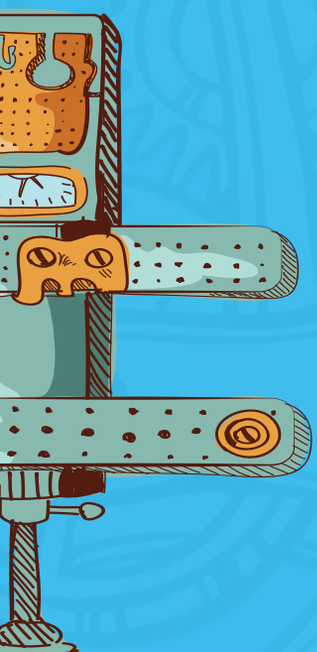
BLOOM HUB

Course Catalog



Hello Bloomers!

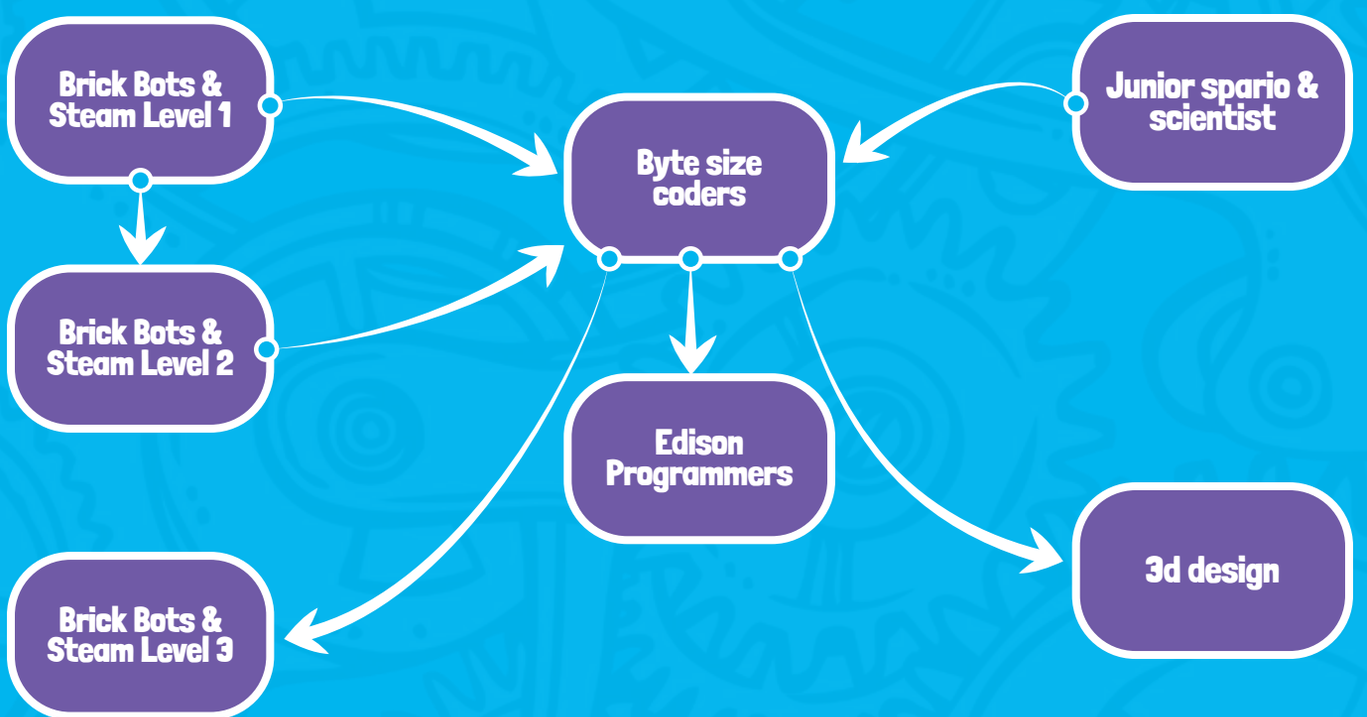
Hello Bloomers!
Welcome to Bloom Hub,
where imagination takes
flight and ideas come to life.

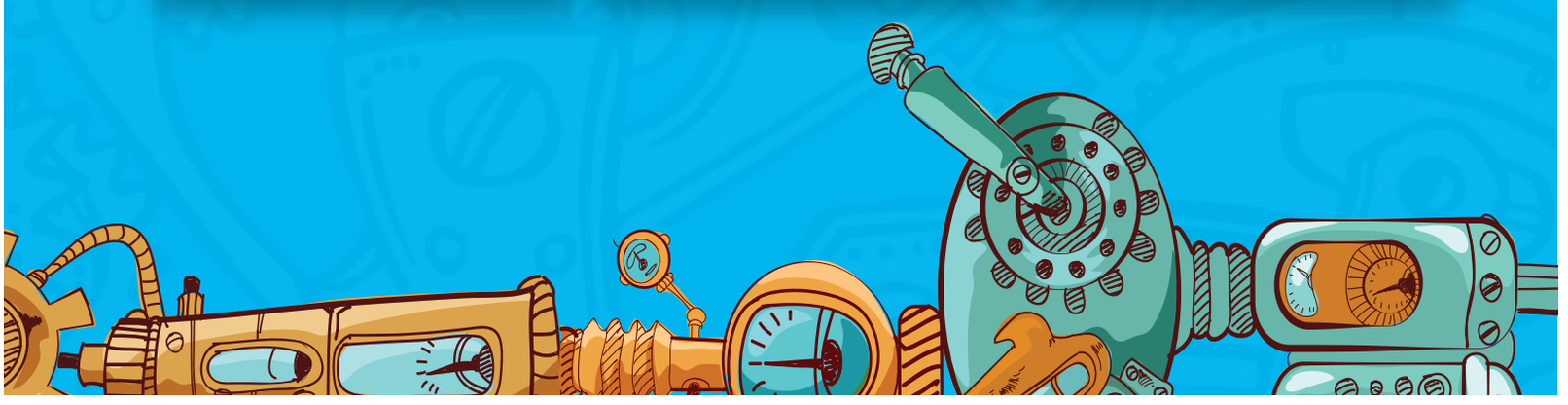
At Bloom Hub,
we focus on two things:
Fun and the Future
We ensure your child not
only enjoys themselves, but
also gains skills that
set them up for success. Join us and
watch your child's creativity and
confidence soar!

Table of Contents

YOUR CHILD'S JOURNEY

Ages 5 – 7





Your Child's Exciting STEM Journey at Bloom Hub!

Ages 5 –7

Welcome to Bloom hub!

At Bloom Hub, we're excited to guide your child through an engaging STEM journey! Starting with Brick Bots & STEAM Level 1, they'll explore robotics with LEGO building and experiments. Progressing to Level 2, they'll learn engineering concepts like gear transmission and mechanics.

Next, they'll dive into coding with Byte Size Coders. They can then choose between advanced robotics in Brick Bots Level 3, where they create and program robots, or programming an Edison Robot for real-world tasks.

The journey continues with our 3D Design course, where they'll use TinkerCAD to design and 3D print custom robot parts. Finally, in Junior Sparky Scientists, they'll learn about circuits and power up their creations.

By the end of this two-year program, your child will be adept at building, coding, and designing robots, gaining practical skills in robotics, coding, and design.

We look forward to your child's growth with us!

Warm regards,
Fatema Dewji

Brick Bots & STEAM

Ages 5 – 7

Let your child build awesome robots at Bloom Hub! They'll have fun creating brick bots, doing cool experiments, and making unique crafts. It's a great way for them to learn and play at the same time.

Choose From	
Wednesday	03:00 PM – 4:30 PM
Friday	03:00 PM – 4:30 PM
Saturday	10:00 AM – 11:30 AM 02:00 PM – 03:30 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

Brick Bots & STEAM Level 2

Ages 5 – 7

In this course kids explore and learn the different concepts of classical mechanics and engineering to understand how and why machines work they way they do.

Monday	03:00 PM – 04:30 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

Byte-Sized Coders
Ages 5 – 7

12 Session Course

In this fun intro course, kids will use code-blocks to create digital animations and games. They'll develop key computational thinking skills needed for programming.

Tuesday	**03:00 PM – 04:30 PM**
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

Fun Fact: Coding at this age often involves creating simple animations or games, which encourages children to think creatively and logically about how to make their ideas come to life.

Edison Programmers
Ages 5 – 7

Kids will learn to program Edison robots, developing problem-solving and coding skills while engaging with hands-on robotics projects.

Thursday	**03:00 PM – 04:30 PM**
Saturday	**12:00 PM – 01:30 PM**
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

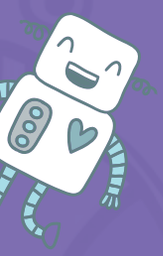
Brick Bots & STEAM Level 3
Ages 5 – 7

Advance your child's robot-building and coding skills! In this course, kids will create interactive robots using coding with advanced robotics, deepening their understanding of technology.

Tuesday	03:00 PM – 04:30 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

Junior Sparky Scientist
Ages 5 – 7

12 Session Course



Kids will dive into the wonders of electricity and electronic circuits through exciting projects. They'll learn about power supply, conductors and non-conductors, series and parallel circuits, and much more.

Thursday	03:00 PM – 04:30 PM
Saturday	12:00 PM – 01:30 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

3D Design & Printing
Ages 5 – 7

Kids will transform their digital designs into real objects using 3D printers, blending creativity with technology in a fun, hands-on environment.

Friday	03:00 PM – 04:30 PM
Per Class Tsh 40,000 | 8 Classes Tsh 300,000	

YOUR CHILD'S JOURNEY

Ages 8 – 12

- Robotics Elementary STEMmers
  - Progressing STEMmers
    - Expert STEMmers
- Coding & Programming Game Development and Storytelling
  - Android App Development (A12 Edition)
- Basic Electronic Circuits
  - Project Based Learning With Circuits
- Creative Hub

Your Child's Exciting STEM Journey at Bloom Hub!

Ages 8 – 12

Welcome to Bloom hub!

We're thrilled to offer your child an engaging STEM journey at Bloom Hub!

They'll start with Robotics, progressing from Elementary to Expert STEMmer, building and programming robots with microcontrollers and Python. Next, they'll dive into Coding & Programming, creating interactive games and apps.

Following this, they'll explore Basic Electronic Circuits, developing hands-on projects with sensors and real-world prototypes. In our Creative Hub, they'll master 3D Modeling & Printing, turning their ideas into tangible designs.

By the end of the program, your child will have a solid foundation in robotics, coding, circuits, and 3D design, preparing them for future STEM opportunities.

Courses can be taken individually or as part of the full program for a comprehensive experience.

We look forward to seeing your child grow with us!

Warm regards,
Fatema Dewji

Robotics Elementary STEMmers

Ages 8 – 12

12 Session Course

Let your child explore the exciting world of robots at Bloom Hub! They'll learn how robots work and even build their own moving robot. It's a fun way to discover designing and building. Watch as your child creates their very own robot friend and picks up cool new skills!

Progressing STEMmers

Ages 8 – 12

12 Session Course

Watch your child advance at Bloom Hub! They'll improve their coding skills to add exciting new features to their robots. It's a great way for them to deepen their understanding and bring more complex ideas to life!

Expert STEMmers

Ages 8 – 12

12 Session Course

At this level, kids at Bloom Hub get hands-on with Micro: bit! They'll dive into the fascinating world of using a microcontroller to direct their robotic creations. It's a perfect way to see their ideas come to life through technology!

Choose From	
Monday	04:30 PM – 06:00 PM
Wednesday	04:30 PM – 06:00 PM
Saturday	04:00PM – 05:30 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

Coding & Programming
Game development and storytelling
Ages 8 – 12

Scratch Edition 12 Session Course

In this program, kids will use the power of graphical programming language to craft their own interactive games bringing their imaginations as they design characters and build worlds.

Android App Development (AI2 Edition)

12 Session Course

In this program , young innovators will make use of graphical programming to create their own Android applications by designing user interfaces and coding interactive features while showcasing their creativity and bringing their App ideas to life.

Choose From

Tuesday	04:30 PM – 06:00 PM
Saturday	10:00 AM – 11:30 AM

Per Class Tsh 30,000 | 12 Classes Tsh 340,000

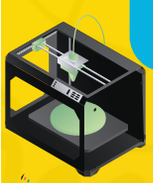
Basic Electronic Circuits

Introduction to basic circuits
Ages 8 – 12

12 Session Course

This introductory program gives young innovators hands-on experience tinkering with circuits using basic electronic components. Learners explore fundamentals of circuitry using basic components like conducting wires, LEDs, resistors and power supply.

Project–based Learning With Circuits
Ages 8 – 12



12 Session Course

In this program, learners dive deeper into circuitry as they explore integration of sensors like light detectors, motion sensors and IR sensors into their prototypes to make them more innovative and responsive to real world challenges.

Thursday	04:30 PM – 6:00 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	

Fun Fact: By diving into Electronic Circuitry, your child could be on the path to becoming the next:

- Electronics Engineer
- Robotics Engineer
- IoT (Internet of Things) Specialist
- Audio Engineer
- Systems Analyst
- Embedded Systems Developer
- Imagine the possibilities! Enroll your child today and spark their passion for technology and innovation!

Creative Hub
Ages 8 – 12

8 Session Course

Join the adventure into digital design at Bloom Hub! Kids start by creating their own 3D models from scratch, diving into a world full of creativity. They'll master essential 3D modeling skills while having loads of fun!

Choose From	
Friday	04:30 PM – 06:00 PM
Saturday	04:00 PM – 05:30 PM
Per Class Tsh 40,000 | 8 Classes Tsh 300,000	

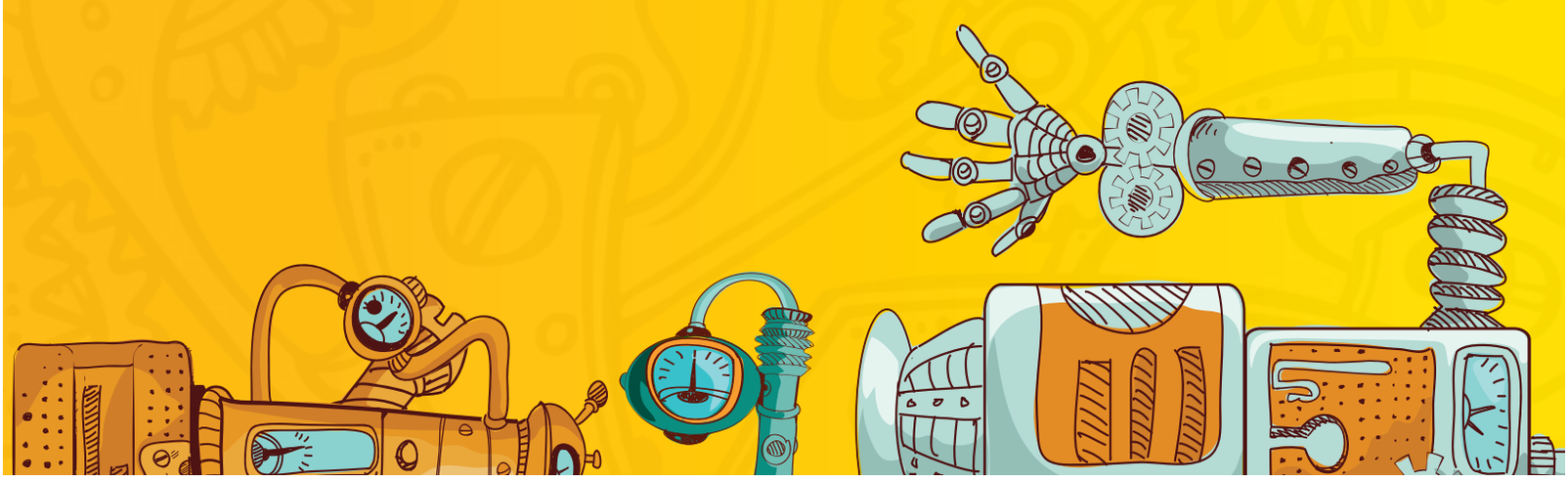
Fun Fact: Potential future professions by learning 3D Modeling
Industrial Designer Architect Game Designer
Medical Device Engineer Robotics Engineer Animation Artist

YOUR CHILD'S JOURNEY

Ages 13 – 16

Advanced Electronics & Robotics

Pro Design Hub



Your Child's Exciting STEM Journey at Bloom Hub!

Ages 13 – 16

Welcome to Bloom hub!

We're excited to guide your teen through Bloom Hub's advanced STEM program, tailored to prepare them for college and future success in STEM fields.

Starting with Advanced Electronics & Robotics, they'll work with Arduino microcontrollers and sensors to build prototypes, laying a strong foundation in engineering and robotics. They'll also dive into Coding & Programming, creating apps and games with advanced coding languages.

In our Pro Design Hub, they'll master 3D Modeling & Precision Design, turning ideas into detailed, functional designs. This experience is valuable for careers in industrial design, architecture, and engineering.

By the end of the program, your teen will have a comprehensive understanding of electronics, coding, robotics, and 3D design, preparing them for competitive college programs and STEM careers.

While individual courses are available, the full program offers the most integrated preparation.

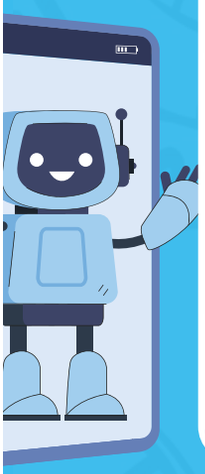
We look forward to helping your teen succeed!

Warm regards,
Fatema Dewji

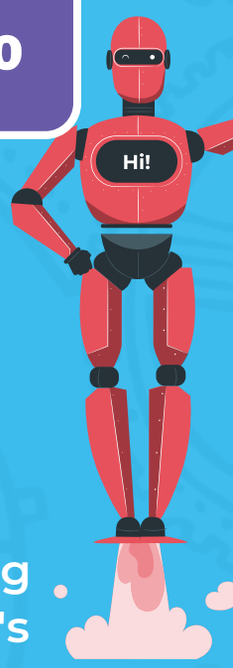
Advanced Electronics & Robotics
Ages 13 – 16

8 Session Course

Leveling up at Bloom Hub with our Arduino course! Kids will dive into the world of microcontrollers and sensors, learning to build their own working proto - types. It's perfect for those eager to deepen their un - derstanding of electronics and robotics.



Choose From	
Monday	04:30 PM – 06:00 PM
Wednesday	04:30 PM – 06:00 PM
Saturday	04:00PM – 05:30 PM
Per Class Tsh 30,000 | 12 Classes Tsh 340,000	



Pro Design Hub
Ages 13 – 16

8 Session Course

Discover the power of creativity at our Pro Design Hub! Kids transform their ideas into reality, exploring advanced 3D modeling with a focus on precision. It's where imagination meets cutting-edge technology!

Friday	04:30 PM – 06:00 PM
Per Class Tsh 40,000 | 8 Classes Tsh 300,000	

Dear Parents and Guardians,

Thank you for entrusting your child's growth to Bloom Hub. It fills my heart with joy to see their excitement as they learn and explore. My mission is to empower them to love learning and have fun along the way.

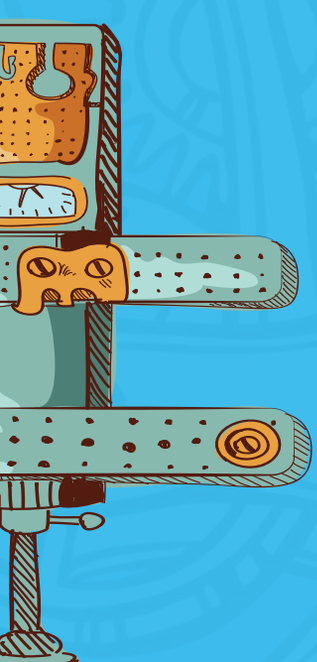
This new catalog reflects my passion for nurturing each child's mind and spirit. I'm excited for what we'll achieve together this year.

Thank you for being part of our Bloom Hub family. Together, we're helping your children grow into confident, creative leaders.

With gratitude,
Fatema Dewji
Founder, Bloom Hub

bloom HUB

PAYMENT DETAILS:
LIPA NAMBA
VODA: 54266257
FD 360 Tanzania LTD



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