

# Empower Educators to Proactively Intervene!

**Satish Kumar**

8th International Skills Forum  
27–29 August 2019  
Asian Development Bank, Manila, Philippines



**STUDENT  
ASSESSMENT in K-12  
Aug 29, 2019**



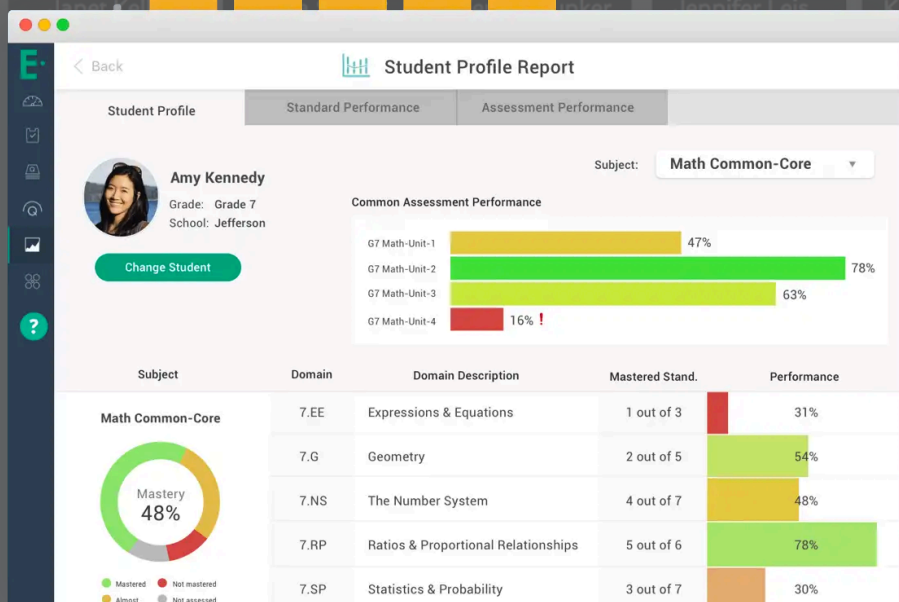
# Snapwiz Adoption

USA, India, Singapore, Hong Kong, UAE, Europe, Canada, Australia

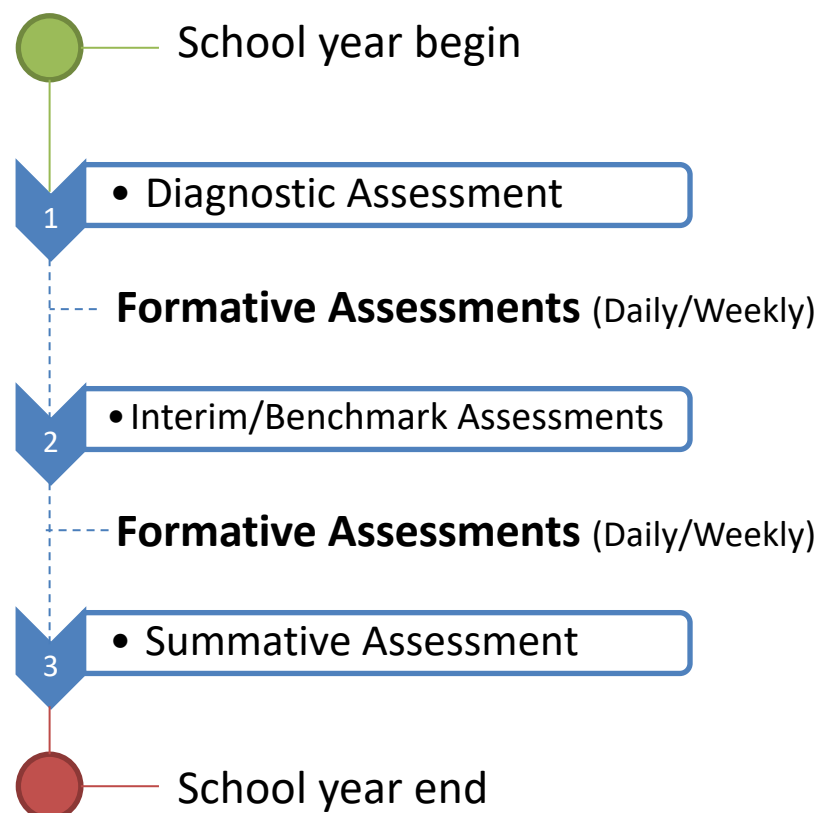




# EduLastic



## K-12 Formative Assessments





# Usage

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**400K**

Teachers

**4775**

School Districts

**10M+**

Students

**1.2 Billion+**

Questions Answered

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Teacher Centric | Instant | Collaborative



# 8th International Skills Forum Future of Skills and Jobs in the Age of Digital Disruptions

27-29 August 2019 • Asian Development Bank, Manila, Philippines



**Tech-enhanced**  
assessments that are  
engaging. It also **auto-**  
**evaluate** difficult to  
measure skills

Q1.Match shapes with the names



Drop here



Drop here



Drop here

Pentagon

Square

Circle



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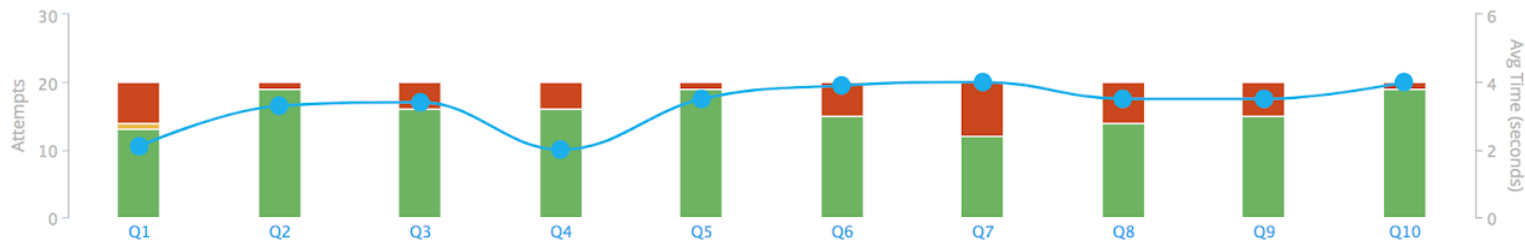
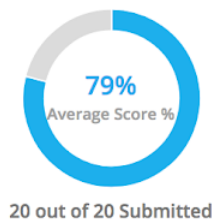


Live Class Board

Express Grader

Reports

Present



Select All

Print

Redirect

More

BB Benito Bevans  
GRADED

PERFORMANCE

10/10 100%

QUESTION RESPONSES



[View Responses >](#)

AC Augustus Claburn  
GRADED

PERFORMANCE

9/10 90%

QUESTION RESPONSES



[View Responses >](#)

LC Lela Cottam  
GRADED

PERFORMANCE

8/10 80%

QUESTION RESPONSES



[View Responses >](#)

DC Diann Covarruvia  
GRADED

PERFORMANCE

3.5/10 35%

QUESTION RESPONSES



[View Responses >](#)

VH Verlie Hanly  
GRADED

PERFORMANCE

9/10 90%

QUESTION RESPONSES



[View Responses >](#)

SH Sanda Hedgesp...  
GRADED

PERFORMANCE

10/10 100%

QUESTION RESPONSES



[View Responses >](#)

DK Drew Krueger  
GRADED

PERFORMANCE

9/10 90%

QUESTION RESPONSES



[View Responses >](#)

MM Marlo McGuckin  
GRADED

PERFORMANCE

9/10 90%

QUESTION RESPONSES



[View Responses >](#)

KM Keshia Mondell  
GRADED

PERFORMANCE

7/10 70%

QUESTION RESPONSES



[View Responses >](#)

ZM Zita Montoure  
GRADED

PERFORMANCE

5/10 50%

QUESTION RESPONSES



[View Responses >](#)

RP Ron Penya  
GRADED

PERFORMANCE

10/10 100%

QUESTION RESPONSES



[View Responses >](#)

HP Huong Pietrzak  
GRADED

PERFORMANCE

9/10 90%

QUESTION RESPONSES



[View Responses >](#)

## Auto-grading and instant student feedback









# Track student skill mastery in the Offline world

**EduLastic**

**Name:** Rebecca Patterson  
**Assessment:** Chapter 5 Quiz  
**Class:** Albert Einstein Period 3



1	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	11	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
2	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	12	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D
3	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D	13	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
4	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	14	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
5	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D	15	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
6	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D					
7	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D					
8	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D					
9	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D					
10	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D					



**Rebecca Patterson**  
SCORE: 0.8

Print bubble sheets and Scan with our SnapScore Mobile App to Auto-Score!



Add a  
knowledge  
layer on  
top of  
existing  
pdf content  
for instant  
feedback

Math Grade 7

View as Student | Save as Draft | Review → 1

Select question type

Multiple Choice | Multiple Selection | Text Entry | Numeric | Essay | Expression Evaluator

Session 1—Math (No Calculator)

1 Use the expression below to answer the question.

Multiple Choice

Options ABCD

A B C D

Points 1

Delete Accept

B. Zach owes  $\frac{3}{4}$  of the original price of his car. Each month he pays  $\frac{2}{5}$  of how much he still owes on the car. What fraction of the original price does Zach owe after this month's payment?

C. Abdi owes Kim  $\frac{3}{4}$  of a dollar. He needs to borrow more money from Kim. Abdi then borrows  $\frac{2}{5}$  of how much he owes. By what fraction of a dollar does the amount Abdi owes Kim change?

D. Abdi owes Kim  $\frac{3}{4}$  of a dollar. He pays her  $\frac{2}{5}$  of how much he owes. What fraction of a dollar does Kim receive from Abdi?

2 Angles F and G are complementary angles. Angles G and H are supplementary angles. The degree measure of each angle is a whole number. What is the smallest possible measure of angle H?

A.  $1^\circ$   
B.  $89^\circ$   
C.  $91^\circ$   
D.  $179^\circ$

12 / 44

First Previous Next Last

Just Upload PDFs or Google Document to create a SnapQuiz that is Auto-scored!





## Impact on Teacher

- Less grading, More teaching
- Early warning system
- Differentiated instruction

## Impact on Student

- Students take the charge of their personalized learning
- Immediate feedback on poor skills gives another chance to develop mastery

Standard Performance Analysis by Students | Math A#1 (ID: 761565)

Students ⇅	Overall ⇅	7.EE.A.1 Points - 2 59%	7.EE.A.2 Points - 1 76%	7.EE.B.4 Points - 3 63%	7.G.A.1 Points - 1 74%	7.NS.A.1 Points - 3 58%	7.NS.A.2 Points - 2 67%
Arnette Hartnett	33%	0%	100%	33%	100%	25%	50%
Sudie Lackett	31%	0%	0%	33%	100%	38%	0%
Cherise Riherd	91%	50%	100%	100%	100%	100%	100%
Jackqueline Kenkel	43%	100%	100%	0%	100%	13%	100%
Bo Coolahan	58%	100%	100%	67%	100%	63%	0%
Candis Joris	42%	50%	100%	0%	0%	50%	100%



## Impact on Teacher

- Less grading, More teaching
- Early warning system
- Differentiated instruction (ELL / IEP / RTI)

## Impact on Student

- Students take the charge of their personalized learning
- Immediate feedback on poor skills gives another chance to develop mastery
- Creates a positive reinforcing loop for student learning



# Learning Outcome\*

88%

Exceeded the state average in **Math**

75%

Exceeded the state average in **Science**

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**6** of the top **10** middle schools recognized for Math growth

**7** of the top **20** middle schools recognized for Overall growth

\* School Districts in Arkansas State, USA  
who used Edulastic for more than 1 year



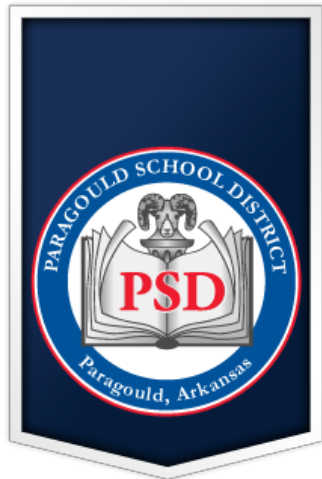
# Paragould School District, Arkansas

**Ranked #1** in the state for middle school math growth in the 2018 report.

“

*The Paragould School District was very excited to see the great gains in Mathematics on the 2017-18 ACT-Aspire Exam. The district would not have accomplished this without the help of Edulastic. This will be our second year using Edulastic and we are hoping to see more growth in both Mathematics and Literacy.*

- Matt McGowan, Math and Technology Specialist at Paragould School District in Arkansas

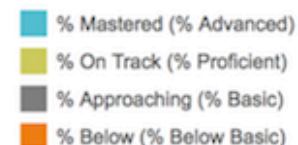




# West High School of Knoxville, Tennessee

- **14.3% of students in Math and ELA** who were struggling in the Below Basic category were advanced into higher level brackets.
- **Honored by the Tennessee Department of Education** as a **Level 5 School**, the highest attainable level.

## TNReady - Math



2016



2017





# Thank you!

## Satish Kumar

+1-650-678-8801 / [satish@edulastic.com](mailto:satish@edulastic.com)