



Shalom Science and Technology Academy (SSTAC)

MOTTO: THE ROCK THAT NEVER FAILS

Academy Prospectus

TABLE OF

contents

- 01** WELCOME TO SHALOM SCIENCE AND TECHNOLOGY ACADEMY (SSTAC)

- 02** ABOUT SSTAC

- 06** WHY CHOOSE SSTAC

- 07** SSTAC CURRICULUM

- 08** ENTERING SSTAC FROM JSS1

- 09** SUBJECT CURRICULUM

- 10** A CENTRE OF EXCELLENCE WITH CUTTING EDGE FACILITIES

- 11** A TYPICAL SCHOOL DAY AT SSTAC

- 12** WHY SSTAC OFFERS A BETTER WAY TO LEARN?



WELCOME TO SHALOM SCIENCE AND TECHNOLOGY ACADEMY (SSTAC)

We are delighted to introduce to you; through this prospectus our progress since the official commissioning of SSTAC by His Excellency Hon. Ifeanyi Uguwanyi (Gburu Gburu) the Executive Governor of Enugu state.



It is with great honour and privilege that I welcome you to this world class secondary school Shalom Science and Technology Academy (SSTAC).

SSTAC is a first of its kind Science, Computer and Technology secondary school in Nigeria. We pride ourselves as hands on practical oriented academy. The culminating vision that has now birthed a school like SSTAC stems from the over 22 years management excellence of Shalom Group of schools evidently displayed by the academic achievements of its schools over the years precisely the sister school to SSTAC who won the national trophy for International Olympiad Biology, having won the state and regional stages of the same competition and went on to represent Nigeria in India 2008. This same feat was achieved again the next year where the school represented Nigeria in Japan 2009. A review of performance from these international competitions by the management prompted an important resolve to continue leading the way in practical science, computer and technology through the establishment of an international high school. Hence SSTAC!

Our Vision at SSTAC is:

“Developing Nigeria Scientifically and Technologically through early exposure of secondary school aged students to basic scientific and technological concepts through STEM (Science, Technology, Engineering and Mathematics) oriented and crafted Curriculum.”

As a British trained mechanical engineer with a post graduate degree in Engineering and management from one of the top 5 universities in the U.K, I can say for certainty that the establishment of Shalom Science and Technology Academy (SSTAC) has come at the right time and it promises to revolutionise secondary school education that hitherto paid more emphasis on the theoretical knowledge of scientific and technological concepts instead of its practical implementations for societal benefits.

I would like to once more welcome you and kindly request that you spend a little time going through our prospectus to assimilate some of the numerous points that make SSTAC stand out.

Thanks and God Bless,
Director Admin,
Shalom Science and Technology Academy (SSTAC)



“ Choosing SSTAC as my choice secondary school has been one of the best decisions of my life. Not only are our courses practical oriented, but practicals are carried out in small groups for total understanding ”

ABOUT SSTAC

Shalom Science and Technology Academy (SSTAC) is a first of its kind pure science, computer and technology Academy in Nigeria. It is located in the regional hub of Enugu state precisely in industrial layout Emene, Opposite PRODA second gate. One of the numerous points of SSTAC is that the college has come at a time when it has become clear that a developing country like Nigeria needs as much individuals with the knowledge and practical implementation of science and technology who would lead the way and take on challenges in these fields (Medicine, Science, Agriculture, Engineering and Technology etc).

HIGHLIGHTS

Some of the highlights of SSTAC are:

1. Fully Equipped Science Laboratories and Technology workshops
2. Over 36 years of Experienced leadership and Management team with international affiliations
3. A world class yet friendly campus environment
4. First class accommodation with ensuite facilities
5. A sister college to Shalom Academy Nsukka (SAN) which has represented Nigeria in the International Olympiad competitions in India 2008 and Japan 2009
6. Creative team with an impressive list of technical skills
7. Purpose built Information Communication Technology (ICT) Hub
Emphasis on Creativity, Innovation, Science, Technology, Engineering and Entrepreneurship (CISTEE) Etc



“ As an aspiring engineer, passing through a secondary school with so much emphasis on learning by doing, is a dream come true. ”



“ Learning about electronic components and being able to have fun building a circuit using them was one of my best moments studying Basic Tech in SSTAC ”



Our Vision

“ Developing Nigeria Scientifically and Technologically through early exposure of secondary school aged students to basic scientific and technological concepts through STEM (Science, Technology, Engineering and Mathematics) oriented and crafted Curriculum. ”

Our Mission

“ SSTAC passionately believes that by improving the development process of young people through practical knowledge of science, computer and technology, for a career in these fields, the future economic prosperity of Nigeria is guaranteed. ”

Objectives

- Leading the way in training and developing scientifically, technologically and computer literate students who will become employers of labour in these fields.
- A global college that will produce the best brains to help in leadership and development agenda of the society.
- Raising students who would represent Nigeria internationally in science, technology and computing competitions.



AN EXCITING ALTERNATIVE

SSTAC promises to offer an excellent alternative to mainstream secondary education. Thereby empowering our students for a bright future.



A UNIQUE LEARNING EXPERIENCE

SSTAC will provide excellent academic standards in areas of science, computer and technology through creating an inspiring unique learning experience for our students.



“ I have developed life-long skills like team work, communication and analytical skills since attending SSTAC.... I am forever grateful to my school ”





Why Choose SSTAC?

1

Outstanding Teaching and Practical work Experience.

Secondary school education is one of the most important stages of education for the intellectual development of a child, therefore it will be important to you that the secondary education your child acquires is of the best quality. The quality of teaching and practical work experience at SSTAC is something the management take particular interest in. Our many years of running high achieving secondary schools bear credence to this fact!

2

Promoting Great Moral Lifestyle.

Shalom Science and Technology Academy (SSTAC) is a Christ centered school, therefore it is important to us that aside from the educational and general benefits that we offer our students, that we imbibe in them a great moral lifestyle including respect for others. This ethos stems from our Vision of raising students with high moral standard who will continue to promote the route of excellence needed in the various aspects of the Nigerian society through the fear of God.

3

World-Class & Friendly Campus Environment.

The campus-based aspect of SSTAC means that not only are our students within a few minutes of their house of residence, but the world-class and friendly nature of our campus also helps create a strong student community that flourishes as a result of living, studying and socialising in one location.

4

Admission into Credible Universities around the world.

With international affiliates from the UK and the USA, coupled with the outstanding teaching and practical work experience we offer at SSTAC, We are confident that our students will not only compete with the best students from around the world, but will gain admissions into top and credible universities from around the globe.

5

Creativity, Innovation, Science, Technology & Entrepreneurship (CISTE) Training.

At SSTAC, not only do we intend to raise future leaders who are intellectually excellent, but also creative and innovative individuals who would use prevailing technologies to solve immediate societal needs. So for example a student who completes our 6 years programme at SSTAC should be able to identify needs in the society, innovatively proffer solutions and potentially make a business from the solution. Currently we import literally everything, imagine we manufacture those products? That's why we are here!

6

First-Class Accommodation on Campus

We believe that our accommodation in SSTAC is a "home away from home" and the best in the region and probably nationwide. WHY? You may ask. Because not only do we offer our students unrivaled comfort, peace of mind and security in our accommodation, we have further equipped the common rooms with extracurricular materials to channel their thought process and actions in a creative, independent yet teamly manner.

7

We Set the Pace, Others try to follow!

SSTAC CURRICULUM

SSTAC runs a “tri-curricular educational system” (Nigerian, British and American). Alongside science, computer and technology studies, our students will have the opportunity to study subjects that will develop them mentally to begin to look at their environment; identify problems, analyse them and at the least recommend solutions to them using STEM methodologies.



Unlike mainstream secondary schools, at Shalom Science and Technology Academy (SSTAC), learning will be done through practical projects that are engineered to fit the Nigerian society as well as international. To achieve this SSTAC utilizes a purpose made curriculum based on 60% Theoretical content and 40% Practical work for our JSS1 to JSS3 students (Key Stage 3). We increase their practice work to 50% and 50% theoretical content from Key Stage 4 (SS1 to SS3).



From the middle part of Key stage 3 precisely JSS2, we would recommend that our students undertake as many industrial learning as possible during holiday breaks especially the long summer holiday. Example, a SSTAC student can visit a hospital, industry, engineering site, computer and internet centers just to observe and appreciate the real world of science, computer and technology.

Entering SSTAC from JSS1.

Entering SSTAC is a straight forward but quite serious process. However we have made this process as interesting and stress free as possible. The 3 steps towards being a student of Shalom Science and Technology Academy (SSTAC) are:



1 Get the “New Entry” Registration form from the school or download it online from www.sstac.sch.ng (Complete the form as required and submit it on campus or online)

2 Prepare for the entrance exam using the subject guideline provided.

3 All successful candidates will receive our admission pack; with a conditional offer letter through the post.

Once the conditions are met, Full student registration and admission can begin.



Congratulations & Welcome to SSTAC!

Our students will follow the required national curriculum including English, Computer science, Mathematics, Agricultural science, Basic technology and Science as the minimum.



Subject Curriculum

| JSS1 to JSS3 (Key Stage 3) Curriculum | |
|---|--------------------|
| Core Subjects (Compulsory) | Academic Weighting |
| 1. Mathematics | 10 Credits |
| 2. English Language | 10 Credits |
| 3. Basic Science (Chemistry, Physics and Biology) | 10 Credits |
| 4. Basic Technology and Design | 10 Credits |
| 5. Computer Science (ICT) | 10 Credits |
| 6. Automobile and Mechanics | 10 Credits |
| 7. Agricultural Science | 10 Credits |
| Total | 70 Credits |

| JSS1 to JSS3 (Key Stage 3) Curriculum | |
|--|--------------------|
| Enhancement subjects (Compulsory for JSS1 to JSS3) | Academic Weighting |
| 1. Entrepreneurship and Environmental studies | 5 Credits |
| 2. General Studies (Civics Education and Social studies) | 5 Credits |
| 3. Igbo Language | 5 Credits |
| 4. Christian Religious Studies (C.R.S) | 5 Credits |
| 5. French Language | 5 Credits |
| 6. English Literature | 5 Credits |
| Total | 30 Credits |

A Centre of Excellence with cutting edge facilities.

Shalom Science and Technology Academy (SSTAC) will focus on being a centre of excellence in Science, Computer and Technology. We will help create the next generation of engineers, medical doctors, pharmacists, technologist, scientists, ICT guru's, agriculturists etc who will as part of their high school education with us, work on exciting and challenging projects.



And as a result, develop innovative, new products and processes that will suit our immediate society and could change the way we live in the future. It will provide forward thinking students with opportunities to get ahead in the development of skills that are necessary for an exciting and rewarding careers in these sectors.



Some of Our Facilities:

State of the Art laboratories/Experimental space

Automobile & Basic Technology Workshop

First Class ensuite accommodation on campus

ICT systems for learning enhancement

Multi-purpose Game Hub for extracurricular activities

Fully equipped library & e-library etc.



A Typical School Day at SSTAC

Life at SSTAC is packed with activities that have been carefully designed so that not only do our students enjoy each minute of the day, but our staff also cherish teaching them. And in so doing, together we achieve our vision and mission.

Our students wake up on week days by 5am in the morning and are guided by the resident mentors through the daily morning routine which revolves around getting ready for school, academic work begin at 8am after our daily assembly from 7am and continue till 2pm Monday to Thursday while on Friday we finish earlier by 1.30pm for our weekly retreat.

| | | | | | |
|-------------------|------------------|------------------|------------------|------------------|------------------|
| 7am – 7.45am | Morning Assembly |
| 8am – 8.50am | Lesson | Practice | Lesson | Practice | Lesson |
| 9am – 9.50am | Lesson | Practice | Lesson | Practice | Lesson |
| 10am – 10.50am | Lesson | Practice | Lesson | Practice | Lesson |
| 11am – 11.30am | Break | Break | Break | Break | Break |
| 11.30am – 12.30pm | Lesson | Practice | Lesson | Practice | Lesson |
| 12.30pm – 1.15pm | Lesson | Practice | Lesson | Practice | Lesson |
| 1.15pm – 2.00pm | Lesson | Practice | Lesson | Practice | Lesson |
| 1.15pm – 2.00pm | Enrichment | Enrichment | Enrichment | Enrichment | Enrichment |
| 2.00pm – 2.30pm | Lunch | Lunch | Lunch | Lunch | Lunch |

As well as our set academic time at SSTAC, we incorporate “enrichment” and “prep time” on a daily basis to enable our students study, complete their homework and any projects using our state of the art facilities on campus.

Sample of a timetable depicting a typical day at SSTAC is shown below (*Table is for illustration purposes only. Daily work schedule at SSTAC may differ*).

Why SSTAC offers a better way to learn?

- Over the years, experience as well as conducted research tells us that young people of secondary school age tend to understand and learn more through hands-on practical work. After all, a famous educational quote says “I hear, I know. I see, I remember. I do, I understand” – **Confucius**.



- Students may have very strong skills in subject areas that deal with science, computer and technology and would want to focus on this, so rather than wait until higher education or work to start developing them, at SSTAC the time to start is now!



- Research has shown that students who concentrate their efforts on subjects they enjoy and excel at tend to also excel in GCSE and any other international examination. At key stage 3 (JSS1 to JSS3) every student of SSTAC is given the opportunity to study most subjects offered by any main stream secondary school, however from Key stage 4 (SS1 to SS3), we would be recommending pathways to every student based on our 3 years educational statistics to help them concentrate on subjects they enjoy and excel at.



Your Questions? Answered

1. Your Question: When can I join SSTAC?

Our answer: Admissions into Shalom Science and Technology Academy is strictly from JSS 1 only. However we may decide to run an open select summer camp for students.

2. Your Question: What differentiates SSTAC from other main stream secondary schools?

Our Answer: SSTAC is a first of its kind private science, computer and technology secondary school in Nigeria. Our curriculum is carefully designed to emphasise practical knowledge and implementation of science, computer and technology. We achieve this using enquiry based materials made up of STEM methodologies.

3. Will I be able to write and pass Nigerian curriculum based exams?

Our Answer: Yes! Infact our curriculum is designed in such a way that our students will not only pass Nigerian based exams, they will excel in them and also repeat same on the international stage. Therefore our curriculum incorporates the Nigerian, British and American scheme of work and teaching methods.

4. Are you affiliated with any international schools and Universities?

Our Answer: Yes we are affiliated with some universities from the U.K. and scholarship awarding bodies in the U.S. Also we are in current talks with similar high schools for the opportunity of a 3 to 6 months exchange programme scheme for our students. So a very exciting time to be a student of Shalom Science and Technology Academy #SSTAC.

5. Is there an exam to get into SSTAC?

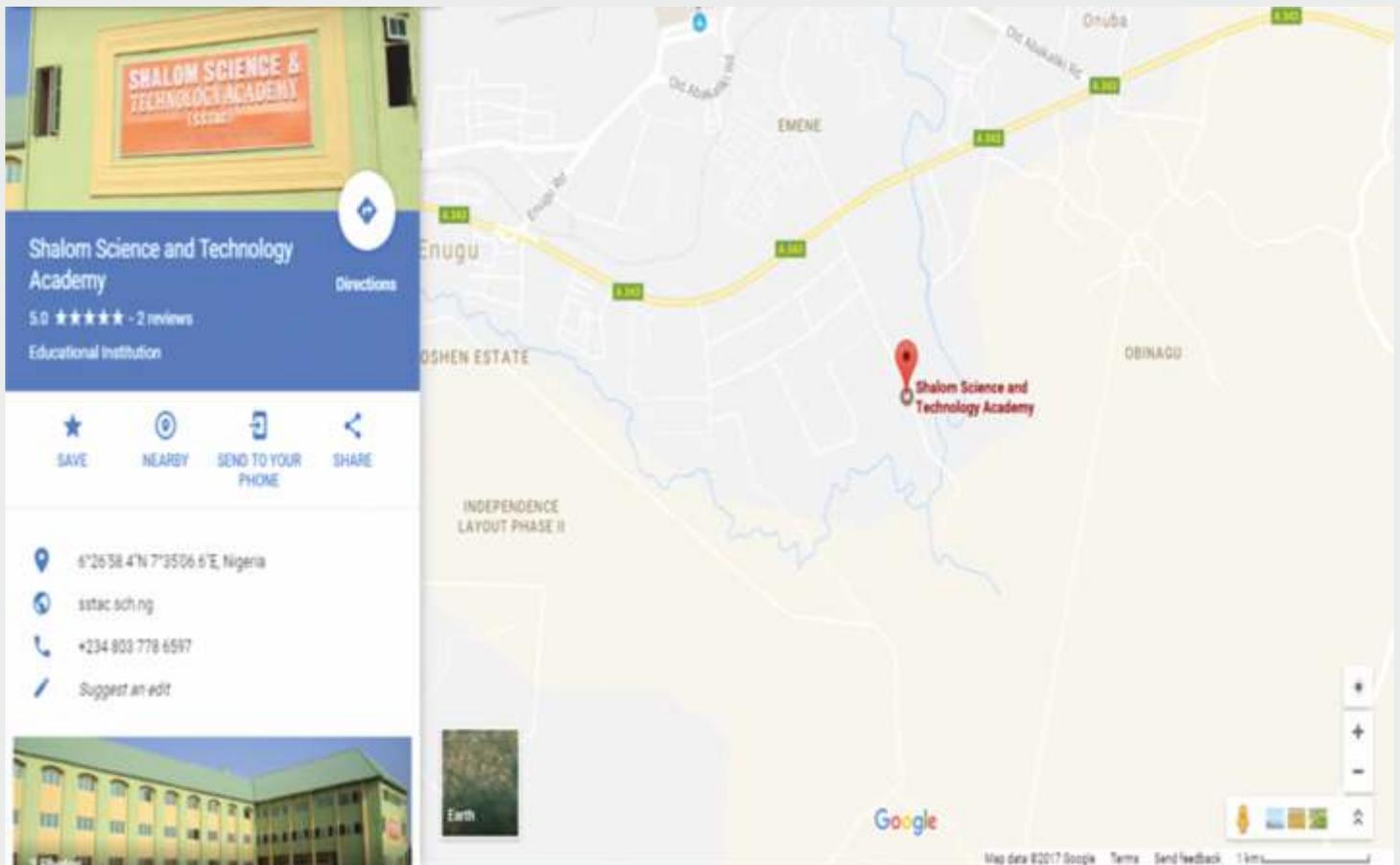
Our Answer: Yes there is. Registration is currently ongoing but for a more up to date information on admissions, please call SSTAC on 09099256745. We will also be having OPEN Day events throughout the year.

6. Where would I go after a 6 years study time with SSTAC?

Our Answer: We believe that after 6 years of learning with SSTAC, our students can progress to any higher institution of learning around the world without any difficulty as our student services will be on hand to provide expert support and guidance throughout the application process. Also we would have equipped our students with so much skill and practical knowledge that they can comfortably progress to an exciting apprenticeships in industries or employment.

Contact

Location: Shalom Science and Technology Academy,
Opposite PRODA Second Gate, Industrial Layout, Emene Enugu State.



Telephone: +234(0)8037786597 • +234(0)9099256745

Website: www.sstac.sch.ng

Email: info@sstac.sch.ng • sstacsch@gmail.com