

# SAMANTHA

## 21ST CENTURY

EDUCATION



# Why?

### 21st Century Learning

Check out our Samantha tutorial for this month on page 10

LEARN WHY, HOW & WHEN!



PORGIESOFT



## EDITOR'S NOTE

This magazine is designed for students in West Africa to encourage the use of EdTech (education technology) and promote 21st century learning.



# TABLE OF CONTENTS

04 > WHY?

05 > HOW?

07 > WHEN?

09 > FINALLY

10 > TUTORIAL: CREATING AN  
ACADEMIC REPORT

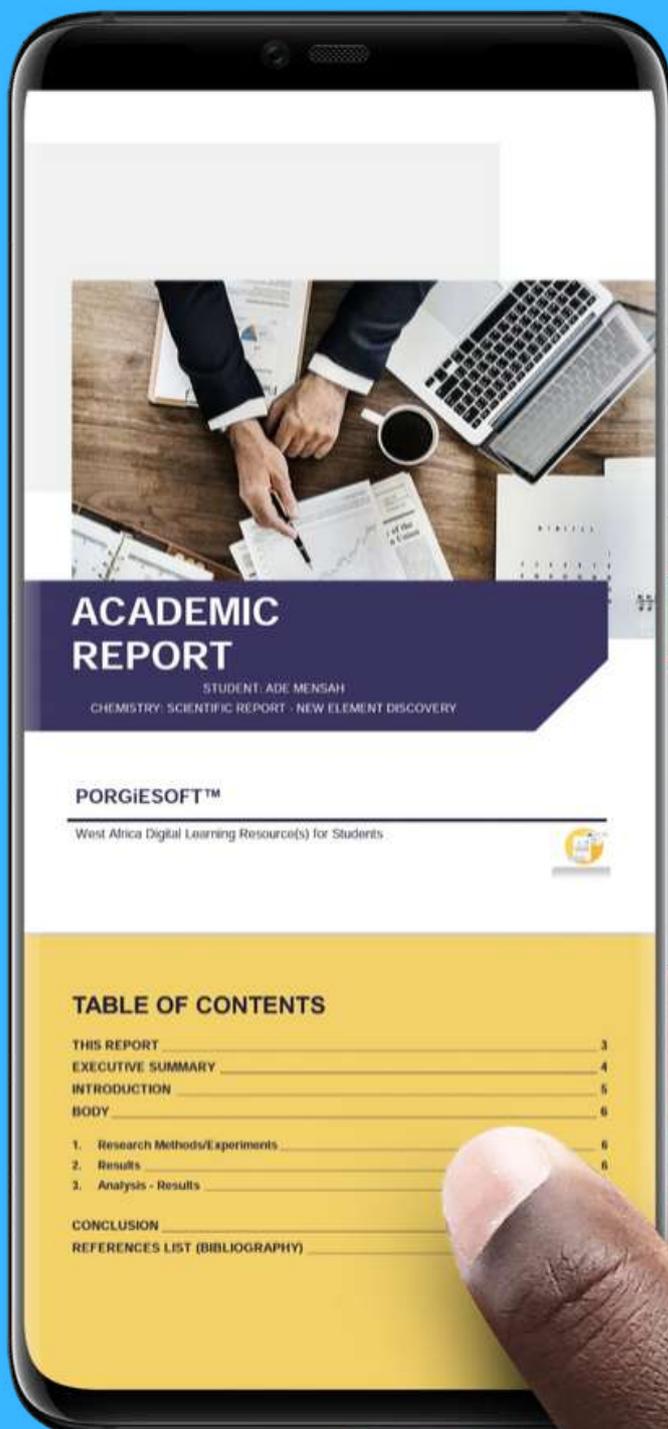
18 > PRODUCTS

25 > SCHOOLS

SCHOOL FEATURE: JEPHTHAH  
COMPREHENSIVE SECONDARY  
SCHOOL

26 / E-INTERVIEW: HEAD OF  
SCIENCE - ARNOLD OMALE

30 > NEWS REPORT



1

# Why?

*Learn why 21st century education is vital*

Life is changing, technology is changing almost everything - even in education. Due to the advancements in technology, the need for 21st century education has become critical.

21st century education can be described as modernised education, that is learning or teaching that takes advantage of technology in some way. It could be using videos, electronic documentation, educational software/hardware and other smart teaching/learning tools.

Failure to adopt 21st century teaching or learning will inevitably lead to failure. Students will find that they will not possess the necessary skills to properly function in the society later on, if they fail to adopt 21st century education.

160 M

## **BIG PROBLEM**

Over 160 million students are not adopting 21st century education in West Africa.

the estimated number of students in West Africa who are **NOT** adopting 21st century education

# 2

# How?

*Learn how to practise 21st century education*

To practise 21st century education, there are a few things you'll need. Just like when you are about to embark on a long journey, you'll need to be prepared before you embark on this journey. Here are a few things you'll need to change:

**YOUR MENTALITY:** For 21st century education, you'll need a super-positive and enthusiastic mentality. The negative mentality that "this will not work" or "I don't have this or that" will hold you back from practising 21st century education. No matter how difficult your situation is, be determined to work with what you currently have and try your best to practise 21st century education.

**YOUR TOOLS:** 21st century education requires new tools. These tools are available for download over the internet or you can buy a physical copy of the software. You'll also need to gradually move away from the use of paper documents, blackboards etc to the use of computer systems. The good news is that there are so many FREE tools to use.

**ACTION:** Look for small opportunities to use technology in your learning.

# 10,000+

the estimated number of tools  
available



# 3

# When?

*Learn when to practise 21st century education*

The time to practise 21st century education is NOW. Stop procrastinating and start practising 21st century education. If you are not yet practising 21st century education (e.g you still write everything using a pen in a notebook, you don't really use computers very much in your learning at your educational institution) there are a few things you can do get started with practising modern 21st century education.

Here's a list of the things you can do -

**SET A DATE:** Set a date that you'll start practising 21st century education and write down that date. Work towards that date & from that date onwards, gradually change to 21st century education.

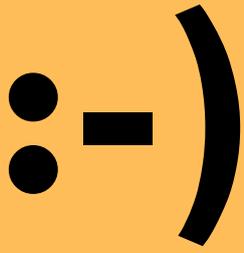
**FIND OTHER STUDENTS WITH SIMILAR TARGETS:** There are other students like you who want to switch to 21st century education in the near future. Work together with them and see if there are ways you can help each other.

**ACTION:** Think about a date within the next 6 months and start practising 21st century education from that date onwards.

# 6,000+

the estimated number students in West Africa trying to switch to 21st century education





# Finally

*Summary*

As a student in West Africa. You've learnt why you need to switch to 21st century education, you've seen how to do it and you've also seen when you need to do it.

All we can say is - "Don't let what you cannot do, interfere with what you can do".

You CAN  
switch to  
21st  
century  
education  
today



Join hundreds of students in West Africa who are switching to a modernised, 21st century education.



# Tutorial

*HOW TO CREATE AN ACADEMIC REPORT*

## STEPS

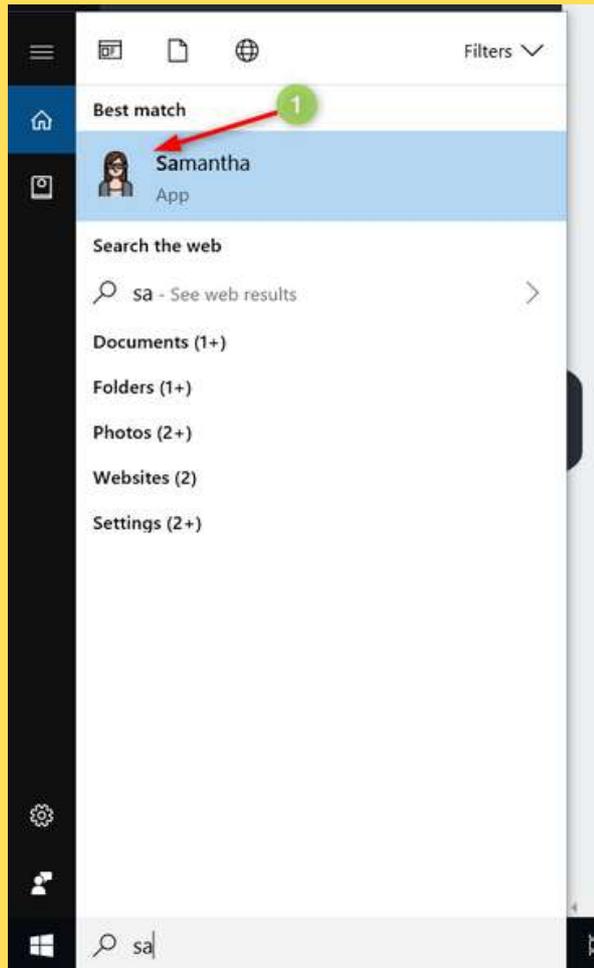
1. Start the software - Samantha
2. Navigate to the Reports tab
3. Enter a title for your report
4. Select either a "Simple" report or an "Advanced" report
5. Write a captivating EXECUTIVE SUMMARY
6. Write an INTRODUCTION that will make someone want to read the academic report that you are about to write. Include something in your introduction that will grab their attention, but keep it professional.
7. Write the various RESEARCH METHODS or EXPERIMENTS you performed in connection with the academic report you're writing. For example, did you carry out a controlled experiment or conduct a focus group as part of the report? Discuss all the RESEARCH METHODS or EXPERIMENTS in detail in this section of your report.
8. Outline the RESULTS of any experiments that you carried out. Do not discuss the results yet, just outline the results.
9. Write the CONCLUSION of your report. Avoid introducing any new ideas but simply conclude by summarising the important points in your report. Briefly emphasize any key points that you want any reader of your report to remember.
10. Add all the REFERENCES you have used in your report.
11. Click the "Create Report" button.
12. Wait for about 15 - 20 seconds for Samantha to generate your \*.PDF or \*.RTF Academic Report.

# TUTORIAL DETAILS

HOW TO CREATE AN ACADEMIC REPORT

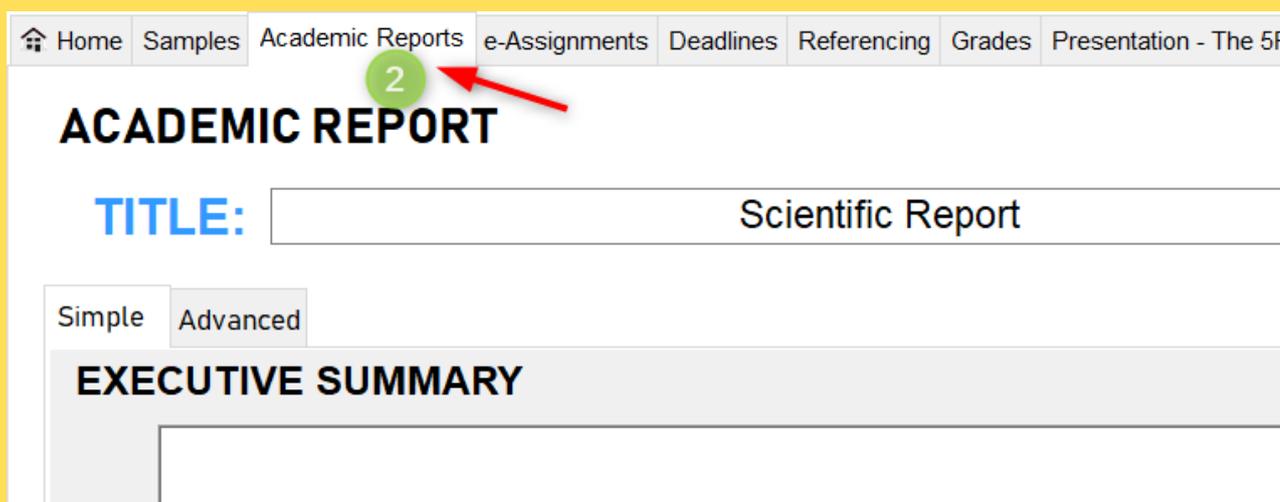
## Start the "Samantha" app

1



## Select "Academic Reports"

2



3

## Enter a title for your report

### ACADEMIC REPORT

TITLE:

Difficult Learning Environment Report

Simple Advanced

#### EXECUTIVE SUMMARY

This report analyses, delves into and attempts to benchmark the learning environment at secondary level in West Africa. This report is important as the learning environment plays a critical role in the development of a student. this study was undertaken because a downward trend has been observed recently in the education industry.

It reveals that there are huge historical problems in the education industry and based on some of the negative results, urgent action needs to taken by a responsible independent body.

#### INTRODUCTION

4

## Choose a type of report: "Simple" or an "Advanced" report

### ACADEMIC REPORT

TITLE:

Difficult Learning Environment Report

Simple Advanced

#### EXECUTIVE SUMMARY

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#### INTRODUCTION

5

# Write the Executive Summary of your report

**ACADEMIC REPORT**

**TITLE:**

Simple  Advanced

**EXECUTIVE SUMMARY**

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**INTRODUCTION**

6

# Write the Introduction of your report

**TITLE:**

Simple  Advanced

industry.

It reveals that there are huge historical problems in the education industry and based on some of the negative results, urgent action needs to taken by a responsible independent body.

**INTRODUCTION**

Since the education system was revised in 1997, there have been differing opinions by senior leaders in education about the quality of the learning environment. Time has not resolved these issues. The report was commissioned to carefully analyse the impact of a difficult learning environment using renowned industry research methods.

The scope of this report will be limited to the learning environment at the secondary education level, with other education levels excluded from this report and any studies that will be conducted.

Aims:  
This report aims to

**BODY**

**RESEARCH METHODS\EXPERIMENTS**

7

# Explain the Research Methods and Experiments

Since the education system was revised in 1997, there have been differing opinions by senior leaders in education about the quality of the learning environment. Time has not resolved these issues. The report was commissioned to carefully analyse the impact of a difficult learning environment using renowned industry research methods.

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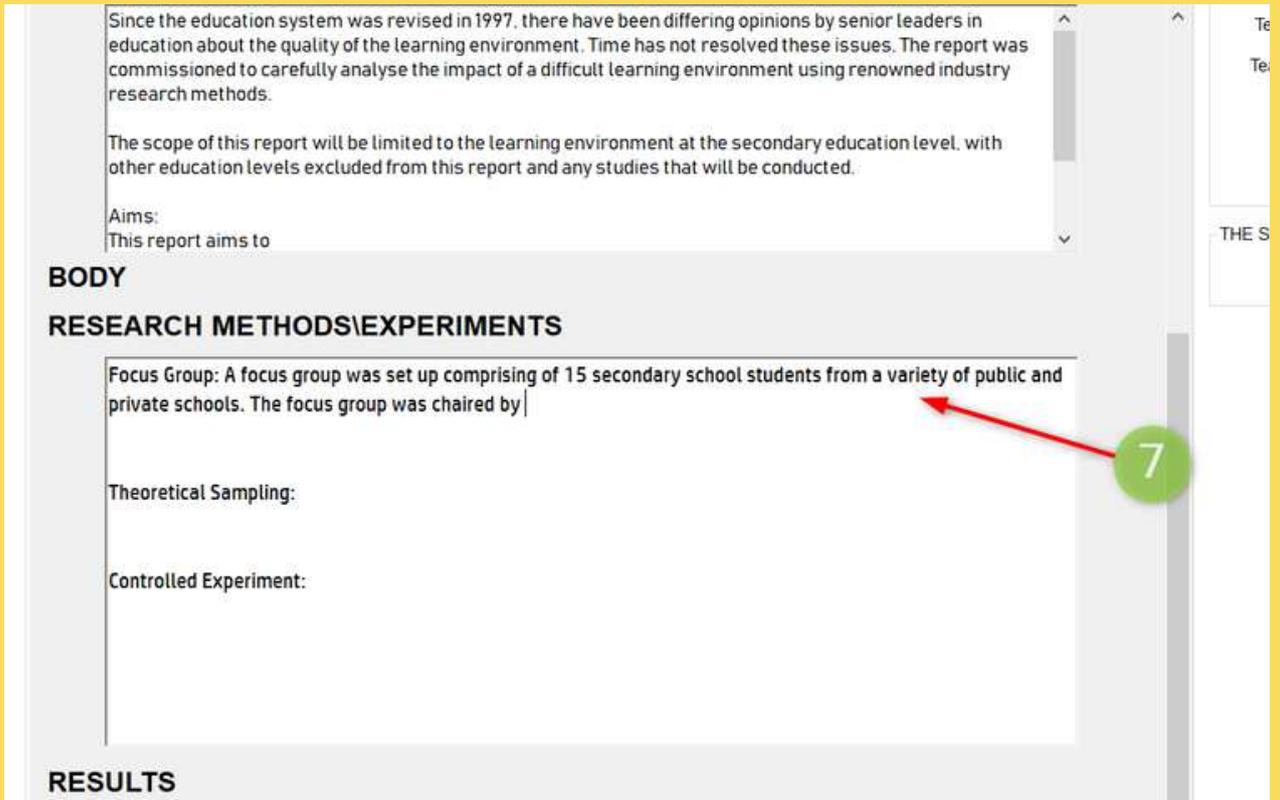
### RESEARCH METHODS/EXPERIMENTS

Focus Group: A focus group was set up comprising of 15 secondary school students from a variety of public and private schools. The focus group was chaired by |

Theoretical Sampling:

Controlled Experiment:

## RESULTS



8

# Outline the results

Samantha - Education Assistant for Students in West Africa

Home Samples Academic Reports e-Assignments Deadlines Referencing Grades Presentation - The 5Ps Research Speech Manuscript Rest of the Wor

Theoretical Sampling:

Controlled Experiment:

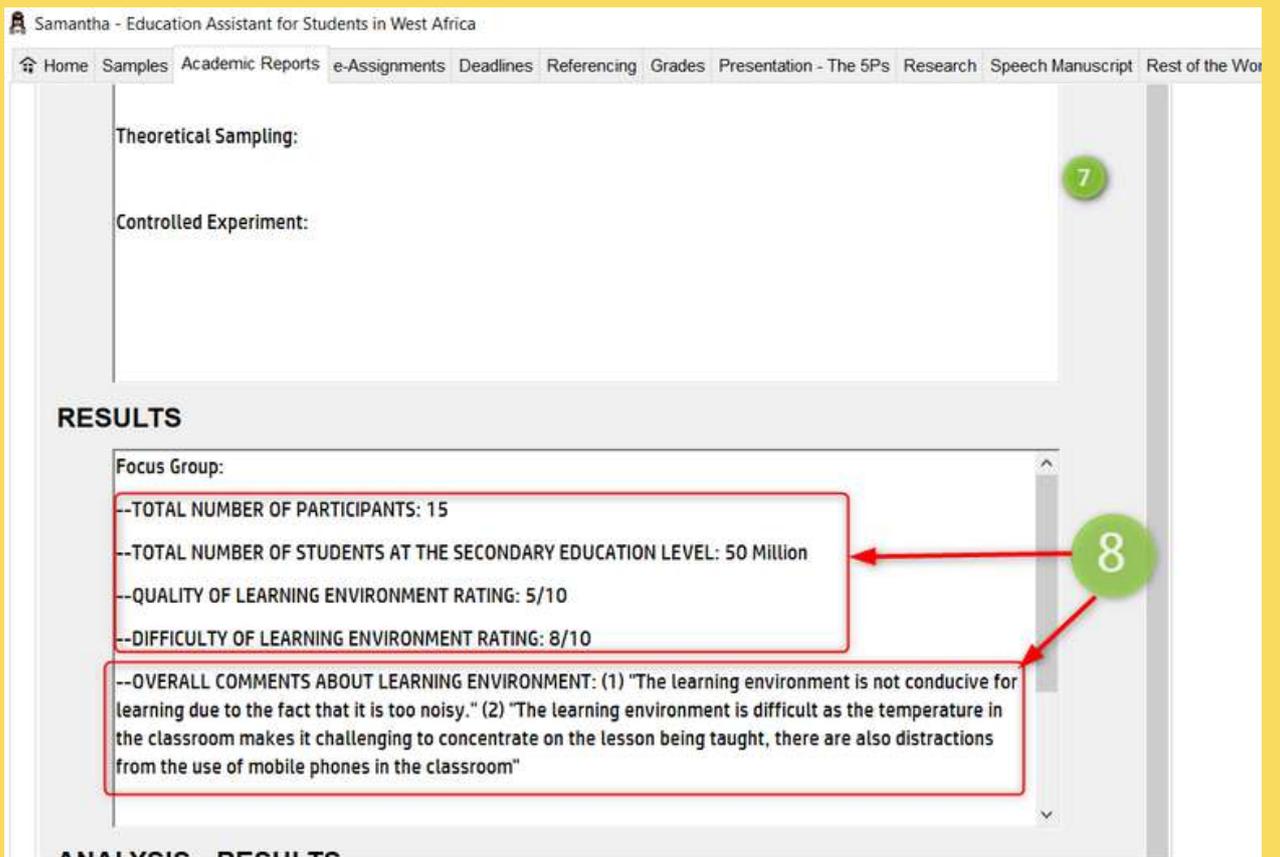
## RESULTS

Focus Group:

- TOTAL NUMBER OF PARTICIPANTS: 15
- TOTAL NUMBER OF STUDENTS AT THE SECONDARY EDUCATION LEVEL: 50 Million
- QUALITY OF LEARNING ENVIRONMENT RATING: 5/10
- DIFFICULTY OF LEARNING ENVIRONMENT RATING: 8/10

--OVERALL COMMENTS ABOUT LEARNING ENVIRONMENT: (1) "The learning environment is not conducive for learning due to the fact that it is too noisy." (2) "The learning environment is difficult as the temperature in the classroom makes it challenging to concentrate on the lesson being taught, there are also distractions from the use of mobile phones in the classroom"

## ANALYSIS RESULTS



9

# Write the conclusion of your report

**CONCLUSION**

This report has covered keys aspects assessing the difficulty rating of the learning environment at the secondary level in West Africa. This report has been able to pinpoint the exact levels, the factors involved and establish a difficulty-level scale for the learning environment at the secondary level across West Africa.

One of the critical findings of this report is that it is a challenge to benchmark the learning environment at any level without bringing subjective factors into the equation.

However, after rigorous research via focus groups, controlled experiments and theoretical sampling along with careful analysis of the results, we can conclude that amongst students - there is strong evidence of a perceived difficult learning environment at the secondary level in West Africa.

**REFERENCES LIST**

BOOK(S):

WEBSITE(S):

NEWSPAPER(S):

DISSERTATION(S):

10

# Add references used in your report

difficulty-level scale for the learning environment at the secondary level across West Africa.

One of the critical findings of this report is that it is a challenge to benchmark the learning environment at any level without bringing subjective factors into the equation.

However, after rigorous research via focus groups, controlled experiments and theoretical sampling along with careful analysis of the results, we can conclude that amongst students - there is strong evidence of a perceived difficult learning environment at the secondary level in West Africa.

**REFERENCES LIST**

BOOK(S):  
Smear, J. (2013) *Advocating Education*. 1st edn. London: Oxford University Press.

WEBSITE(S):  
BBC News. (2017) *Learning environment study reveals important changes*. [ONLINE] Available at: [www.bbc.co.uk/news/100423932](http://www.bbc.co.uk/news/100423932). [Accessed: 02-June-2019: Sunday].

## ADDITIONAL TIP:

SAMANTHA can create references for you using the Harvard Referencing style. Please check "Referencing" tab

11

# Click "Create Report"

**ACADEMIC REPORT**

**TITLE:**

**11** **Create Report**

Simple **Advanced**

**EXECUTIVE SUMMARY**

This report analyses, delves into and attempts to benchmark the learning environment at the secondary level in West Africa. This report is important as the learning environment plays a critical role in the development of a student, this study was undertaken because a downward trend has been observed recently in the education industry.

It reveals that there are huge historical problems in the education industry and based on some of the negative results, urgent action needs to be taken by a responsible independent body.

**INTRODUCTION**

The scope of this report will be limited to the learning environment at the secondary education level, with other education levels excluded from this report and any studies that will be conducted.

**Aims:**

This report aims to

- determine the exact level of difficulty of the learning environment
- determine the factors contributing to the difficulty levels
- benchmark the learning environment at the secondary level in West Africa against the learning environment at secondary level in other regions

**YOUR TEACHER**

Teacher's Code: 73-0713-D7E9-B554-BCAC-7271-5EA6-796F-0E

Teacher's Name:

TEACHER'S FIRST NAME TEACHER'S LAST NAME

**THE SUBJECT**

Subject:

**11** **Create Report**

**YOUR TEACHER**

Teacher's Code: 73-0713-D7E9-B554-BCAC-7271-5EA6-796F-0E

Teacher's Name:

TEACHER'S FIRST NAME TEACHER'S LAST NAME



# Samantha will do the rest...

Samantha - Education Assistant for Students in West Africa

Samantha is busy working on your document...

**Just a moment please...**



Processing...

**NOTEPAD**

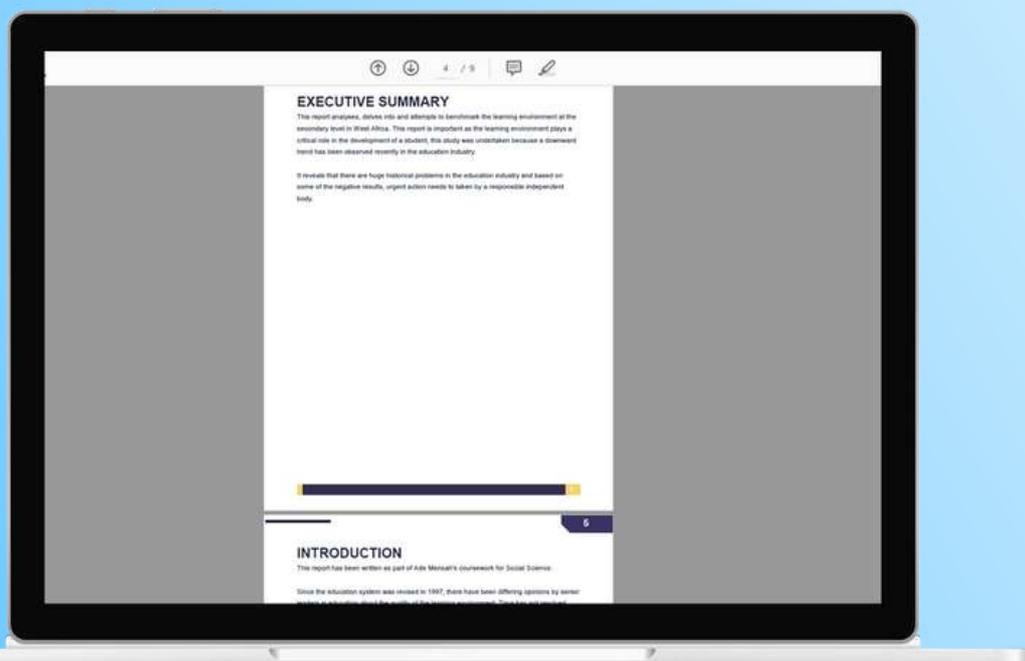
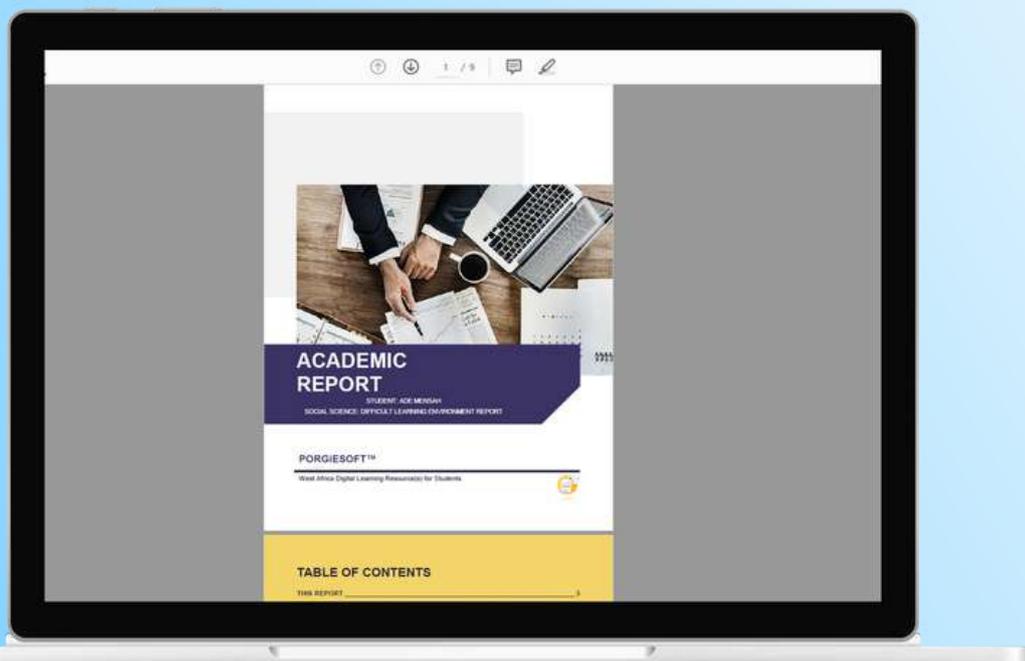
**BIBLIOGRAPHY/REFERENCE LIST:**

- BBC News. (2017) Learning environment study reveals important changes. [ONLINE] Available at: [www.bbc.co.uk/news-100423932](http://www.bbc.co.uk/news-100423932) [Accessed: 02-June-2019: Sunday]

**COPY**



# What will your Academic Report look like?



\*.PDF, \*.RTF

**PORGIESOFT**



- ✓ Email the finished academic report to your teacher
- ✓ Upload it to Google Classroom
- ✓ View it on your smartphone, simply find a way to send it to your phone



# Products

## *PRODUCTS & SERVICES*

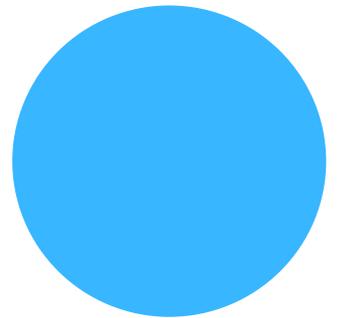
The following section showcases some products & services that 21st Century Students in West Africa might be interested in.

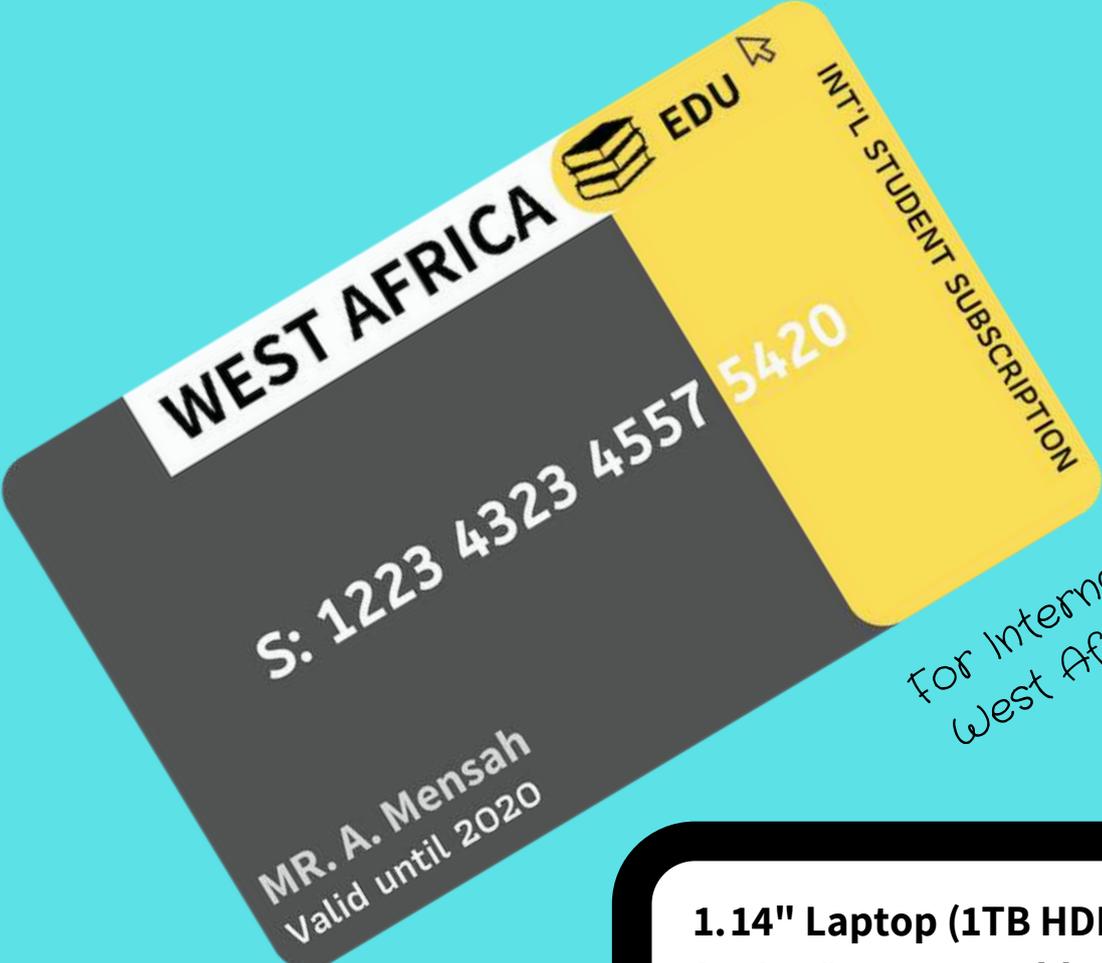
# **We offer 1st class International Student Support to make your stay in the UK more enjoyable.**

## **INTERNATIONAL STUDENT SUBSCRIPTION**

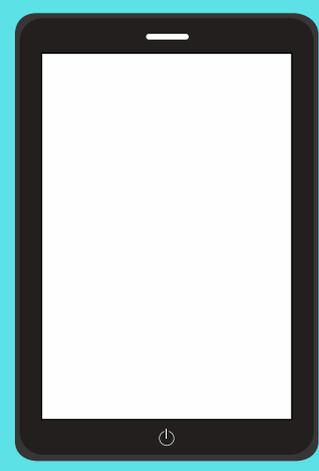
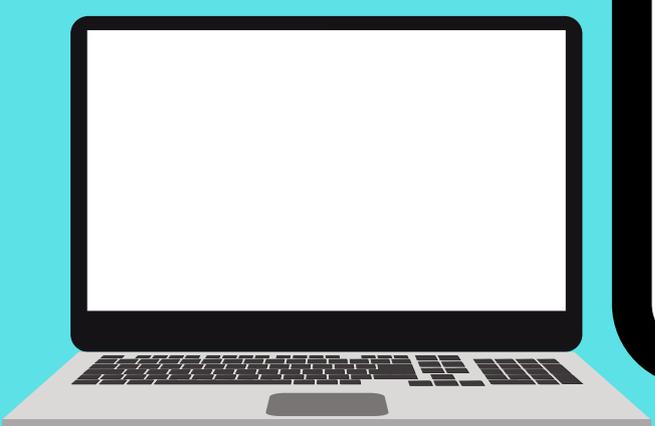
You'll get special treatment - free airport pickup, dedicated account manager for 12 months, free academic advice, free international SIM card + £20 top up, UK bank account assistance, "show me" service, working in the UK assistance, simple list of dos and don'ts in the UK and you'll even get a Welcome Pack.

**FROM £499 ONLY**



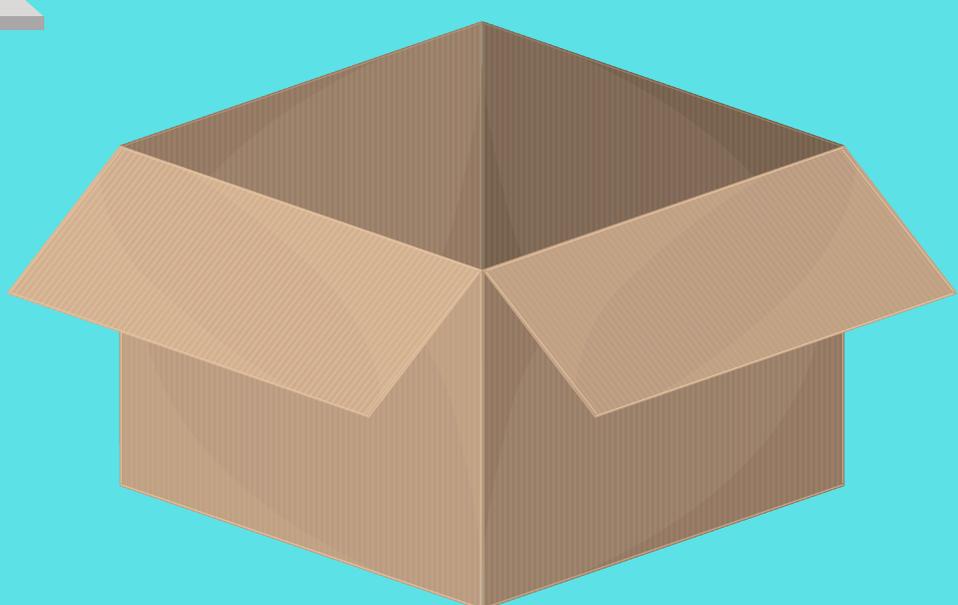


For International students from West Africa studying in the UK for the first time



- 1. 14" Laptop (1TB HDD, 8GB RAM)**
- 2. 10.1 Samsung tablet**
- 3. International Student Subscription Card**
- 4. Complete Student Housing pack**
- 5. Warm Jacket**
- 6. Free Delivery to UK address**

**£1,499**



[www.westafrica.education](http://www.westafrica.education)



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Top Online Courses in

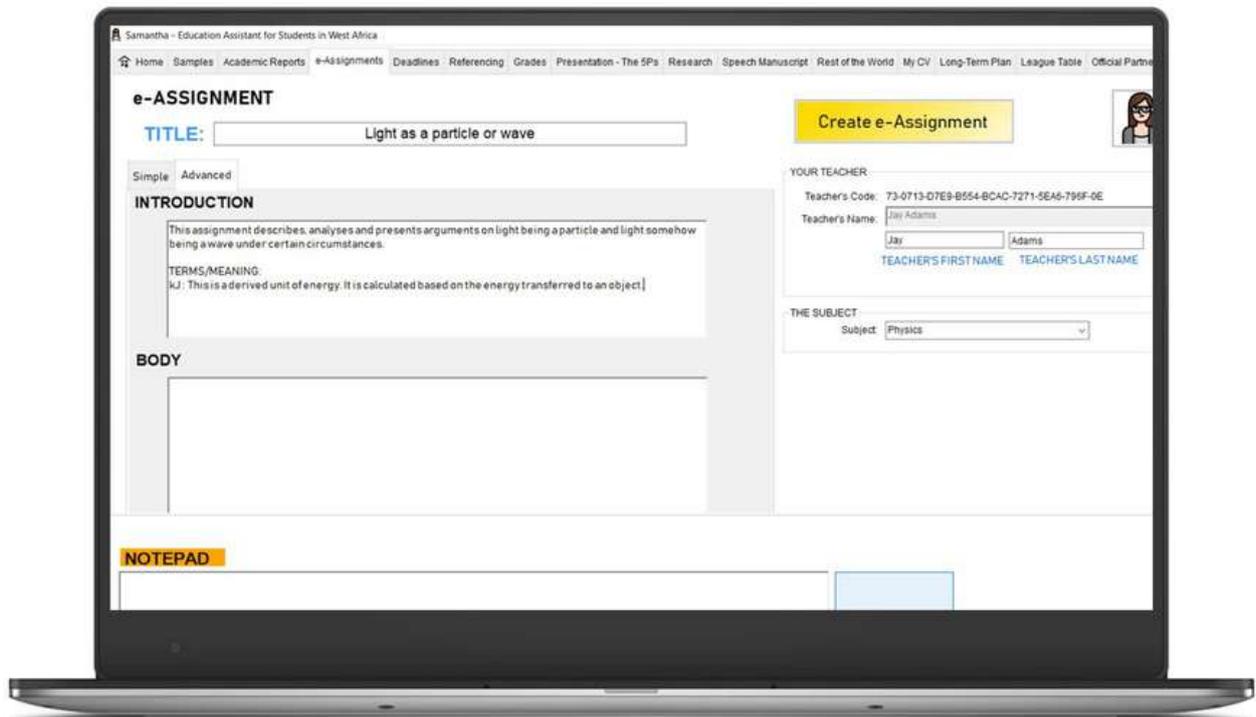
# IT Certification

Start learning today





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EDUCATION ASSISTANT FOR  
STUDENTS IN WEST AFRICA

# SAMANTHA



# SCHOOLS

## *SCHOOLS & THEIR STAFF*

The following section features some leading schools in West Africa, including their thoughts on 21st century education and Education Technology in West Africa.

# SCHOOL FEATURE



## JEPHTHAH COMPREHENSIVE SECONDARY SCHOOL

WEST AFRICA  
PORT HARCOURT, NGA  
[www.jephthah.net](http://www.jephthah.net)



*e-Interview with Mr. Arnold Omale*

**How long have you been in the education industry in West Africa, how have you found it so far?**

"I have had a thrilling experience in educating young minds for about 12 years. I joined the services of Jephthah School, Nigeria in 2007. The rigours of the job is nothing compared to the euphoria of seeing students succeed under your tutelage in both national and international examinations. I've had an ecstatic 12 years."

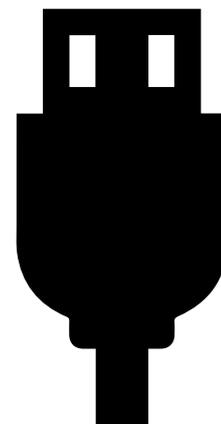
**How have you used education technology in the last 10 years at your school?**

"In keeping up with the dynamic needs of the 21st Century learner, Jephthah School introduced a paradigm of usage of technological tools. Projectors, ipads, laptops are mandatorily used in instructional delivery. Furthermore, the school's e-library is garnished with volumes of resources in the sciences, arts and literature. This advent has made teaching and learning more interactive, effective and learner oriented. Technology also creates forums for cross-cultural collaborations. Our students participate in project-based learning with students across the globe. For this feat, we bagged the International School Award (ISA) by the British Council in 2014."



## How are you currently using education technology at your school?

"All classroom instructions are administered using technology. Laptops, ipads, projector screens, tablets are useful in this regard. Technology facilitates our project-based learning activities where students independently carry on internet research in collaboration with other schools around the globe. We have a customized email platform for both staff, students and parents thereby fostering togetherness. Faculty and staff subscribe to online continuous professional development opportunities to increase instructional proficiency."



## What are your plans for the future with regards to using education technology at your school?

"In the foreseeable future, we shall enlarge the capacity of our e-library, increase the scope of our online resources and subscribe to more educational platforms that enrich teaching and learning. Faculty shall increase online collaboration opportunities, and subscribe to even more chances for Professional Development. We intend to exploit the rare distinction technology provides in being the glue that binds all constituents of our school together."

## Are there any specific challenges you'll need to overcome to get your teachers and students to use technology more in their teaching/learning?

"In Nigeria, we are faced with the constant challenge of power outages. Electricity poses a real threat to the use of technology, since both factors are directly related. The cost of running generators to power large energy demands within the school is astronomical. As such, the use of technology is greatly threatened. We have had to suspend the use of smart boards, which require a lot of electricity, in preference to projecting from television screens."



*Mr. Arnold Omale using an EdTech product in a school setting in West Africa*

## Have you noticed any positive changes in your students and teachers who are using education technology in their learning/teaching?

"Without a doubt, teaching and learning efficiency has greatly increased since the advent of the use of technology almost 10 years ago. We have recorded nearly 35% increase in the fulfillment of our school wide expected student outcomes. Staff professional development programmes are more successful and most importantly students have taken up greater ownership of learning. We have observed that students are more research minded, better critical thinkers, and more globally minded. Teaching is more fun, learning is more adventurous and performances of staff and students has increased."



## What's your advice to other schools who are not too keen on technology in the classroom?

"In my experience, such schools stand to deprive learners of the opportunity to learn using various methods. The struggling student would be shut out from the remedial benefits which technology provides. The achieving students would be restricted from chances to even extend knowledge, the teacher would lose instances to gain more skills. Generally, an atmosphere that could use a lot more improvement is generally prevalent. Such schools may graduate students who are not kept abreast of latest strides in technology."



*A section of Jephthah Comprehensive Secondary School where Mr. Arnold Omale currently teaches Chemistry in West Africa*

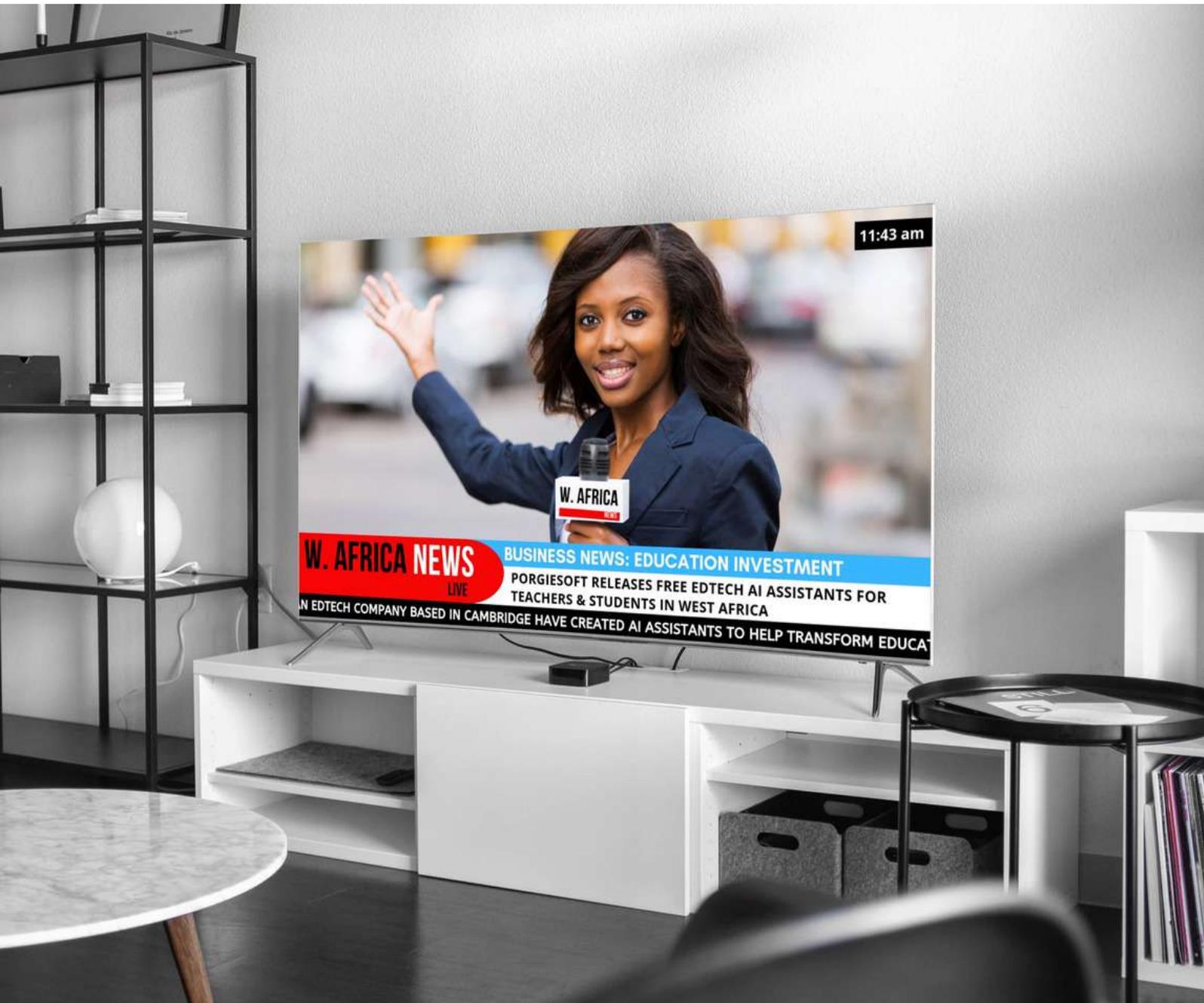
## Is there anything else you'd like to say?

"The use of technology still extends beyond the child's stay in school. It affords the opportunity for the learner to easily integrate into a largely technologically dependent society. The child is already up to speed with constantly evolving trends and his/her critical and digital skills is greatly enhanced. As such, fitting into workplace would not constitute a challenge at all."

**Arnold Omale**

**Head of Science Department & Senior Chemistry Teacher  
Jephthah Comprehensive Secondary School**

# NEWS REPORT



"We wanted to invent something different, something clever to give students and teachers in West Africa free access to the latest educational learning tools being used in other parts of the world."

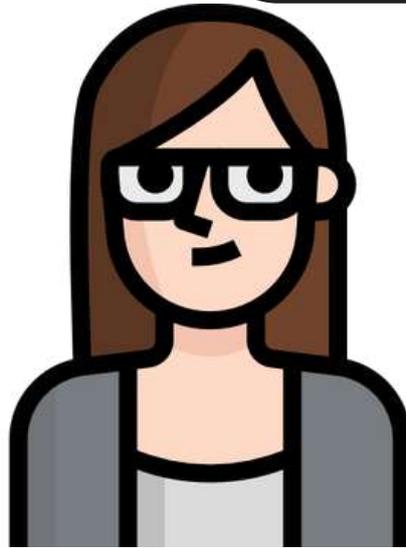
DIRECTOR, PORGIESOFT -  
UNITED KINGDOM

"Wow! This is a great product. I'll launch this at our upcoming teachers' workshop."

CEO, WITSCO NGO -  
GHANA

Hello, I'm Samantha.

I'm an EdTech AI assistant created for students in West Africa and this is my new educational magazine. I hope you've found it enlightening. If you have any feedback, please contact me via email - [samantha@porgiesoft.com](mailto:samantha@porgiesoft.com)



**THE END**

**Look out for the next issue of my SAMANTHA magazine.**



**CONTINUE TO PRACTISE 21ST CENTURY LEARNING IN  
WEST AFRICA**

# **SWITCH TO 21ST CENTURY LEARNING**

**SAMANTHA**