



## Adolescents Agents of Positive Change 2016-2017

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The Ministry of Education and Higher Education  
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The content of this booklet does not necessarily reflect the views or policies of  
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## Al Nayzak... Where innovation lives

Al Nayzak is Palestinian non-profit, non-partisan, Jerusalemite and unique organization that looks for young talents in science, technology, engineering, and math(STEM), and plants an ambitious vision in the hearts of our community: “To develop, root, and reinforce a new culture that embraces science, and to announce this culture among Palestinian youth so that their competence in productive applied sciences could provide them with better economic opportunities that would lead to their future prosperity.”

Al Nayzak’s approach is to make scientific-thinking skills become an inherent part of the lives of Palestinian people. In order to do this, it applies empirical tools to help individuals acquire thinking skills and relate them to genuine savoir-faire and technology.

In order to achieve its mission, the organization has adopted a series of chronically conducted annual programs that target various age groups to incubate talented people from an early age. There are also a number of complementary projects to convey a message of science and knowledge to all segments of the society.

Crowning its series of achievements and a 10 years parade for innovation, the organization inaugurated in 2013 the first Science and Technology House in Palestine, where visitors enjoy hands on activities all dedicated to create a culture of scientific thinking and as a nuclear to establishing the National Science and Technology Museum in Palestine. The Science House receives around 15 thousand visitors annually.

Al Nayzak serves all Palestinian areas through its network of offices in Jerusalem, Ramallah, Gaza, and Nablus, as well as in the Science and Technology House in the Old City of Birzeit.

# تحتدي





## Adolescents Agents of Positive Change

Badir Programme is a pioneer program that targets Palestinian school students in the eighth and ninth grades, and works to build their capacity in the areas of critical and creative thinking, research skills, communication, teamwork, advocacy and awareness, through the design and implementation of community-based initiatives and entrepreneurial projects based on scientific methodology of observation and problems identification and proposing positive solutions for these problems.

Badir Programme enables participant adolescents to face the challenges they encounter and enhance their sense of belonging to make societal and scientific environmental change through the development of their skills and building their capacity so they can become future leaders. In addition, the program works to keep up with the growing interest in modern technology to qualify the adolescents and teachers to use and employ them in the right way and in the benefit of the educational path. Badir Programme works to train students on the aforementioned skills in the first phase and then supporting them in the proposal, design, and implementation of innovative initiatives and entrepreneurial projects to provide solutions to the problems and phenomena observed by the adolescents themselves, based on scientific methods and critical and creative thinking to create positive change in their communities.



In its third year of implementation, and in partnership with the Ministry of Education and Higher Education and UNICEF and funded by the Government of Japan, the program targeted 6,149 adolescents through Schools and Entrepreneurial projects incubator. Within the Schools Program, Al Nayzak worked with 183 teachers through capacity building program to develop new interactive learning tools used to train the adolescents from 185 classrooms, 61 schools, and 7 districts. The Adolescents implemented 181 initiatives that varied in subjects between social, scientific, environmental, and humanitarian, and targeted different categories of the society, but they all were based on scientific research and a long path of teamwork among the members of the class group to get out the best ideas.

In addition to the Schools Program, Al Nayzak implemented the Social Entrepreneurship Incubator inside the Innovation Labs with 120 participants from the 10<sup>th</sup> and 11<sup>th</sup> grade. Adolescents followed specialized training in Scientific Research, Entrepreneurship, and product design, and development. By the end of the program 12 Entrepreneurial Projects were launched in a pitching event with the attendance of investors from the private sector, local organization and partners.

# Main Components of Bādir

Training of adolescents



Capacity building of teachers



Student E-Portal



Community Initiatives by participating schools



Innovative initiatives and Entrepreneurial projects / Innovation Labs

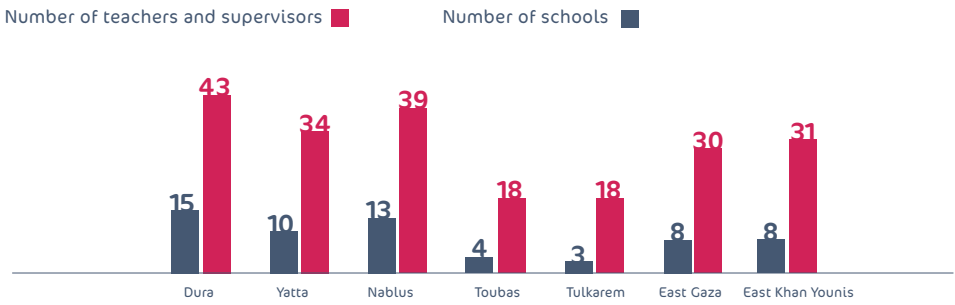


# Badir In figures

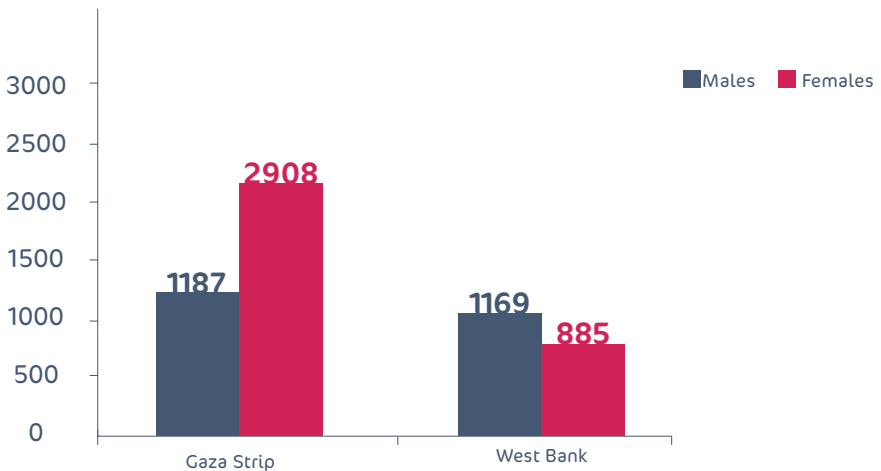
A joint committee of Al Nayzak Organization and the Ministry of Education and Higher Education selected 61 schools to participate in Badir program in its 3<sup>rd</sup> year. Each school participated with 4 class groups, 4 teachers, a supervisor, and a volunteer, to oversee the process of work during the program's period.

The following diagram represents the number of participating schools and teachers in Badir program 2016/2017, distributed by directorates:

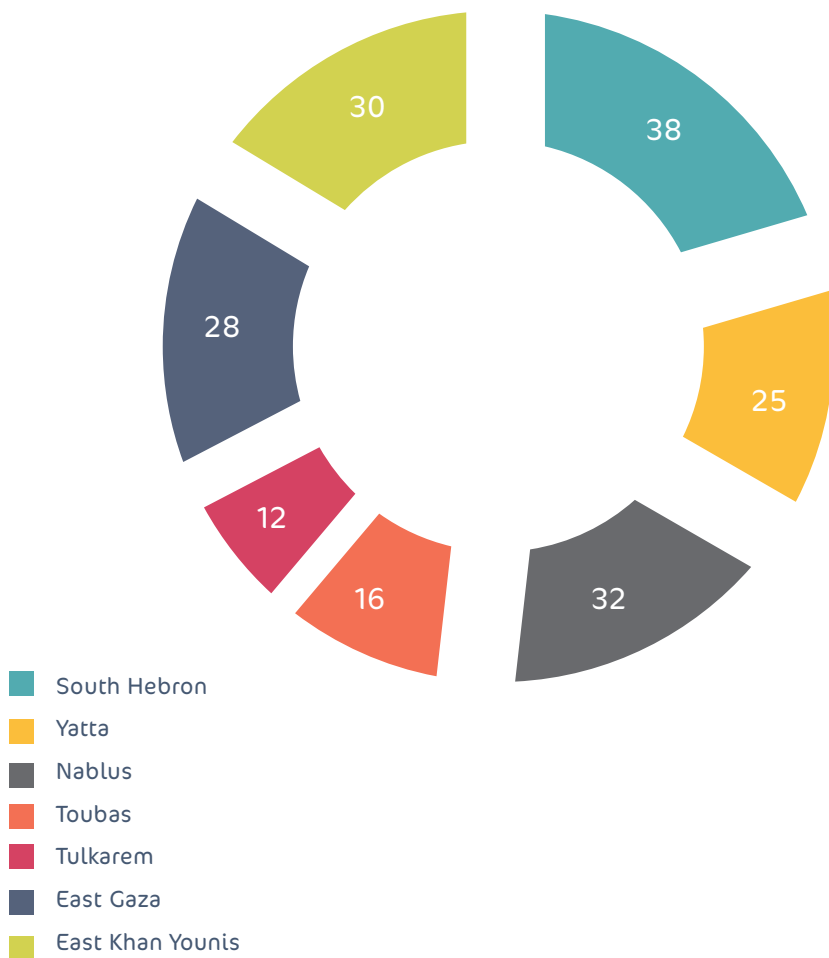
## Number of schools and teachers participating from each directorate



During 2016/2017 year, 6,149 Adolescents from the West Bank and Gaza Strip participated as the figure shows:



By the end of the program, 181 initiatives were implemented in all the participating directorates according to the following distribution





## Badir Program - Distinguished Initiatives on National Level:



During local exhibitions in the different directorates, specialized jury committees selected top 12 initiatives at the national level, according to precise and specific criteria that is based on originality, creativity, scientific research skills, team work and others.

## My Friendly Garden

Al-Karmel Girls High School

Grade: 9<sup>th</sup> B

Supervisor: Amal Jabbour

Directorate: Yatta



### Summary: My Friendly Garden

initiative aims to provide a school environment that is attractive for students and at the same time supports teachers in delivering the different scientific concepts. It is an attempt to integrate the student and the surrounding environment more in the learning process. Most of the Secondary level students together with teachers participated in preparing the garden.

## Water Bed

Al-Burj Boys High School

Grade: 9<sup>th</sup>

Supervisor: Mohammad Awlad Mohammad

Directorate: South Hebron



### Summary: the idea is to refine the

greywater/ wastewater in the school and turn it into clean water that could be used in the hydroponic system. Given the lack of external space at the school, the roof was used as an alternative space. For future plans, students aim to cultivate endangered medicinal plants, to be used as educational plants in the learning process. On the sidelines of the initiative, and since water treatment requires high consumption of electricity, the school and civil society worked on providing solar system, as a vital part of integrating students with their society, and enhancing the importance of community based team work.

## Silent Danger

Martyr Abd Al-Aziz Rajjoub Girls  
School / Grade: 9<sup>th</sup>

Supervisor: Iman Farajallah

Directorate: South Hebron



**Summary:** the initiative aims to solve accidents that occur due to morning traffic jam created by students and vehicles at Al-Kom area – west of Dura. As a solution, student girls suggested Building a square at the entrance of the village, and close to a triangle that links the elementary schools in the village together, in order to regulate traffic in that area. It was established in cooperation with the village council and local community, and was named Al-Kom Martyrs square, to commemorate the town's martyrs.

## My Currency My Roots

Khalil Nubani School  
Grade: 10 (1)

Supervisor: Wisam Abu Mkhaimar

Directorate: East Gaza



**Summary:** Given the lack of awareness of the current generation about the Palestinian currency, the initiative was launched to inform about it including its categories, shapes, colors, and date of issuance. This was implemented through designing and printing brochures, posters, and annual calendars printed on them the Palestinian currency, in addition to holding a series of radio talk shows about this history.

## Class Pharmacy

Bisan Girls Elementary School  
Grade: 9<sup>th</sup> (2)

Supervisor: Alaa' Wadi

Directorate: East Gaza



**Summary:** Bisan School is considered one of the border adjacent schools east of Gaza, and thus affected by the repeated Israeli incursions. Since the school is far away from any first aid or medical clinic, the girls created a classroom pharmacy that includes first aid material. In cooperation with one of the institutions, girl students were trained on the basics of first aid, to contribute in protecting the students' health in case any incident emerges while in school.

## Learning with Love

Qarara School  
(Grade: 10<sup>th</sup> 2)

Supervisor: Mazen Hannoun

Directorate: East Khan Younis



**Summary:** the initiative aims to provide interactive learning tools for persons with visual disability. Students at al-Qarara School observed difficulties faced by their colleagues who suffer from visual disability. Therefore, in order that their educational attainment and learning approach is not affected, students' voice recorded the school curriculum on CDs and MP3 devices, thus contributing by applicable sources that meets students' needs. Currently, students are working on completing this work to cover all classes.

## Teaching and Learning Theatre

Jenin Boys High School  
Grade: 10 (3)

Supervisor: Yousef Rashid

Directorate: East Khan Younis



**Summary:** Students at Jenin Boys High School noticed that they need interactive learning tools that would contribute to knowledge flow in an entertaining and exciting way. Therefore, students created a teaching and learning theatre inside the school, which is located in al-Fukhari area / east Khan Younis, to serve as an interactive learning space for them. The theatre is also available for the use of nearby schools.

## Public Library in Roujeeb

Mohammad Ben Rashed Al-Maktoum  
Girls High School  
Grade: 10<sup>th</sup> (A)

Supervisor: Fadia Asmar

Directorate: Nablus



**Summary:** Students at Mohammad Ben Rashed Al-Maktoum Girls High School noticed that students and the community in general are averting from reading while their use of smart devices and social media is increasing. Therefore, the girls prepared a public library with a collection of several books for the use of students and residents. The library aims to raise awareness on the importance of reading and enhancing social relations through common experiences. The library was established in cooperation with the municipal council and support of local community institutions.

## Recycling for Saving

Til Girls High School

Grade: 9<sup>th</sup> (A)

Supervisor: Umaima Ibrahim

Directorate: Nablus



**Summary:** the initiative seeks to make use of unnecessary papers and old books that accumulate in piles by the end of school year. Therefore, school girls recycled them into manufactured charcoal for heaters, which would be sold for residents, thus providing financial income and savings for the school to secure its needs.

## Junior Medic

Deir Sharaf Girls High School

Grade: 9<sup>th</sup> (B)

Supervisor: Wisam Antari

Directorate: Nablus



**Summary:** the initiative aims to enhance team work spirit and create an educated generation that loves work, seeks change, and raise the level of safety and security. Students are trained by the school's health unit on basics of First Aid (fractures, wounds, fainting, insects and reptiles' bites, and swallowing weird objects). Awareness campaigns were held for students and mothers, where they were trained on basics of First Aid.

## Agricultural Ponds ... Reality vs. Hope

Tammoun Girls High School

Grade: 10<sup>th</sup> (A)

Supervisor: Bayan Bisharat

Directorate: Toubas



**Summary:** Students at Tammoun Girls High School made a treatment for the inadequate agricultural ponds in terms of infrastructure, safety, and security, especially that stagnant ponds are a source for mosquitoes and insects to reproduce, resulting in diseases for the town's residents and threatens crops there. Students worked on providing means of safety and security around of the ponds by placing warning signs, covering the pond, and holding raising awareness campaigns about their dangers. Students collected the needed information through a series of meetings and studies that are based on authentic scientific research.

## You see it waste ... we see it creativity

Ibrahim Khawaja Girls High School

Grade: 10<sup>th</sup> (B)

Supervisor: Saniyeh Mubayyed

Directorate: Tulkarem



**Summary:** Students addressed the phenomena of solid waste by raising awareness about the importance of maintaining cleanliness and the general view of the city. The adolescents targeted workshops that destroy vehicles tires, and shared with them creative ways for recycling tires and wastes in general, as means of raising their awareness about it. They also prepared informative pamphlets and a press release, which was published in the local stations and on social media platforms. Students used some tires in improving and beautifying the school environment and local community.



# Social Entrepreneurial Projects

**Pro-Degree**

**Innovation lab: Ramallah**

**Trainer: Mahmoud Barham**



**Participants:** Lana Hamdi Samara, Diana Ibrahim Khaled, Rand Abdulkarim Rimawi, Dania Nidal Thaher, Roleena Nidal Shafi'e, Majd Fathi Ghithan, Hasna' Zuheir Abdulhadi, Aseel Bassam Turk, Eliana Talal Omari

**Summary:** Believing in the need to develop adolescents and youth skills in basketball, the group worked on designing a training corset for basketball players, which helps them in identifying the best pose for the elbow joint while training to maintain scores. It was developed via a sports corset, using delicate sensors.

**Target group:** Basketball players

**Goals:**

- Enable basketball players to maintain scores within the shortest time possible.
- Increase the players' ability to control their arms joints (accurate scoring based on positioning the arm at 90 degrees.)



## Bamboo

Innovation lab: Nablus

Trainer: Mahmoud Barham

**Participants:** Sa'ad Nitham Dweikat, Ahmad Seifeddin Ghanem, Youmna

Mohammad Hmeidi, Rawya Hasan Khreisheh, Osama Naser Amarna, Aya Ayman Qubbaj, Nour Nasser Shurafa, Tareq Nazih Odeh, Abdulkarim Bassam Freij, Raya Radi Hawwa

**Summary:** the group worked on designing a supportive prosthetic leg for patients of Multiple Sclerosis who suffer from weakness in the leg muscles and inability to fully control sudden moves. Thus, the prosthetic leg supports and assists the leg in its activity. It is composed of external supportive structure, engine, and sensors at the joint.

**Target group:** Multiple Sclerosis patients who suffer from controlling their leg's move.

**Goals:** Work on providing means to ease move of patients.



## You're in control of your time

Innovation lab: Nablus

Trainer: Mahmoud Barham

**Participants:** Leen Nazih Daoud, Yara Imad Al Haj Hamad, Sana Ab-

dulatif Dweikat, Sundos Jamil Shbeiri, Mais Riad Hassouneh, Zbeida Reda Sader, Afnan Ahmad Hmeidan, Bara' Ihab Sbeih, Ayman Wajih Thouqan

**Summary:** Smart phone application that enables bank clients to reserve their turn at a distance, the app alarms the customer as their turn approaches, saving their time and energy.

**Target group:** Banks' customers, local banks

**Goals:**

- Save customers time
- Lessen delays at banks
- Improve bank's services for its customers



## It's your country

Innovation lab: Abu Dees

Trainer: Mamoon Khdaif

**Participants:** Shahd Hami Shweiki, Ameer Azem, ZeinEldeen jaffal, Malak Shweiki, Salsabeel Abu Hammad, Osama Al Halabia, Ahmad Hmeidi, Huda Qersh, Hussni Thahr

**Summary:** Android smart phone application that aims to alleviate weakness of domestic tourism in Palestine. For the time being the application highlights the archaeological and geographical sites of Battir village in Bethlehem, through designing a learning interactive game that shows the historical aspect, using barcode system. Battir was chosen as a prototype game. Work is in process to design a comprehensive application that includes other Palestinians cities and villages.

**Target group:** visitors of touristic places in Palestine.

**Goals:** encourage domestic tourism in Palestine and highlight some of the marginalized areas.



## Book your turn at Jericho station

Innovation lab: Abu Dees

Trainer: Mamoon Khdaif

**Participants:** Abdallah Hamo, Jamal Awwad, Basem Ayyad, Mohammad Yassini, Ahmad Al Halabia

**Summary:** Android smart phone application that helps reducing crowds jam at the border crossing by booking turn in advance using this app. One schedules desired date and time for travelling and the system books it accordingly. This helps also in reducing the number of travelers heading to Jordan all at the same time.

**Target group:** travelers across Al-Karama Border Crossing

**Goals:** facilitate travelers passage through Al-Karama Border Crossing



## Chance

Innovation lab: Jerusalem

Trainer: Asma Sbeih

**Participants:** Rashed Abu Teir, Mohammad abu Teir, Abdallah Elayyan, Omar Tahhan, Tawfeeq Mabhooh, Khalil Hamada, Laith Masharqa



**Summary:** Android smart phone application that offers a chance for teachers and university graduates in the field of education to find a partial or full-time jobs by giving private lessons for students or giving trainings within certain institutions programs. The app is a chance for every teacher and university graduate to find a temporary or permanent job. Each interested teacher registers in the system and attaches the needed documents including places and years of experience. This makes it easy for students to find private teachers by area and specialization. As for the institutions, it's an opportunity to easily find trainers according to the specialization required.

**Target group:** Teachers and university graduates in Education and Teaching

**Goals:** finding a temporary or permanent job for the target group by giving private lessons for students and/or training at institutions.

## Speak App

Innovation lab: Jerusalem

Trainer: Asma Sbeih

**Participants:** Yazan Ishtai, Suad Abu Gharbiya, Malak Ali, Omar Kaloti, Ismael Qanbar, Dana Dweik, Bara'a Sharaf



**Summary:** Android smart phone application that assists children who face speech defect especially lisp. The project's idea came out after observing that a large number of children in Palestine face this problem. The application has several sections including the trainings one which pronunciation specialists use to train children to pronounce letters properly before beginning treatment. The other sections are: entertaining –educational videos about letters, electronic consultations with pediatricians and pronunciation specialists, general tips and advises, addresses of senior pediatricians and pronunciation specialists in Palestine, and voice analysis to define letters lisped.

**Target group:** Children between ages 2 - 13 who face speech problem, especially lisp.

### Goals:

The app assists children who face lisp speech problem in lessening this problem by using the available trainings and games. It also provides general tips and advises for parents, and assists them in finding pediatricians and pronunciation specialists.

## Speed Detector

Innovation lab: Gaza

Trainer: Dr. Mohammad Al Astal



**Participants:** Nada Bassam Abu Zeid, Hiba Abdullah Agha, Ali Ashraf Radi, Yara Ibrahim Abdulaziz, Ahmad Issam Ajez, Ahmad Mohammad Sha'ban Barakat, Naser Hasan al-Husni.

**Summary:** Gaza Strip witnesses an increase in traffic accidents. In 2015 there were 82 deaths and more than 2100 injuries, out of which 85%, according to official statistics, were due to human mistakes and driving very fast. This increased recently because of reconstructions at Salah Eddin Street (the main street in Gaza, creating six (6) lanes in place of the former two, as well as of the lack of radar systems that record over speeding. Hence, the project develops a radar prototype, which would be provided for the concerned agencies to catch drivers who exceed legal speed limit. This in turn will witness a decrease in traffic accidents and save lives.

**Target group:** Road safety organizations, Traffic police, Ministry of Transportation

**Goals:** manufacture speed radar detector to detect drivers who are exceeding speed limits.

## 3D Scanner – Medical Footwear Purposes

Innovation lab: Gaza

Trainer: Dr. Mohammad Al Astal

**Participants:** Mamoud Munir Oqaili, Ali Mohammad Abu Shamala, Ahmad Mahdi Qudeih, Nooureddin Qrinawi, Lina Abdulmalek Shehada, Hamsa Haitham Kharroub, Abdullah Mahmoud Hindawi, Angham Adnan Matar.

**Summary:** Following extensive research and review of scientific studies, it was concluded that foot dis-

tortions result from choosing the wrong footwear since childhood, which intensity increases over time. The problem lies in determining the appropriate footwear especially that the foot curvature differs from one person to another. Hence, students' project was to design a medical footwear using a 3D scanner that makes measurement of the foot and saves it electronically. The footwear style could be amended without disruption of the medical instructions. These data are then saved to a 3D printer that uses leather, sponge, and other material, to print/produce the medical footwear.

**Target group:** Footwear factories and shops, orthopedic doctors, child care organizations and institutions.

**Goals:** manufacture 3D scanner to define the footprint precisely.



## Vehicle Air Condition

Innovation lab: Dura

Trainer: Haitham Alzugheir

**Participants:** Lama Awad, Yehia Abu Ju'weid, Tala Qazzaz, Amir Shadid, Naghham Hajjeh, Leen Faqiyat, Khadija Masalma, Bara' Sayyed Ahmad

**Summary:** a small device that could be used as an accessory in the car, which air conditions it using renewable energy. The device turns on via a heating sensor which is controllable by the driver. It can work while the car is on or off. It was developed after observing the car's weakness resulting from turning the air condition on, or the increase of its temperature when parked in the sun.

**Target group:** Vehicles owners

**Goals:** 1-Air conditioning the vehicle using renewable energy. 2-Maintaining the engine's power. 3-Air conditioning the vehicle while it's turned off.



## Safe Agricultural Greenhouse

Innovation lab: Dura

Trainer: Haitham Alzugheir

**Participants:** Baha Abu Zneid, Raghd Mashaqqa, Mira Abu Arida, Mohammad Abu Al Haj, Mo'tasem Al

Zeer, Hammam Masalma, Abdullah Zabdi, Tansim Abu Sheikha, Mais Sweity

**Summary:** farmers face a lot of danger while spraying their crops with pesticides. Therefore, students invented a device that sprays the crops automatically, without any need for the farmer to be present.

**Target group:** Farmers

**Goals:** 1- Enable farmers to take care of their crops, and spray them safely, without exposing themselves to health risks. 2- Save time and effort



## Smart Accountant

Innovation lab: Hebron

Trainer: Haitham Alzugheir

**Participants:** Jibril Natsheh, Hiba Abu Yabis, Younis Abu Shkeidem, Ru'a Dayya, Osama Zibdiya, Nadine

Abu Markhiyeh, Rami Ja'bari, Jana Za'tari, Sarah Zughayar, Issam Qawasmi

**Summary:** A E-accounting system for salesmen to electronically transfer information for the financial departments on daily basis, to ensure transparent closure of the company's financial statements. Therefore, students designed an electronic app that makes the salesmen data entry easier via voice recordings. A specialized supporting system turns the voice recordings into official data in the financial records. The project's idea is based on the market's need in Hebron, where there are a lot of local companies that sell through field salesman. Hence, it increases efficiency and achievement of salesmen.

**Target group:** Local private companies which are based on direct sales.

**Goals:** 1- Accelerate transfer of information and thus facilitate the company's work. 2-Reduce pressure on the shoulders of accountants and salesmen, thus increasing their time.





**Bader 2016/2017**  
**Adolescents Agents of Positive Change**  
**Schools Implemented initiative's**

Nablus Directorate					
No.	Initiative Title	School	Grade	School Director	Teacher
1.	Proper Pronunciation	Jawaher lal Nahro Secondary School	10 B	Lubna Khalil	Manal Al Tibi
2.	Food Products		10 C		Rowaida Yaseen
3.	Educational Agriculture		10 A		Asma Odeh
4.	Proper use of toilets		9 A		Aisha Shawali
5.	Mathematics Fun and Learn	Sura Secondary Girl School	9	Afaf Abdo	Tahani Abdallah
6.	Reading Building Future		10		Manal Abu Turabi Hiba Hamd
7.	Cancer resistance	Sameer AbdelHadi Elementary Girls School	9 A	Iman Amer	Hanan Fatoom
8.	Special Needs Elevator		9 B		Ola Qabalawi
9.	Harmfull Herb	Dier Sharaf Secondary School	10 A	Nazeer Abd Rabo	Fahmi Nofal
10.	Plastic Bottles Recycling		10 B		Abdel Rahman Shafe
11.	Little Ambulance	Deer Sharaf Secondary Girls School	9 B	Ghada Jawabreh	Wisam Antari
12.	I make my tools		10 B		Arwa Nofel
13.	School Beauty,, Better Achievements	Zawata Secondary School "A"	10	Majeda Abu Hantash	Maram Sama'neh
14.	Together Toward a Change		9		Mutey'a Ramdan



Nablus Directorate

No.	Initiative Title	School	Grade	School Director	Teacher
15.	Make A Difference	Til Secondary Girl School	10A	Kifah Khalili	Ann Ishtaya
16.	Garden Beauty		10 B		Raja' Al Abadalla
17.	Better Health		9 A		Omayma Ibrahim
18.	Recycling for Saving		9 B		Wisam Ishtaya
	Repeat to take advantage				
19.	Clean School Enviroment	Fahmi Al Sifi Elementary Boys School	9 B	Omar Khatib	Mahmood Fares
20.	Father for every child		9A		Wael Salman
21.	They call me Refugee	Yarmook Secondary Girls School	10 C	Sana' Chanem	Nida Abu Hantah
22.	Delivery		10D		Dalia Jebrel
23.	Fabrics Recycle		10A		Rula Salahat
24.	My Secure School		10B		Nariman Hashash
25.	Installing Bases for Garbage	Sura Secondary Boys School	10	Riyad Radwan	Mamoon Chanem
26.	Smart Screen		90		Abdel Fatah Odeh
27	Smart Cafeteria	Qortuba Secondary Girls School	10C	Rana AlKurdi	Thaera Ahwal
28.	Water is Life		10 A		Iman Kharowsheh
29.	Natural Gas Extraction		10B		Iman Akhras
30.	Our class.. Second House		10E		Sabeya Abu Ali
31	My Garden	Zawata Secondary School "B"	9B	Lutfi Salman	Ibrahim Saleh
32.	Interactive learning Tools		10B		Iman Araj
33.	Recycling for my Garden Beauty	Mohammad Ibn Rashid Al Maktoom School	9B	Haneen jabr	Rawya Jaber
34.	Library in Rowjeeb		10A		Fadya Asmar
35.	Away from Rain.. Away from Sun		10 B		Hind Nazal
36.	Our School Garden		9A		Iman Abu Leil

Tubas Directorate					
No.	Initiative	School	Grade	School Director	Teacher
1.	Sun Shone	Aqaba Secondary Girls School	10C	Hilda Daraghmeh	Rawan Sawaftha
2.	Trash management		9B		Nihal Abdel Hadi
3.	Reduce Use of Antibiotics and Painkillers		10A		Manal Ghanam
4.	Helping the Disable Associations		10 B		Jihan Sawaftha
5.	Unsafe Agricultural ponds	Tamoon Secondary Girls School	10A	Anam Bani Odeh	Bayan Bsharat
6.	Friendly Chemistry		10 C		Naima Bani Oded
7.	Print from Palestine		10 B		Itaf Bani Odeh
8.	My Garden more beautiful		10E		Nida Salahat
9.	We Live and Learn	Tayaseer Secondary Girls School	10A	Aida Salahat	Shaima Tulaib
10.	Together for Clean Environment		10B		Tahani Mtawe'
11.	Together for Better Connection		9 A		Jumana Ratrouit
12.	No Smoking		9 b		Hala Suboh
13.	Little Police	Bairouni Secondary Boys School	10 A	Abdel Fatah Sbeih	Osama Abu Amer
14.	Clean environment civilized society		10 C		Islam Ghanam
15.	attractive and comfortable garden		10 B		Ammar Odeh
16.	clean and safe environment		10 E		Mohammad Sawaftha

Tulkarem Directorate					
#	Initiative	School name	Grade	School Director	Teacher
1	E- communication	Ateel Secondary Boys School	B 9	Tayseer Khateeb	Fayez Ashqar
2	Plants in Palestine		A 9		Murad Malak
3	SOAP Manufacturing		A 10		Adham Khalailah
4	Historical Treasure		C 9		Bassam Ashour
5	Innovation from Waste	Ibrahim Khawaja Girls School	B 10	Khitam Barakat	Sneih Mbayed
6	We develop Ourselves		A 10		Hanan Abu Shanb
7	Future Makers		A 9		Fatima Ka'dan
8	Enjoy Learning		B 9		Nida Amer
9	Together we Build it	Bal'a Secondary Girls School	C 9	Najwa Al Tinibi	Nasim Awartani
10	Plants Favor		B 9		Isra Abu Safya
11	Productive Hands		A 10		Aisha Ofi
12	Franophone Bread Garbage		A 9		Marwa Ateer

East Gaza Directorate					
No.	Initiative	School	Grade	School Director	Teacher
1.	Reverse Classroom	Al Shaja'eya Martyrs School	10 "2"	Noman Samara	Yousf Farawneh
2.	Initiate and Change		10 "3"		Alaa Hassan
3.	Prevention		10 "6"		Fadi Sukar
4.	Safe Road	Al Horya School	9 "1"	Hasan Swedi	Ismael Al Araj
5.	Clean Water		10 "9"		Fadi Allouh
6.	Development through Recycling		10 "11"		Moutaz Abu Jarbou'
7.	In our Charity upright life	Abdel Fatah hamoudeh School	10 "1"	Ihab Koutah	Majed Mansour
8.	Reading treasure		10 "4"		Mohammad Al Yazaji
9.	Hobbies Club		10 "5"		Abdallah Kasko
10.	The Best		10 "6"		Mustafa Abu Baker

East Gaza Directorate					
No.	Initiative	School	Grade	School Director	Teacher
11.	Together to Read	Moath Bn Jabal School	9 "1"	Majdi AL Mu'ani	Ahmad Abu Al Latif
12.	English Dolls Theatre		9 "2"		Issa Abu Omar
13.	Activities Club		9 "3"		Mohammad Ktei'
14.	Learn and Play		9 "6"		Saleh Abu Halima
15.	Together we Make Beautiful	AL Majdal School	10 "1"	Itaf Elayyan	Kholood Ashour
16.	Today Reader tomorrow Leader		10 "4"		Bushra Al Razi
17.	Make Peole Happy		10 "7"		Ruba Salhiya
18.	We can Make a Change	Bisan Girls School	9 "1"	Nuha Imad AL Deen	Khitam Abu Jabal
19.	Class Pharmacy		9 "2"		Alaa Wadi
20.	Yasmeen		10 "1"		Amal Tafesh
21.	Chair for Everyone		10 "2"		Nadiyah AL Rifi
22.	Am Still a Kid	Khalil AL Nobani Girls School	9 "1"	Amira AL Jamasi	Iman Siam
23.	Awareness Safe our Safty		9 "2"		Asma Shaheen
24.	History of Money		10 "1"		Raedah Khalifa
25.	My Grandma Stories		10 "2"		Wissan Abu Kha-meer
26.	Count it Right Together for heritage Revival	Shaban AL Rayes Girls School	10 "1"	Firyal AL Nabhan	Najla Abu Ras
27.			10 "2"		Ghada Alzeer
28.			10"6"		Ilham Hosoneh

East Khan Younis					
.No	Initiative	School	Grade	School Director	Teacher
1.	Learn With Us	Al Awda Second-day Boys School	10 "1"	Hussein AlAkad	Shaker Samoor
2.	I Support My School		10 "5"		Mosa Al bajesi
3.	My friend is a Book		10 "6"		Mohamad Abu Khatir
4.	Help Others		10 "9"		Abdel Hameed Al fara
5.	Don't Throughout.. Use it	AL Karara Secondary Boys School	9 "2"	Iyad Abu ALKa's	Mustafa Abu Rumaileh
6.	Our paint take about us		9 "3"		Saleh AL Astal
7.	With Love we Learn		10 "2"		Mazen Hanoon
8.	Be your Family Nurse		10 "4"		Hasan Muhana
9.	Experiment Garbage	Jenin Secondary Boys School	10 "1"	Omran AL Sabakhi	Mohammad ALShareef
10.	Dawa Studio		10 "2"		Motasem AL Akad
11.	Learning Theatre		10 "3"		Yousef Rashid
12.	Class Mini Library		10 "4"		Hamada Ikhras
13.	For Our Safety	Asqalan Elementary School	9 "1"	Marwan Tabash	Fayza Abu Daqa
14.	English Fluency Club		9 "2"		Ibrahim Sbeih
15.	Choose your Future		10 "1"		Wissam AL Sheikh Eid
16.	Rational Water Consumption		10 "2"		Samer Abu Ta'imeh
17.	Future Scientists	Al Tiba Secondary Girls School	9 "2"	Rasha Abu Hamd	Khadija Breka
18.	My Land		9 "2"		Najwan Hamdan
19.	Dictionary		10 "5"		Safya AL Masri
20.	My Tree		10 "9"		Suhaila Abu Khater
21.	Interactive Book	Ihsan Agha School	10 "1"	Mervat Aram	Niveen Ghaboon
22.	Cultural Salon		10 "2"		Nida Samoor
23.	Protect Your Child		10 "3"		Fayrouz AL Nahal

East Khan Younis					
.No	Initiative	School	Grade	School Director	Teacher
24.	Your Smile Our Hope		10 "4"		Laila Msbeih
25.	My Health in my Food		10 "5"	Nahla Abu Daher	Nibal Al Agha
26.	Warm Winter		10 "6"		Samar AL Mashni
27.	Beating Heart		10 "7"		Saeda Awad
28.	Improve Our abilities	Absan Girls School	9 "1"		Amira AL Jamasi
29.	We Can		9 "2"		Maha Abu Madi
30.	My Health in School		10		Iman AL Broom

South Hebron Directorate					
No	initiative	School	Grade	School Director	Teacher
1.	We paint Our School	Karma Secondary Girls School	9	Lubna Atwan	Izes Yousef
2.	Don't Say I cant .. Say I didn't Try		10		
3.	Clean Healthy School	Al Yasareya Boys School	10 D	Rasem Al Sweiti	Salah Swafi
4.	Toward Beautiful Village		9 A		Hamzeh Sweiti
5.	My School is Beautiful	Abu Jihad Martyr Secondary Boys School	9 A	Musherf AL Rjoob	Ishaq Tmezi
6.	Hygiene Is our title		10 A		Nimer Abu Jhesheh
7.	Water Bed	Brej Secondary Boys School	9 A	Khalid AL Shahatet	Mohammad Ghanam
8.	My Country Plants		10 A		Nabeel AL Rjoob
9.	Toward a More Beautiful School	Brej Secondary Girls School	9 A	Najah Nasr	Ibtesam Abu Ras
10.	School Playground		10A		Samira Mohammad

South Hebron Directorate

No	initiative	School	Grade	School Director	Teacher
11.	Connections and Communication	Rafat Boys School	10 B	Mahmood Abu Aqeel	Issa Al Zareer
12.	Interactive math		10 A		Jehad Abu Awad
13.	My Mother Bread enhance my knowledge	Rafat Girls School	10 A	Hayat Al Badareen	Hala Rbei'i
14.	Together toward a Safe environment		9A		Fayrouz Al Hroob
15.	School Water Refining	Al Thahreya Secondary Girls School	10 A	Firyal Abu Alan	Tahani Abu Akeel
16.	School Transportation		10 B		Chada Abu Alan
17.	Green School	Al Ramadeen Secondary Boys School	10 A	Rasmi Abu Ryadeh	Mahmood Abu Farda
18.	Science and Art		10B		
19.	My Clean village	Kharsa Secondary Boys School	9	Shareef Amro	Ijbara Al Talahmea
20.	Together in a New Way		10		Fahed Al darweesh
21.	Impressive School Wall		9 A		Suha Daghameen
22.	School Mosque	Mu'ta Secondary Girls School	10A	Halima Al Rwashdeh	Haya Al Rawashdeh
23.	Student Parliament		9 C		Khawla Al Taweel
24.	Smart Garbage		10 D		Ahlam Hawamdeh
25.	Safe School Road	Imresh Secondary Girls School	9 A	Suhaila Qazaz	Katrine Amro
26.	School Transportation insurance		10 A		Faiha' Amro

South Hebron Directorate					
No	initiative	School	Grade	School Director	Teacher
27.	Educational School Environment	Banat Awa Secondary Girls School	9 A	Amal Darabee'	Ala'a Hreibat
28.	Smart Playground		10 B		Afaf Sweiti
29.	Green Beit Awa		10 A		Shirin Al Rojoob
30.	Recycling		9 B		Bothaina Sweiti
31.	Green Environment	Abdel Aziz Rojoob Girls School	10 A	Asmahan Al Hindi	Iman Al Shuraha
32.	Silent Danger		9 A		Iman Faraj Allah
33.	Electro-Thermal	Deir Samet Girls School	10 C	Refqa Rojoob	Inam Al Darabee'
34.	School Entrance Cleanness		10 B		Inseeh Al Namoor
35.	Early Marriage		10 A		Hala Abu Hleil
36.	School Mosque		9 b		Sonya Amayra
37.	Best to Spend Time with book	Ramadeen Secondary Girls School	10 B	Ma'zouza Al Sweiti	Amneh Al Daghaghmah
38.	School Garden		10 A		Haniyeh Al Wreidat



Yatta Directorate					
No	initiative	School	Grade	School Director	Teacher
1.	School Mosque	Ruk'a Secondary Boys School	9B	Ali Abu Aram	Hussein AL Hamamdeh
2.	Clean School Environment		9 C		Othman Nawaja
3.	Drinking Water Check		10 A		Hussein Rbei'i
4.	Use of School Wall to Increase Green Area		10 B		Munther Ahmad
5	Technology Employment in Learning Process	Ruk'a Secondary Girls School	9 A	Nofeh AL Jndi	Samah AL Basali
6	Behind the Country Walls, population shapes Hope		9 C		Fatmeh AL Jndi
7	Playing Roles		10 B		Fatima Almasri
8	I kneed my break in bulimia and chrysanthemums		10 A		Maisa Athamneh
9	Build School theatre	AL khansa' Secondary Girls School	9 A	Hiam Abu Eid	Bothaina Abu Hasan
10	Rethink Recycle		9 B		Aisha Abu Zahra
11	Innovation in formation		10 A		Yasmeen Abu Sabha
12	Development and talents support		10 B		Amal Hasniya

Yatta Directorate

No	initiative	School	Grade	School Director	Teacher
13.	Arrange Cafeteria Line	Hawa' Secondary Girls School	10 A	Samar Da'ajneh	Asia Al Hamoos
14.	School Playground Renovation		9 C		Maram Al Raj'e
15.	Build a private seating in the School Cafeteria		9 B		Ibtisam Bheis
16.	Planting around School Playground		10 B		Jehan Awwad
17.	Hand in Hand	Karmel Secondary Girls School	10 B	Muna Manasra	Janeet Abu Aram
18.	Bread Bazaar		9 A		Azar Abu Qubeiteh
19.	School Playground Rehabilitation with local community		9 B		Amal Jbour
20.	Bread Part		10 A		Islam Hosheih
21.	Road to Cafeteria	Beit Amra Secondary Girls School	10 A	Samira Abu Hasan	Ma'zouza Deies
22.	School Playground Rehabilitation		9 A		Isra Abu Arqoob
23.	Break in Playground	Karmel Secondary Boys School	9 A	Fawaz Hussein	Taiseer Abu Aram
24.	School Playground Rehabilitation		9 B		Mohammad Khazazi
25.	School Canopy and Cafeteria Line system	Amra Secondary Boys School	9 B	Aziza Abu Zahra	Mohammad Hasnat