production from ecologically clean sea buckthorn and plum fruits growing in Armenia. Medicinal and cosmetic oils were obtained from plum and sea buckthorn kernels, while lyophilisates and Narine, a synbiotic product containing lyophilisates, were extracted from the flesh of these fruits.



## **TickTalk:** Obtaining and Testing Herbal Repellents Against Blood-Sucking Arthropods

The project aimed to study and identify some local plants with arthropod-repellent properties and to prepare and offer the most effective extract from them. Through the collection of five plant species and two types of ticks, laboratory experiments were carried out. The subsequent analysis of the work provided the students with valuable knowledge.

## **Rlonic:** Synthesis of Functionally Substituted Pyridine Derivatives and Behavior Studies in Ionic Liquids

The project aimed to synthesize new pyridine derivatives with high purity and accuracy, to identify compounds that are new ionic liquids of modern application value, to confirm the reaction mechanisms through isotope-enriched compounds and to publish an article about the work in international periodicals. Upon the completion of the project, the students successfully achieved nearly all of the set goals. Currently, they are working with the project lead to produce an article that holds significant importance for the scientific community.

## **Genetics of Lifestyle and Preferences**

The basis of the project was the study of DNA's structure, functions and mutations. The children studied the genetic profile of the population, taking into account various factors and preferences. The project participants reached the conclusion that, at least partially, genetic factors are responsible for the preference for coffee, the effectiveness of ibuprofen, and the occurrence of the mental diseases studied.

# Success Story

From Math to Chemistry

How Harutyun Came to Love Chemistry Through Ayb Hybrid Education

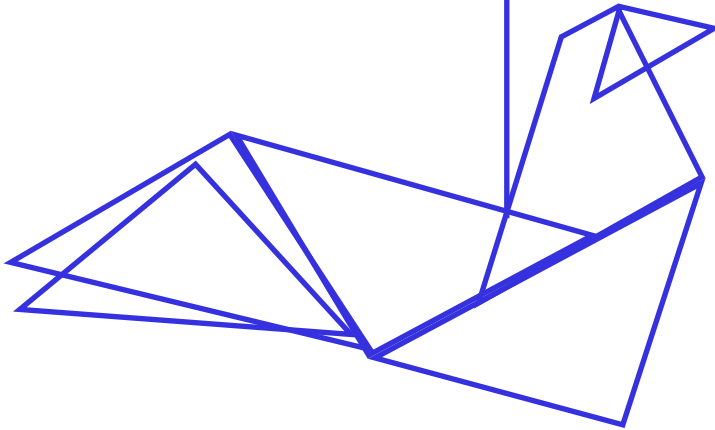
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I would never have thought that I would replace my favorite subject, math, with chemistry and moreover, would be involved in implementing a project that is entirely built around chemistry. I was sure that my project would be in math or physics. Everything started with the presentation of the projects when the leads presented the projects to be implemented in their subject area. The enthusiasm of the lead and the importance of the work to be done had a great influence on my decision-making.



Ayb Hybrid Education: Presentation



Learning by Doing: Summary of  
Ayb Hybrid Education



# Araratian Bacculaureate

We strive to create an internationally competitive Armenian-language education program for Armenian learners in the Republic of Armenia, Artsakh and the Diaspora, to shape a culture of excellence in learning and support the development of Armenian education by equipping individuals with the necessary skills and knowledge to meet the demands of the 21st century.

Being the only Armenian-language education program in accordance with international standards, the Araratian Bacculaureate continues to open the doors of the world's best universities for Ayb School's alumni.

**In 2022 alone, Ayb School's 26 alumni with the Araratian Bacculaureate certificate received study invitations from international universities.**

The Ayb Educational Foundation continues to work in the direction of the AB's dissemination.

## Admission Data on Ayb School's Alumni in the 2021-2022 Academic Year:

University	Applicants	Percentage Ratio
Local Universities	43	80
International Universities	9	17

### Local Universities

Yerevan State University	7
Yerevan State Medical University	6
French University in Armenia	4
American University of Armenia	25
National University of Architecture and Construction of Armenia	1

# International Universities | 9

University of Wisconsin-Madison

1

KU Leuven

2

Sorbonne University

1

Roosevelt University

1

Glion Institute of Higher Education

1

Rutgers University

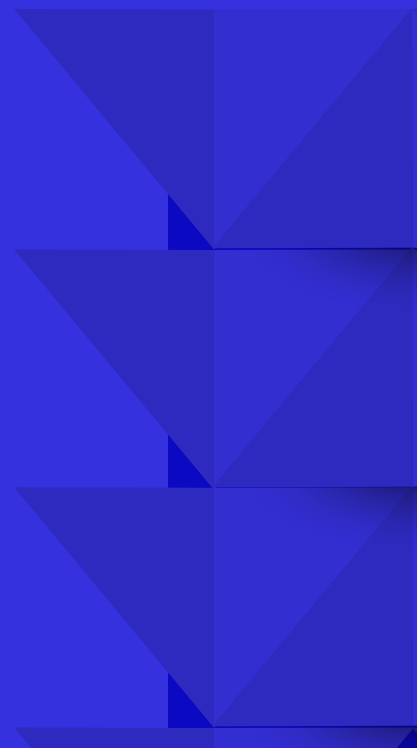
1

Karlsruhe Institute of Technology

1

Arizona State University

1



The Ayb Hybrid Education program's participants will also receive AB diplomas.

➤ **245 learners have AB diplomas** (since 2017)

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**In 2022,**  
the number of universities recognizing the Araratian Baccalaureate  
Armenian-language education program increased  
**by 28 and**  
**reached 152**

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**The list of universities  
recognizing the Araratian  
Baccalaureate educational  
program in 2022**



<b>The Netherlands</b>	Utrecht University
<b>USA</b>	Purdue University
<b>Germany</b>	Jacobs University, Bremen (Constructor University)
<b>Switzerland</b>	Glion Institute of Higher Education
<b>USA</b>	University of Maine
<b>USA</b>	Rutgers University
<b>UK</b>	Queen Mary University of London
<b>USA</b>	University of Delaware
<b>USA</b>	University of Miami
<b>USA</b>	The University of Massachusetts Boston
<b>USA</b>	Arizona State University
<b>France</b>	Sorbonne University
<b>France</b>	Autograf - School Design Paris



<b>France</b>	Paris College of Art
<b>France</b>	School Condé Paris
<b>Spain</b>	Saint Louis University, Madrid Campus
<b>Qatar</b>	Texas A&M University
<b>USA</b>	Virginia Tech
<b>USA</b>	University of Arizona
<b>Netherlands</b>	University College Roosevelt
<b>USA</b>	The University of Utah
<b>USA</b>	The University of Oklahoma
<b>Germany</b>	Karlsruhe Institute of Technology
<b>Ireland</b>	University College Dublin
<b>Lithuania</b>	Vytautas Magnus University
<b>Canada</b>	University of Alberta
<b>France</b>	ICN Business School

**The full list of the universities:**



The Araratian Baccalaureate Examination Center (ABEC) is an independent body established by the Ayb Educational Foundation. ABEC develops and holds the AB students' exams for admissions, graduation and university entrance. It also develops the AB syllabuses and creates the relevant educational resources. The development of syllabuses and creation of resources as well as design, organization, conduct, inspection and assessment procedures for examinations are carried out in collaboration with the Cambridge Assessment International Education.

**In 2022,**  
**our benefactors' community directed about**  
**AMD 75 000 000**  
**to the Araratian Baccalaureate Examination Center**



# **Generation Unlimited (GenU) Youth Challenge 2022**

GenU, an ideas competition, is held in Armenia for the second time in cooperation with the UN Children's Fund, UN Development Programs, UN Population Fund, the UN Office in Armenia, UNICEF and the Ayb Educational Foundation. This year, the competition is supported by the RA MoESCS, Synergy Armenia, the Body Shop Armenia as well as other private sector companies. The competition gives young individuals the opportunity to come together around one idea and engage in a collaborative effort to work on its realization, competing with the ideas of both Armenian and international peers.



- Stage of application acceptance:  
**109 ideas**
- Bootcamp:  
**12 ideas**
- Incubation phase:  
**7 ideas**
- International phase of the competition:  
**2 ideas**
- Winning team:  
**MeDialog**

# MeDialog Team's Dream Came True



Vagharshak, Milena, Armen and Samvel, four sixteen-year-olds, united around one idea and won the international phase of GenU. Receiving funding of USD 15 000, they got the opportunity to implement their idea, i.e. to create a board game and app about media literacy.

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Our biggest dream is to enhance media literacy among our society. We believed from the very beginning and continue to believe in the solution we offer. We are committed to all necessary actions to reach our goal.

**Milena Margaryan**

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MeDialog as the winner of the Generations Unlimited international contest:





#OURVALUES

## **COURAGE**

Proactiveness and flexibility, ability to make timely decisions, willingness to set new milestones and to achieve them





# Life at Ayb School in the 2021-2022 Academic Year

## Achievements and Victories of the Year

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- Ayb School became an international SAT test center.
- With the RenéMask project, Ayb team competed with 650 teams from 516 schools of 114 countries in the finals of the Earth Prize 2022 competition.
- The Ad Astra team became the winner of the Kemurdzhian Youth Space Challenge 2022. The device designed by Ayb's students was sent into space.
- The RenéMask project took the third place in the Diamond Challenge international competition.
- The film series Artsakh: Three-Voiced Struggle became the prize winner of the 17th Rolan International Film Festival for Children and Young People.
- Alumnus Sargis Simonyan's painting won the Teen Art Awards.
- In the QSI athletics competitions, victories and awards were achieved.
- Karen Hovhannisyan, physical education teacher, became a champion at the European Triathlon Championship.
- Two books by Ayb students were published: Aram Barseghyan's *War of the Immortals* and Ksenia Muradyan's *War Lover*.



**The team of Ad Astra conquering the world**



**"Artsakh: Three-Voiced Struggle, winner of Rolan Film Festival**



**Ayb's team at the Earth Prize 2022's final**

## Trainings and Workshops for International Partners

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- On the initiative of the Ministry of Education of the Moscow region, Ayb School held workshops for the exchange of practice for principals of a dozen schools of the Moscow region.
- Ayb School organized seminars on exchange of practice for administrative and teaching staff of Tatarstan's Innopolis Lyceum and Letovo School in Moscow.
- With the support of Krisp and 10 Web companies, 13 high school students participated in the Climate Uturn program and developed seven ecological projects addressing real-world issues.
- Online cultural and social projects for students were conducted with the Moscow School No. 1578.
- The engineering club of Ayb School participated in the Starmus festival, presenting Ayb's combat robots.
- Ayb's students participated in the finals of the International English Olympiad. Armine Keshishyan won an honorary first prize in Rome.
- Ayb School's Executive Director Davit Sahakyan took part as a speaker in the first "New Time: Effective Education" educational conference held in Yerevan.

# Dilijan Central School

## Presentation of Projects

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The students presented their best project works implemented during the 2021-2022 academic year.

### Art Week at Dilijan Geological Museum

The Dilijan Geological Museum held the opening ceremony of the exhibition of art projects carried out by Dilijan Central School. The exhibition showcased creations in from various branches of art, including stage art, fine arts, design, music.

### Labbox

The Labbox mobile laboratory is a community project by Dilijan Central School. Labboxes are laboratory experiment boxes for chemistry, physics and biology that accompany Dilijan Central School's students to the schools of Tavush marz. These boxes invite students to carry out captivating thematic experiments together. In 2022, this program brought together about 100 students. The project aimed to foster passion for natural science subjects and research among students.



**Arts Week**



**Labbox**

**Project's presentation**





## **Alumni Day**

Ahead of the tenth anniversary of Dilijan Central School, the Alumni Day was organized, bringing together alumni from different years as well as staff members and guests. The event had several goals: to arrange not only a reunion with teachers and classmates, and evoke cherished childhood memories but also to come together in the alma mater in these difficult days for all of us and promote transformation from individual self-improvement ("I") to the strength of collective unity ("we"). The event gave rise to the unprecedented idea of establishing an association of DCS alumni to conduct impactful mentoring and pro-school activities during regular gatherings.

## **The Together Family Camp**

Dilijan Central School organized the Together family camp, with the aim to foster unity within the DCS community, to support parenting and collaboratively build a symbol of togetherness. This time 14 families participated in the camp. Parents attended seminars and became students.

A large, dark blue, angular geometric shape, resembling a stylized letter 'A' or a similar abstract form, is positioned in the top-left corner of the page.

# AybPod

Here we talk about education

Twice a month, Ayb's podcast or AybPod invites everyone to identify the educational challenges and issues in Armenia, prompting to think about their solutions and envision the future of education.

For each episode we bring together educators, researchers, learners, local and international cultural figures as well as individuals passionate about educational and cultural innovations, to discuss the phenomena and perspectives of the Armenian education system.

You can follow all our AybPod episodes on Spotify, Apple Podcasts, Google Podcasts, Amazon Music, and Simplecast.





**Internationally Recognized  
Armenian Educational Model**



**When War Takes Precedence,  
Where Does Education Stand In?**



**Colorful or Equal Education?  
American Teacher on  
Educational Issues**

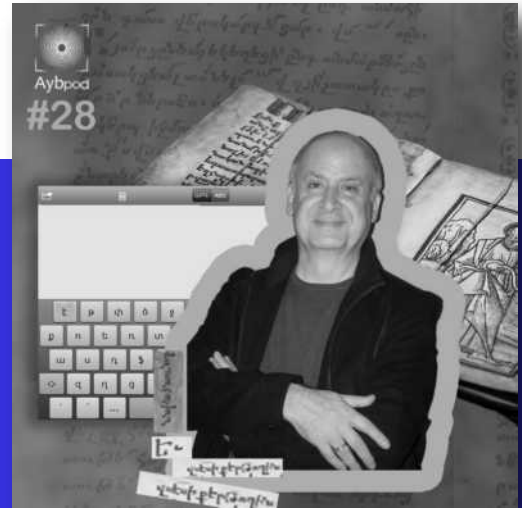


**When the Elite Oxford Became  
Accessible to Everyone**





**You Have to Be Selfish to Do Charity**



**Armenian is Always "Trendy"**

## **Our Topics and Speakers of 2022**




**24**  
episodes



**32**  
guests

**The Right to Education  
of 20 000 Children in  
Artsakh Is Disrupted**






Education is a fundamental human right defined by the UN Universal Declaration of Human Rights and other international conventions. However, at the end of the year the blockade had plunged Artsakh into isolation, leaving around 120 000 people in severe humanitarian crisis. The right to education of 20 000 children was also disrupted.

To quickly respond to this crisis and raise awareness about the problem, Armenia's major educational organizations came up with a joint initiative. They addressed a collective open letter to international organizations to condemn Azerbaijan's actions that impede the access to education and the full realization of the right to education in Artsakh. The blockade of Artsakh has a substantial negative effect. Subsequently, the civil initiative worked to conduct a fact-finding mission to impartially assess the situation and find solutions based on the gathered data.

This is how the Civil Initiative of the Right to Education was formed. Today it has brought together all actors in the field and has a broader goal—to tackle educational challenges in the Republic of Armenia and Artsakh and to support the full realization of the right to education.



We summarize 2022, entering a new stage of development. The report illustrates the message of Ayb's transformation using origami images and their transformations. At the heart of the art of origami is square paper symbolic to us for two important meanings: system (square) and school (paper). Based on the mission and constant values of implementing systemic changes in the field of education, Ayb is a flexible and dynamically developing organization, capable of effectively addressing new educational needs and goals.

Together toward  
**new goals!**





Donate for a better future!

