



Angaza Elimu
Elevating the Classroom Experience

A Digital Teaching, Learning & Tracking Platform

Learning and Teaching Challenges



Head Master/Mistress & Teachers

Content delivery **INEFFICIENCIES**

NO TIME to address and track Individual performance

INEFFICIENT class & school-wide performance tracking



Students

Ordinary studying is **BORING**

Slower students **STRUGGLE**

Content is **TOO EASY** for more able students



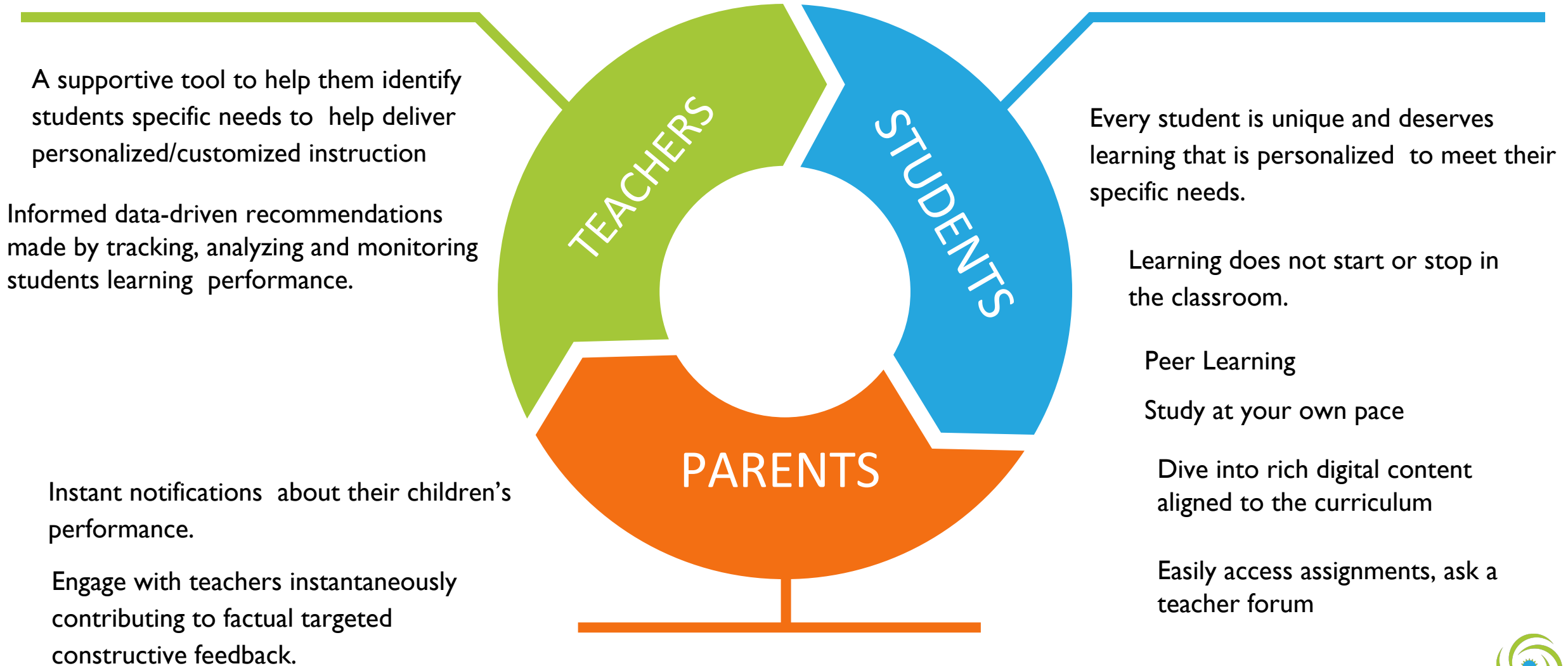
Parents

HARD TO TRACK performance

Child **CANNOT SHOW** progress to their parents

LACK OF INFORMED COMMUNICATION with a teacher

The Benefits of using Angaza Elimu



| The Future of Learning – Angaza Elimu

Angaza Elimu aims to support **teachers**, **students** and their **parents**, by setting out a practical approach for seeing analysis through to impact.

2 key elements of addressing students learning:

1. **KNOW THE GAPS**

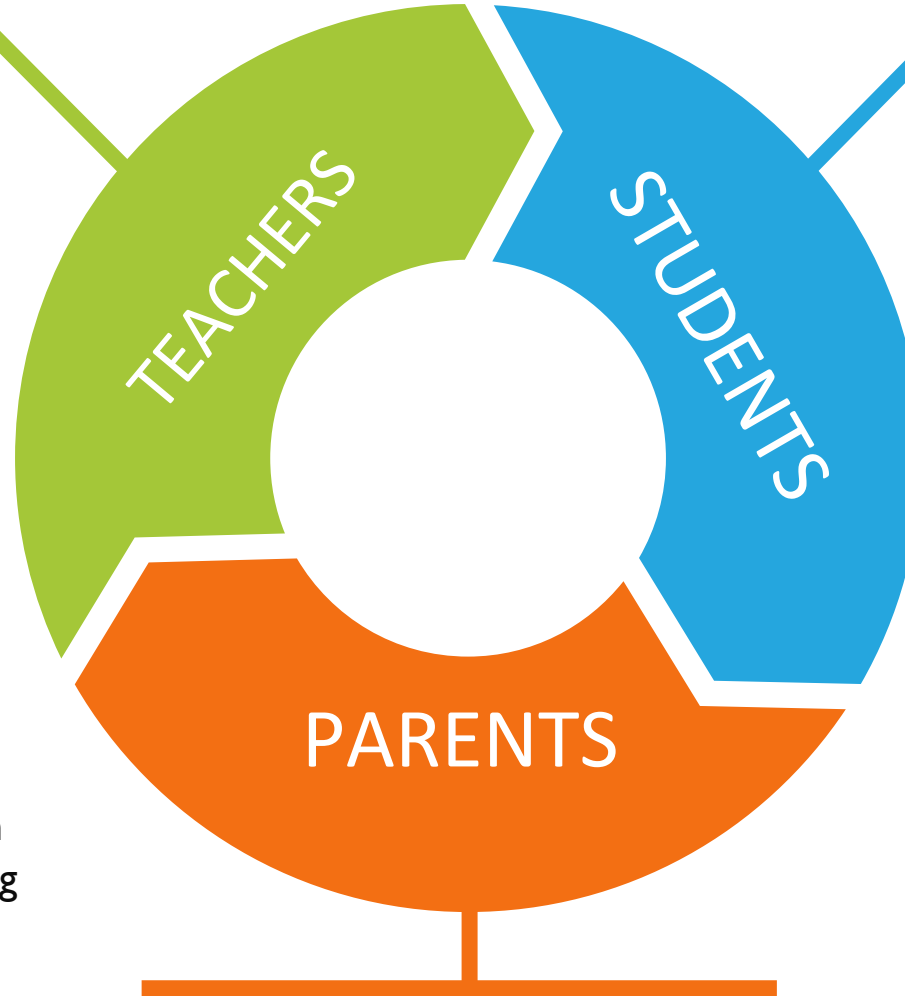
Via a needs assessment of the students on a certain sub-topic. Enabled by good data analysis that leads to action & impact

2. **MIND THE GAPS**

Customising the teaching methodology to best fit the need of the class. Planning for progression, effective pedagogy and personalised intervention



Impact created to date



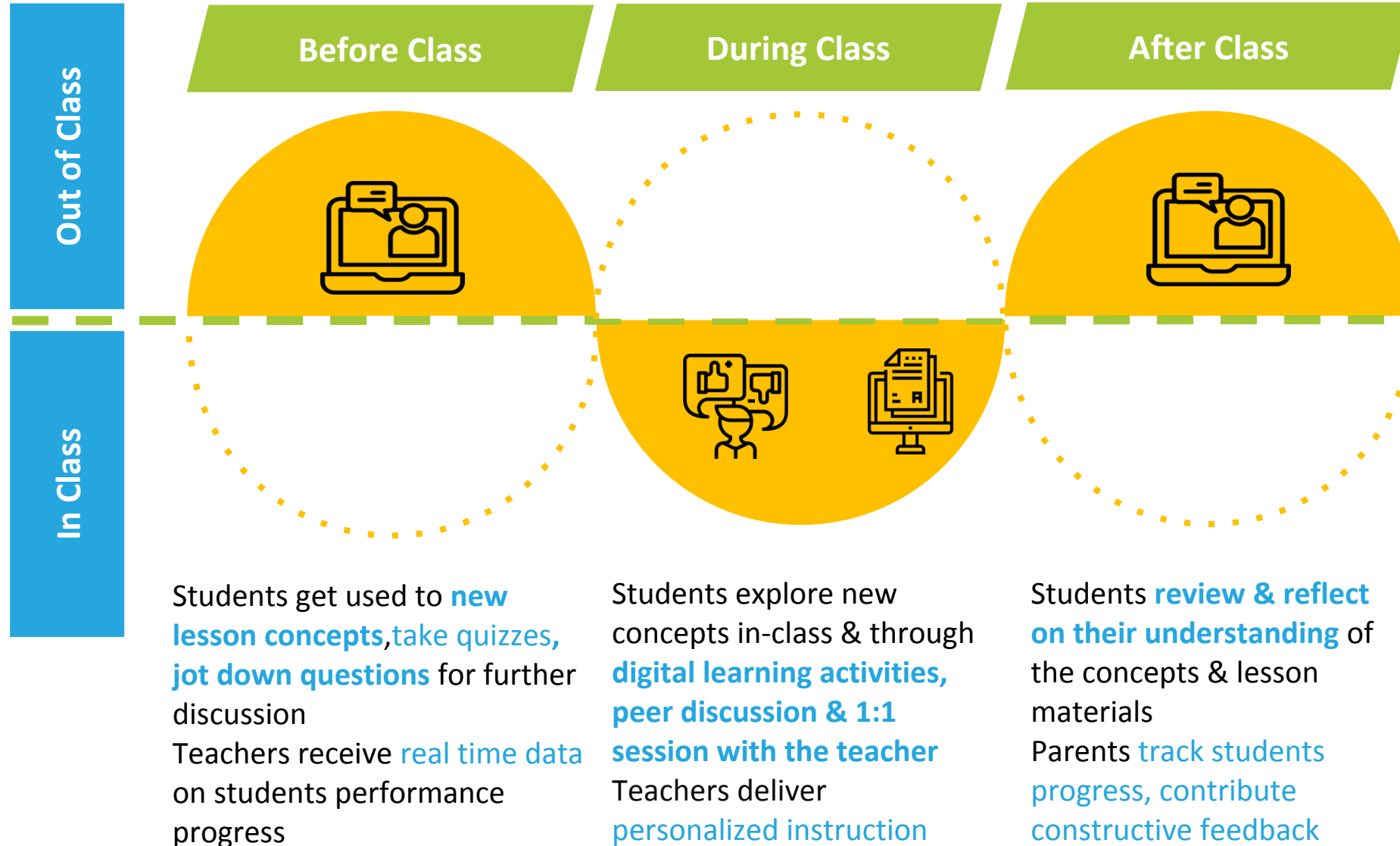
Teachers have saved 13500+ minutes by reduced administrative tasks, such as routine assessments, monitoring progress, and generating progress reports and instead focus on personalized instruction.

Students have recorded an average of 24% improvement in overall academic performance. Key improvements have been recorded in English, mathematics and science subjects.

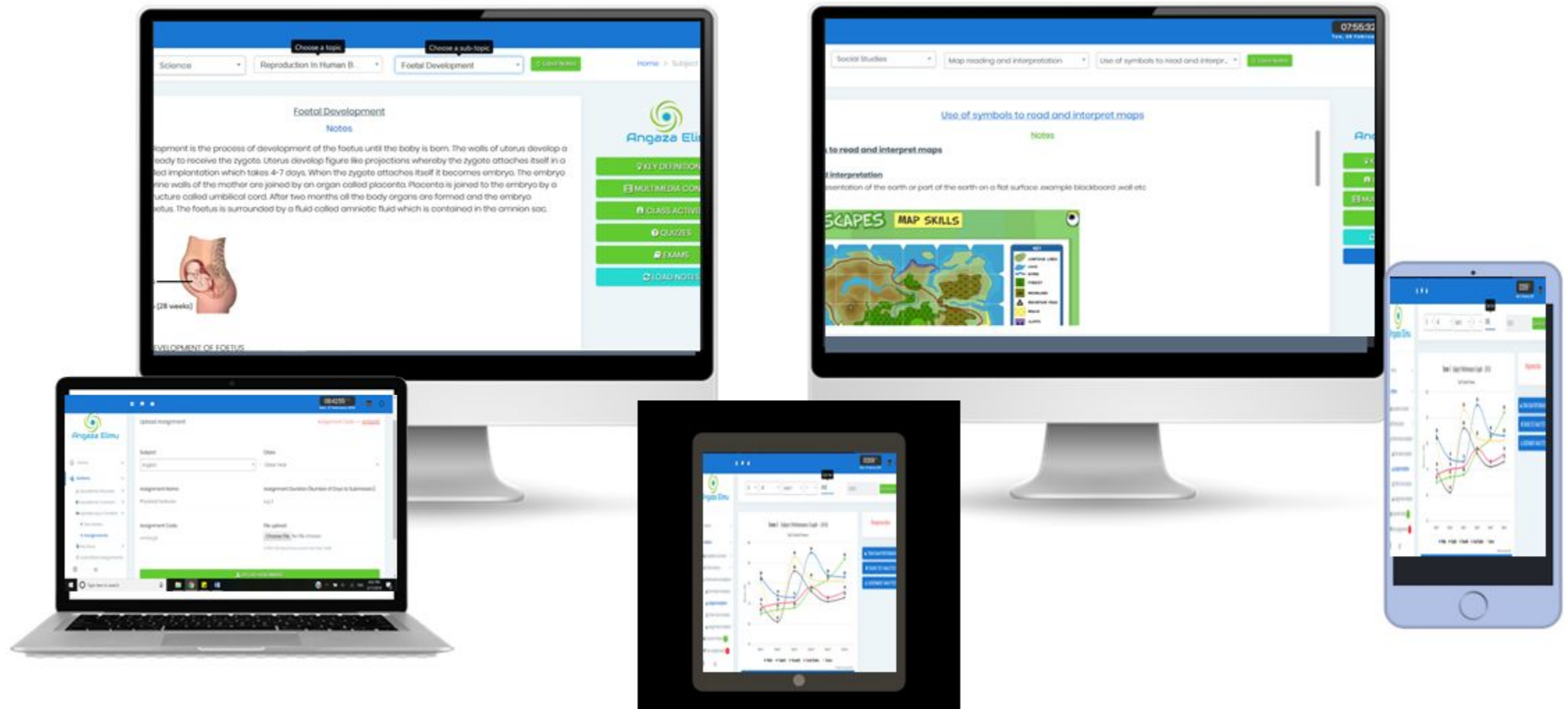
More than 85% of Students have gained great interest in STEAM related courses

Parents have saved more than \$7200 by subscribing their children on our platform instead of buying textbooks hence reducing the financial barriers to educational resources.

THE FLIPPED CLASSROOM

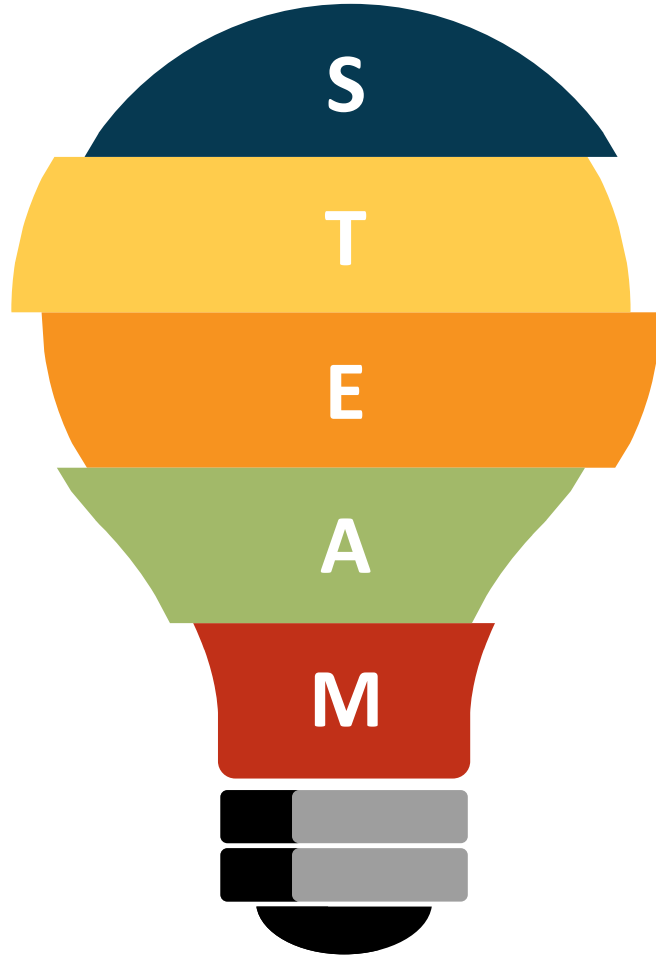


Adaptive and Interactive web & mobile based eLearning platform



& there is even more to **Angaza Elimu!**

In Partnership with



Science

Technology

Engineering

Arts

Maths

P

R

O

G

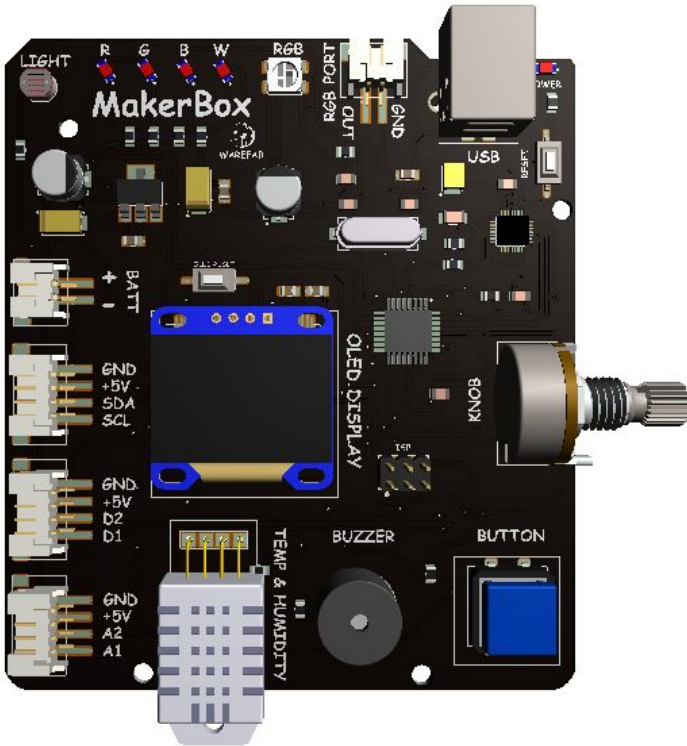
R

A

M

Training Kits and Guides Supply

In Partnership with



WAREFAB

Save Project Open Project Check Errors Run on MakerBox Settings Menu

Toolbox

- Logic
- Loops
- Math
- Text
- Variables
- Functions
- Inputs/Outputs
- Setup
- Display
- Sensors

Blocks Programming

Set LED_RED to HIGH

Print to Display at pos X 10 Y 40

Get Ambient Light

Text Based Programming

```
1 /*
2 * Maker Box : Blocks to Code
3 * (c) 2019 Warefab
4 * Autogenerated code
5 */
6
7 #include <Warefab_Maker_Box.h>
8
9 void setup()
10 {
11     mBox.init();
12     pinMode(LED_RED, OUTPUT);
13 }
14
15 void loop()
16 {
17     digitalWrite(LED_RED, HIGH);
18     oled.setCursor(10, 40);
19     oled.print((analogRead(LDR)));
20 }
21 }
```

::: Program initialized successfully.

Console

Innovators STEAM Program

In Partnership with

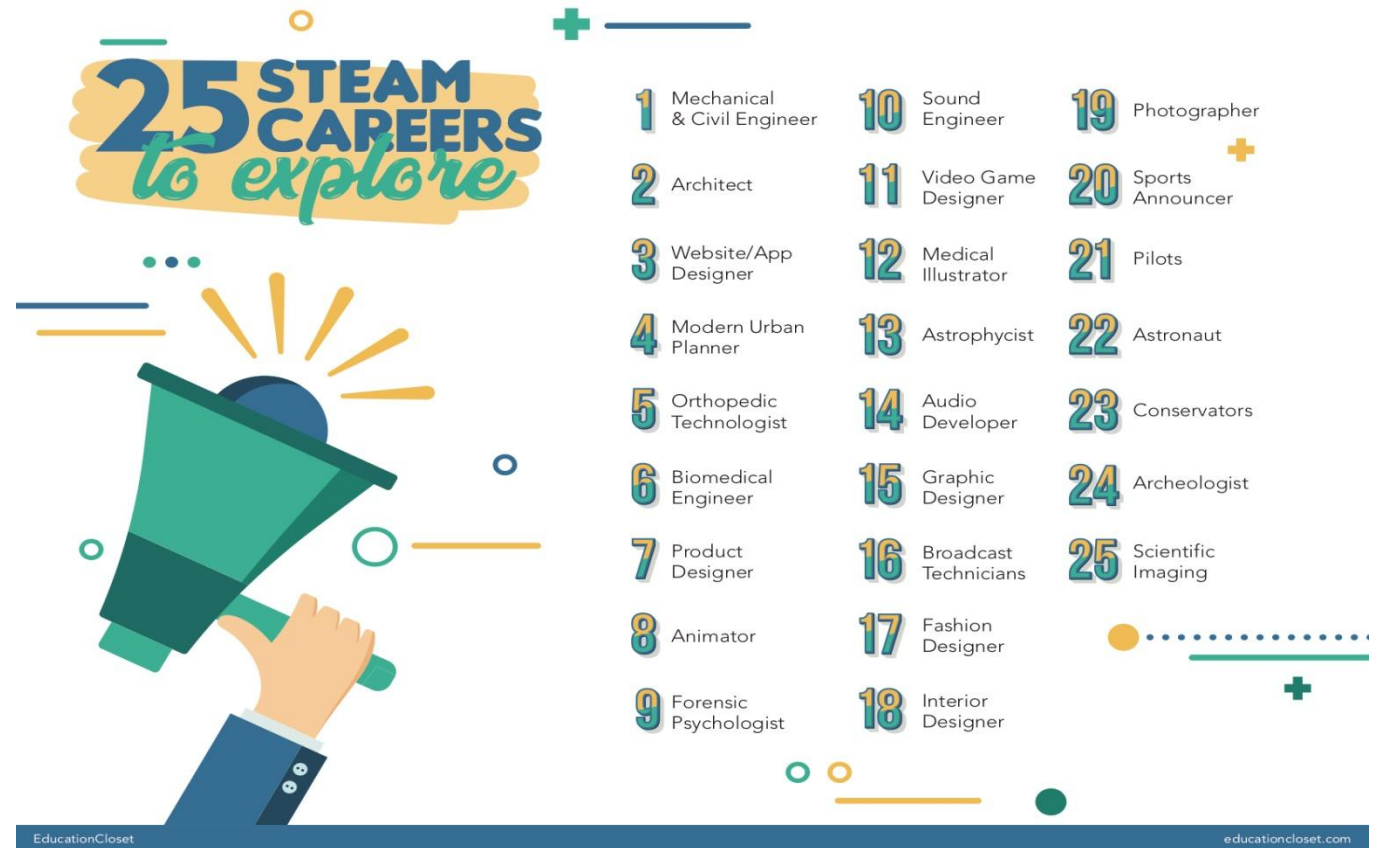


| Level | Age | Physical Computing | Creative Computing |
|------------|------|--|---|
| Leonardo | 6-12 | <ul style="list-style-type: none">• Basic Electronics• Drag 'n' Drop Programming• Robotics• Internet of Things | <ul style="list-style-type: none">• Game Programming• Animations Programming• Internet Safety• Computer Aided Design |
| Archimedes | 13+ | <ul style="list-style-type: none">• Advanced Electronics• Block and Text Programming• Robotics and Automation• Internet of Things• Electronic Circuit Design• Mechatronics and Embedded Systems | <ul style="list-style-type: none">• Web Development• Mobile App Development• Advanced coding• Computer Aided Design• |

| STEAM takes STEM to the next level

The end results in students who:

- Take thoughtful risks
- Engage in experiential learning
- Persist in problem-solving
- Embrace collaboration
- Work through the creative process



These are the innovators, educators, leaders & learners of the 21st century!

| The Future of Learning – Angaza Elimu

Corporate Social Responsibility

WHAT for every three private school annual subscriptions to Angaza Elimu we will give away for free a subscription to a marginalized public school

WHERE in Kenya

WHY because we believe that access to 21st century education is a right, not a privilege



Get in touch with **Angaza Elimu**



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We would **love** to **continue** the conversation!