

Smart & Sustainable Campus

ECS

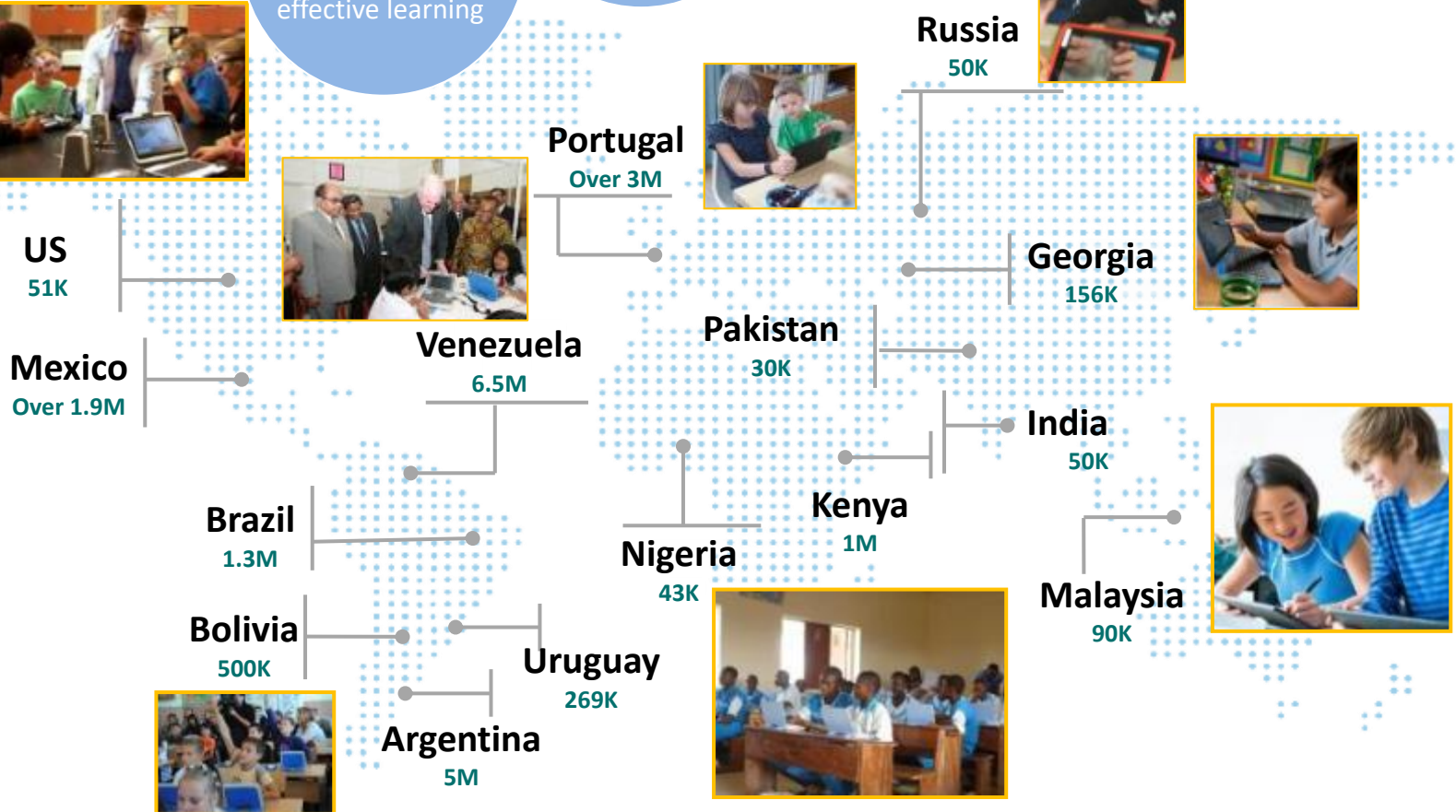


Our Achievement in Edu

35+
devices with
flexible and
diverse form
factor

23+
million
students benefit from
effective learning

70+
countries
engaged in
deploying project





10-years device development in Education

2006

1st CMPC E07 line up

- Step in education field with Intel

2007

- CMPC shipment 47K mostly generated by private sector

2008

2nd CMPC E09 line up

- 1st mega deal 560K to Portugal

2009

- Portugal tender 356K



2-in-1 / Tablet with Pen



Education Tablet



Convertible CMPC

2010

3rd CMPC E10 line up

- Deployment in Portugal school E10 x 250K
- 1st VZ tender 450K

2011

4th CMPC E11 line up

- 1st Argentina tender total 1.3M

2012

1st Convertible CMPC EC10 line up

- VZ tender 1M(CMPC) 、 Argentina tender 1M(CMPC)

2013

1st Tablet TR10 line up

- VZ tender 1.2M(CMPC) 、 Argentina tender 1M (CMPC)
- 100K 1st convertible CMPC launched in Bolivia

2014

1st 2-in-1 CMPC TL10EA line up

- VZ tender 2.2M (Tablet and CMPC) 、 Argentina tender 900K 、 MX720K (Tablet)

2015

1st 360° CMPC EG20BA line up

- MX tender 980K Tablet 、 Uruguay 125K Tablet 、 VZ 600K Tablet

2016

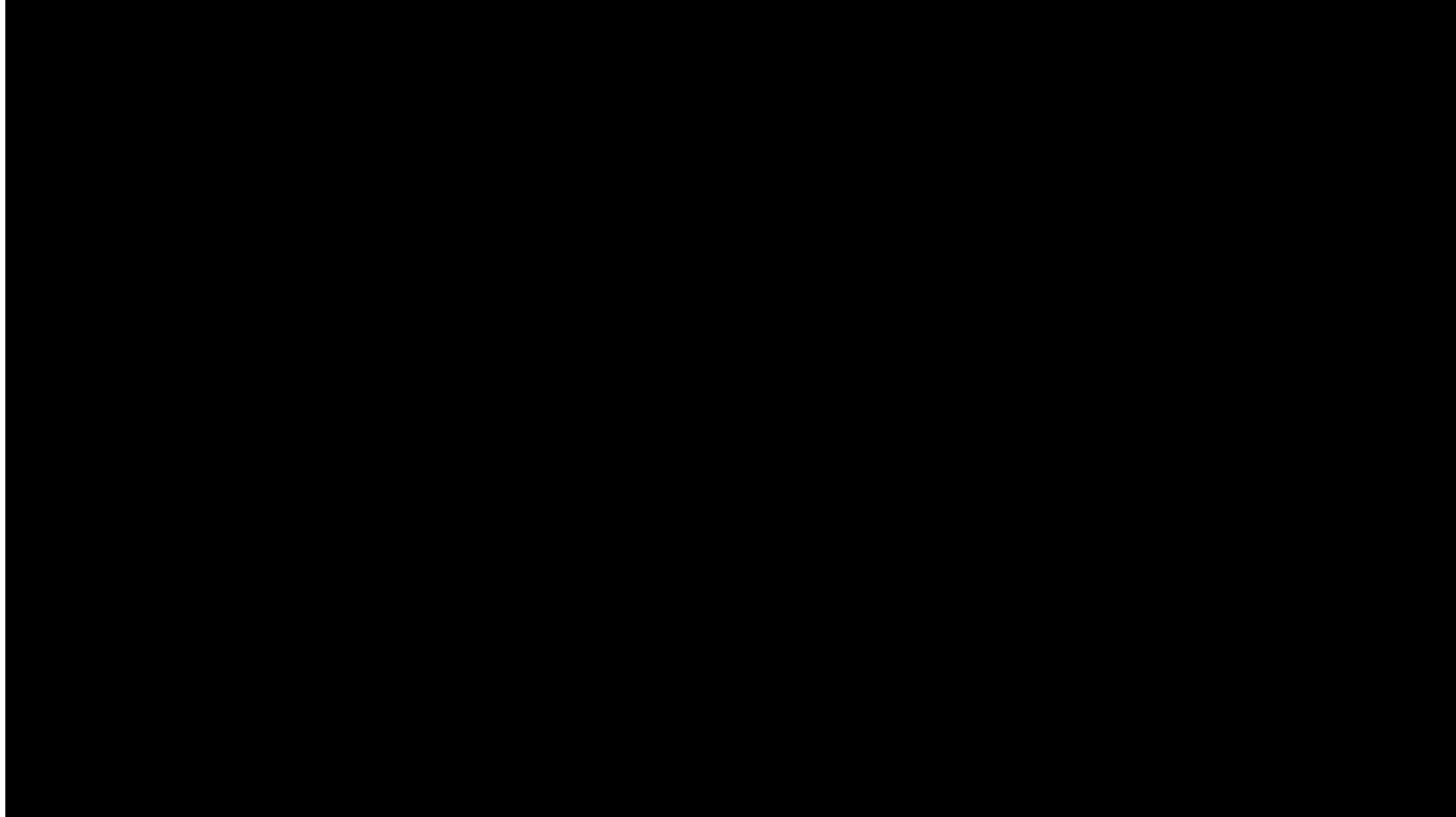
1st Ultra Thin & Light 360° ED20EA Convertible Laptop

1st Durable Series Teacher PC SF20/SF40/SF50 from 11.6-inch to 15.6-inch

- Kenya tender 1M Tablet 、 50K Teacher laptop



Our New Vision





End-to-end smart campus solution



Devices

Purpose Built device enabling e-learning



Learning

empowering and inspiring teachers on learning effectively



Security

ensuring student safety as well as all aspect

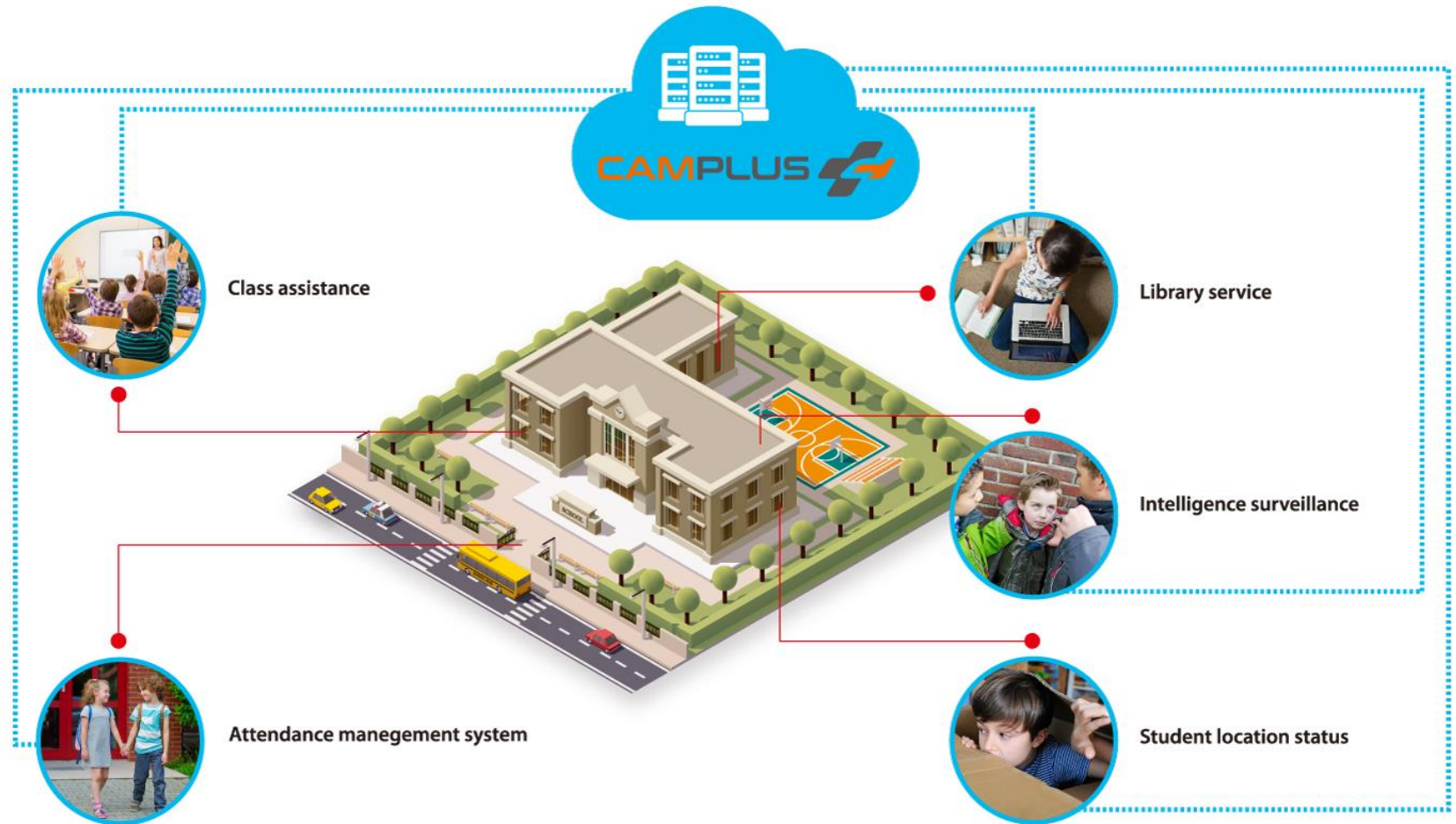


Management

enhancing school and campus administration Resource & Energy



Smart Campus Portfolio





Smart Campus infrastructure



Server

Student Location Status System

Class Assistance

Intelligent Surveillance

Attendance Management




Library Service System

Client

For students, teacher/principal, Parents

CAMPLUS

- Notification
- Alert
- Dashboard



Https

Web socket

Video streaming

Synchronization



Web socket

Beacon

For students

My Square

- Synchronization
- Dashboard





Camplus – designed for different persona



Attendance Management System



Student Location Status System



Intelligence Surveillance System



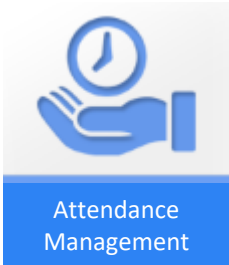
Class Assistance



Library Service System



Scenario – Attendance Management System



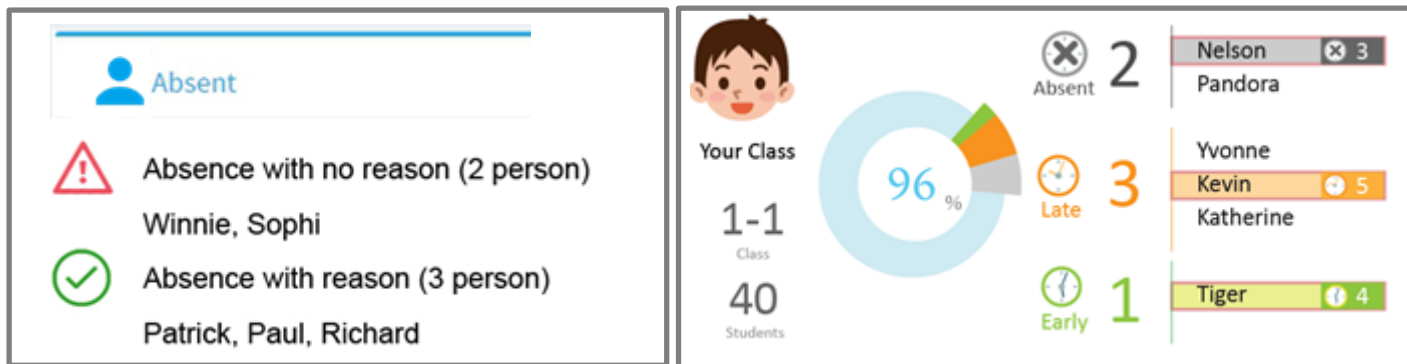
Via active notification to help teachers recognize those students needed more attention

- Time absence/lateness management
- Active notification for abnormal behavior through algorithm



With Attendance management system to monitor students' daily attendance and days absent can help teachers to identify students with chronic absence issue.

Story: In the morning, the teacher Jessica can view the daily students' attendance before class, which enables Jessica to monitor those students who have continuity of late or abnormal status





Scenario - Student Location Status System



- **Student Watch List**
To set co-related alert conditions of who/ where/ how long



Watch list

1 2 3

Alice
Emmy

Student Tracking

Name	Location	Time
Alice	Roof	10:12
Emmy	Roof	10:12



Scenario - Student Location Status System

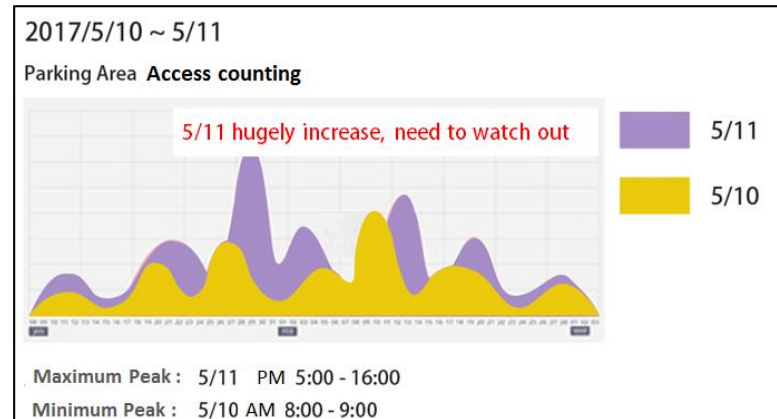
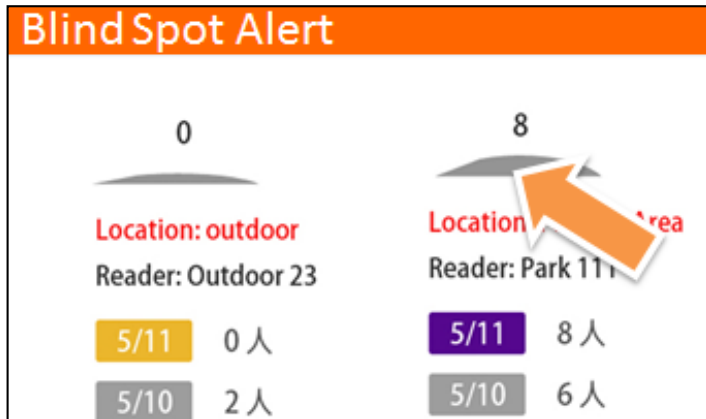


Blind spot alert

Was generated and suggested through accumulated data analysis (time interval/ event accumulation)

Space Occupancy management

Space occupancy rate generated through time/people count, for better energy management and equipment utilization





Scenario - Intelligence Surveillance



- **Emergency alert**

Sent mandatorily by system, can only be closed after checking, eliminate false alarm, and report back.



Alerts



Unclosed events 2
Closed events 8

Event Time	District	District Detail	Status
06/06 17:30	DeviceDetail2	ReaderDetail2	Sophi 18:30 Resolve
06/08 12:40	DeviceDetail1	ReaderDetail1	Sophi 15:30 Resolve



Scenario - Intelligence Surveillance



- **BLE receiver and IP cam as complementary**
To identify student's last presence or seen location. Also to identify if student is still in school.



Administrator's page:

Watch list

1

2

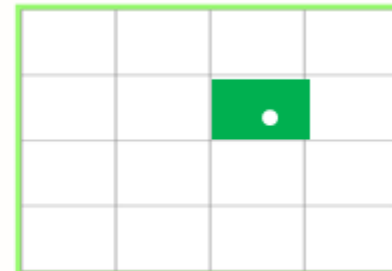
+

Alice
Emmy



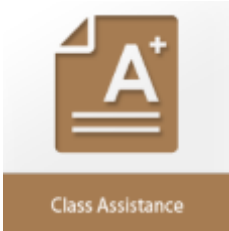
Student Tracking

Name	Location	Time
Alice	Roof	10:12
Emmy	Roof	10:12





Scenario - Class Assistance



- **E-learning**
Real time scoring and effective teaching curriculum management

Teacher's page:

< 2017 W10 03/06 ~ 03/10 >

March	6 Mon	7 Tue	8 Wed	9 Thu	10 Fri
1					
2	Math 105				Math 203
3		Math 104	Math 103	Math 102	
4		Math 102			
5	Math 301				Math 101
6		Math 302	Math 202		
7				Math 304	
8					Math 201

Math 102

03/07 11:00 ~ 12:00
Student: 30 Attended: 29

Memo

Multiplication Quiz
Bring compasses

Activities

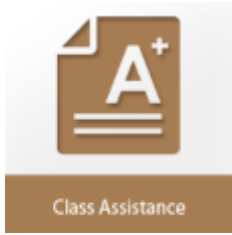
Course review:

Name	Reward	Count	Group	Homework	Overall
Bill	2	3	A	✓	A+
Alice	0	3	A	✓	A+
Belinda	2	1	C	✓	A-
John	1	0	D		B+
Jerry	5	5	B	✓	A-
Annabelle	3	6	D		B+
Sandy	2	9	C	✓	A
Timothy	4	1	A	✓	C+
Marina	0	2	B	✓	B+
Tobey	2	0	C	✓	B+

(Picture for reference only)



Scenario - Class Assistance



- Dedicated school communication platform
- Dedicated class e-bulletin board



Which one is your favorite Easter egg?

Sophi
2017 / 06 / 20 2:00 PM

5 replies

Eggs are definitely a symbol many of us relate to Easter. In a lot of households, it is a tradition to spend time coloring Easter eggs. Eggs, whether they are real or plastic, are hidden and participants are challenged to search for them. Easter baskets are filled with egg-shaped treats.

Here are some creative and fun projects and activities that revolve around

Easter eggs:

Dyeing Easter Eggs

Check out all of these creative ways you can dye your eggs.

Easter Egg Crafts

Browse through this collection of fun egg crafts that you can use to decorate or just to celebrate.

Amanda
I did some.
They come out beautifully.

Today 3:30 PM

Lily
It's look great!!

Today 4:30 PM

Mike
How can @Amanda color your eggs naturally?

6/19 12:30 PM

Jessie
I like them in black.

6/18 9:30 AM

Jame
Ewww. @Jessie.

6/18 8:30 AM

New Posts

+ Add an Advert

Latest Posts

Will you learn PHP in 2017? Or is it considered to be the bad language ?
rbrtsmith - Today, 12:04 PM

Multiple banners on mobile version [Jetpack]
Demonolith - Today, 09:16 AM

No traffic - is my road closed!
BrowserBugs - Today, 08:29 AM

New to Web Design
rbrtsmith - Today, 07:31 AM

Randomise Thumbnail Images Order
rbrtsmith - Today, 07:27 AM

WordPress or Shopify
heylouise - Yesterday, 11:57 PM

Thoughts on my Funny Pictures website...
webdesigner93 - Yesterday, 07:25 PM



Scenario - Class Assistance



- Through competition and reward, to increase student's adhesion with the watch.



Student's page:



Husky



Keep up the pace!
 Estimated active minutes **20** or step **1200**;
 you can upgrade the rank.

Ranking		
1st		Tiger 128,235
		Amber 119,235
		Kevin 116,894
		Henry 112,743
		Fabian 108,999
		Rachel 99,083
7th		YOU 85,549
		Bill 82,302
		Amber 119,235
		Kevin 116,894
		Henry 112,743
		Fabian 108,999
		Rachel 99,083



Scenario - Class Assistance

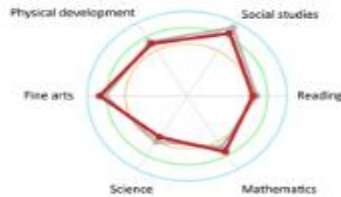


Class Assistance

- In school activity collection as personal footprints, can be school's enroll highlights.



United States
 Student: Nelson
 Teacher: Emily
 Class: 502



Information Reported by the Student

College Choice

College Code	9521
Choice	1st

College Selection Items

Item	Rank
Type	4th
Student Body Composition	8th
Location	4th
Cost (Maximum Tuition)	2nd
Size	3rd
Field of Study	1st
Other Factor	7th

High School Information

Self-Reported Rank	Top Quarter
Self-Reported GPA	3.0-3.4

Major

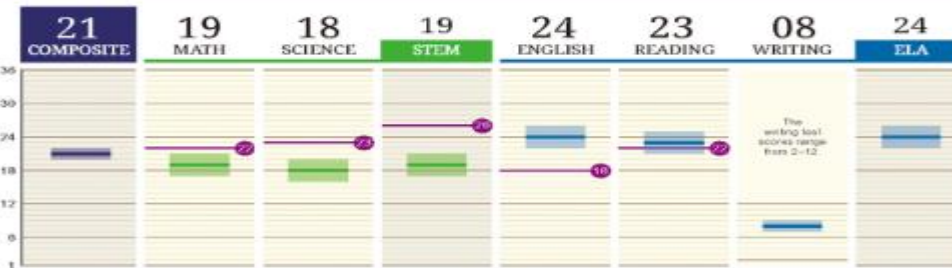
Accounting

Accounting Progress: 100% (1st year), 100% (2nd year), 100% (3rd year)

Accounting Score: 4 (2 years)

US Rank

Subject	Rank
Composite	99%
Math	49%
Science	33%
STEM	43%
English	74%
Reading	94%
Writing	92%
ELA	82%



Student's Score
 Student's Score
 Student's Score Range

ACT College Readiness Benchmarks
 Readiness Benchmark
 If a student's score is at or above the Benchmark, he or she will likely be ready for first-year college courses in the score-appropriate subject area. There are currently no Benchmarks for ELA or writing.

Student's Score Range
 Test scores are estimates of the student's educational development. Think of these achievements as the test as being within a range that admits about one standard error of measurement, or about 1 point for the Composite and writing scores, and 2 points for STEM, ELA, and the other test scores, above and below the student's score.

Institutional Rank

UNIVERSITY OF OMEGA



Detailed Results

Subject	Score	% correct
MATH 19		
Preparing for Higher Math	22 of 35	63%
• Number & Quantity	5 of 5	100%
• Algebra	5 of 8	63%
• Functions	4 of 8	50%
• Geometry	4 of 8	50%
• Statistics & Probability	2 of 6	33%
Integrating Essential Skills	11 of 25	44%
Modeling	9 of 22	41%
SCIENCE 18		
Interpretation of Data	9 of 16	56%
Scientific Investigation	7 of 10	70%
Evaluation of Models, Inferences & Experimental Results	5 of 14	36%
ENGLISH 24		
Production of Writing		
Knowledge of Language		
Conventions of Standard English		
READING 23		
Key Ideas & Details		
Craft & Structure		
Integration of Knowledge & Ideas		
Understanding Complex Texts		
WRITING 08		
Ideas & Analysis		
Development & Support		



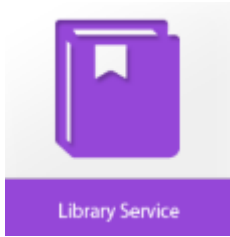
Students Records

- Grade 1**
Composition competition Champion
- Grade 2**
Swimming competition Champion
International danny kaye children's award
- Grade 5**
Student green painting competition





Scenario - Library Service System



- **Adaptive reading**

Book recommending by system, based on student's interested topics.
Or teacher could assign for reading.



Book Collections Close Header

Category: Arts Search

Show 10 Entries

Book	Title	Category	ISBN	Adaptee Age	Floor	Zone	Action
	Contemporary Art in Germany, Austria and Switzerland Adler, Phoebe (EDIT)/ Hayman, Leanne (EDIT)/ Müller, Dominikus (INT)	Arts	9781507317096	None	None	None	Recommend
	Planetscapes: A Star Wars Journal Media Lab Books (COR)	Arts	9781942554466	None	None	None	Recommend
	Seeing the Story: Storyboarding Techniques for Filmmakers and Media Artists Orsiand, Giuseppe/ Goring, Trevor/ Kasky Goring, Joyce	Arts	9781138787124	None	None	None	Recommend
	Aesthetic: Scenes from the Aesthetic Regime of Art Ranciere, Jacques/ Paul, Zahir (TRN)	Arts	9781781653088	None	None	None	Recommend



Camplus Solution Pack

Complete solution for fulfilling schools' basic requirements, composed by **Individual Units**, **Shared Units** and **Management System**.

Individual Units:

- Student Device (Self equipped)
- Student Watch with My square application

Shared Units:

- BLE Receiver

Management System:

- Camplus middle ware
- Camplus app for 4 different persona

Mini Sever:

- LIVA mini PC



Note: Requires Local SI to prepare Server, IP CAM, Internet access & Power electricity.

Suggested server spec (for 350 students) needs E3 processor, 32G ECC RAM, 2 x Giga Ethernet Lan, 2T storage.



Camplus Solution Pack

Camplus is designed for 4 default persona (Principal/ Supervisor/Teacher/ Student) in our campus scenarios, which including 2 APPs:

- My Square APP (for Mobile Android 5.1-7.0/ Win 8-10 device)
- Camplus APP (for Mobile Android 5.1-6.0 /Win 8-10 device & Web Browser)

Camplus System

(for Principal/ Supervisor/Teacher/ Student)



My Square

(for Student)



Camplus and My square are bundled with ECS Classmate PC series as a whole set of solutions for student.

Note: For other OS version requirement, kindly discuss with account sales for the additional customization NRE.



Thank you