

Engineering is an art
when learnt right

Introducing **SKIP**

Sirena Knowledge and Information Program

Here, we build Robots

Sirena Technologies was formed with a purpose to bring innovative world-class products to the market; designed and developed in India, leveraging global ecosystem. The company has built the first Indian Humanoid Robot 'Nino' and introduces SKIP (Sirena Knowledge and Information Program) for schools which is crafted to enable students to learn cutting-edge trending technologies which include Humanoids, Artificial Intelligence, Internet of Things, Voice Recognition, Computer Vision, Mechatronics, 3D printing, Android programming and more.



About SKIP

Sirena Knowledge & Information Program (SKIP) is a unique comprehensive learning package for students, primarily focused on Robotics - concepts, content & exercises. The program provides access to real humanoid robots to students which would enrich their knowledge and help build curiosity for further learning.



Learning

- Teaching various subjects aligned with the school curriculum
- Bringing a real robot closer to you, right in schools, available for young minds to play with their creativity
- Learn to program a humanoid robot for the first time in India

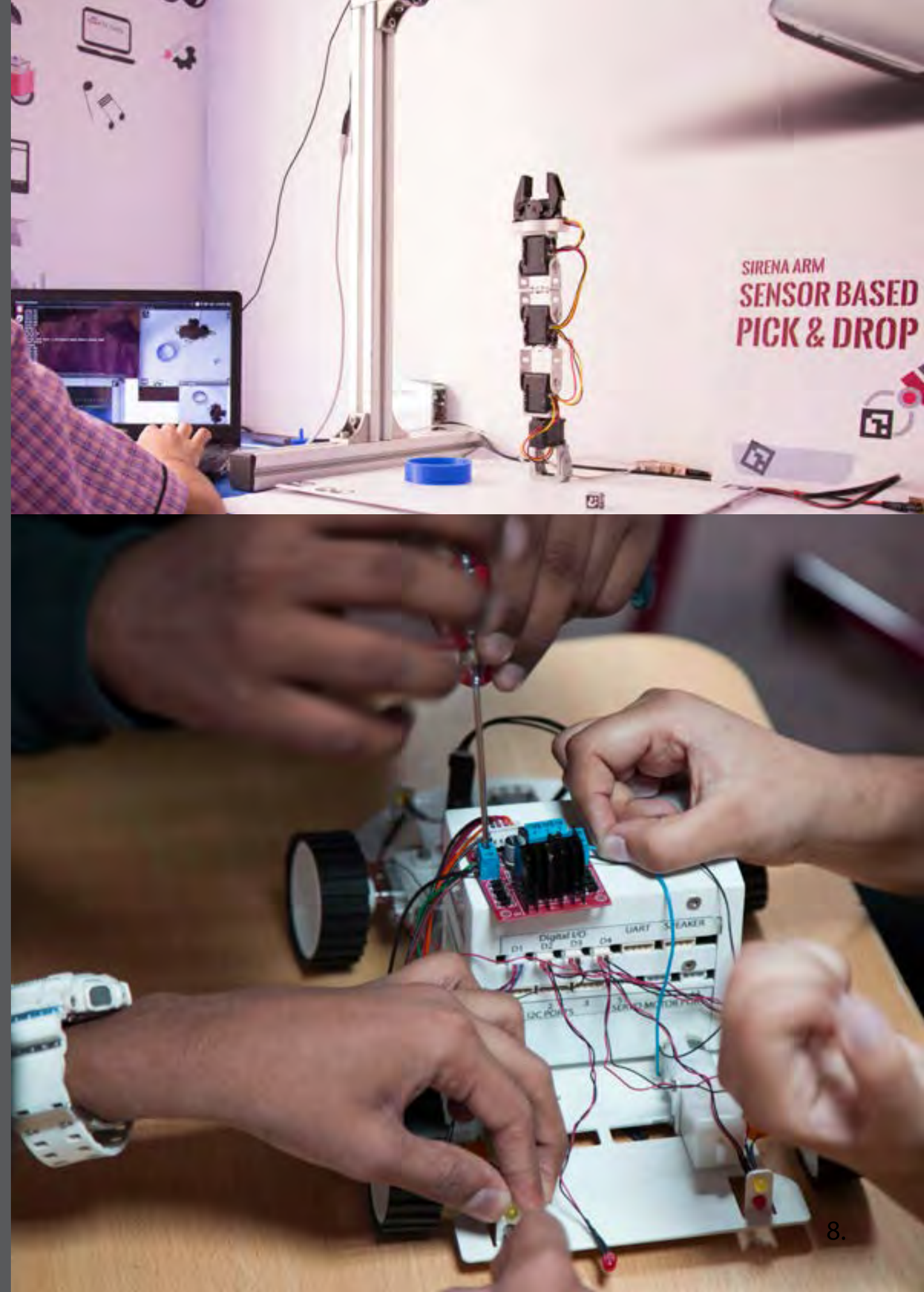
Learn with Nino,
understand Technology
better



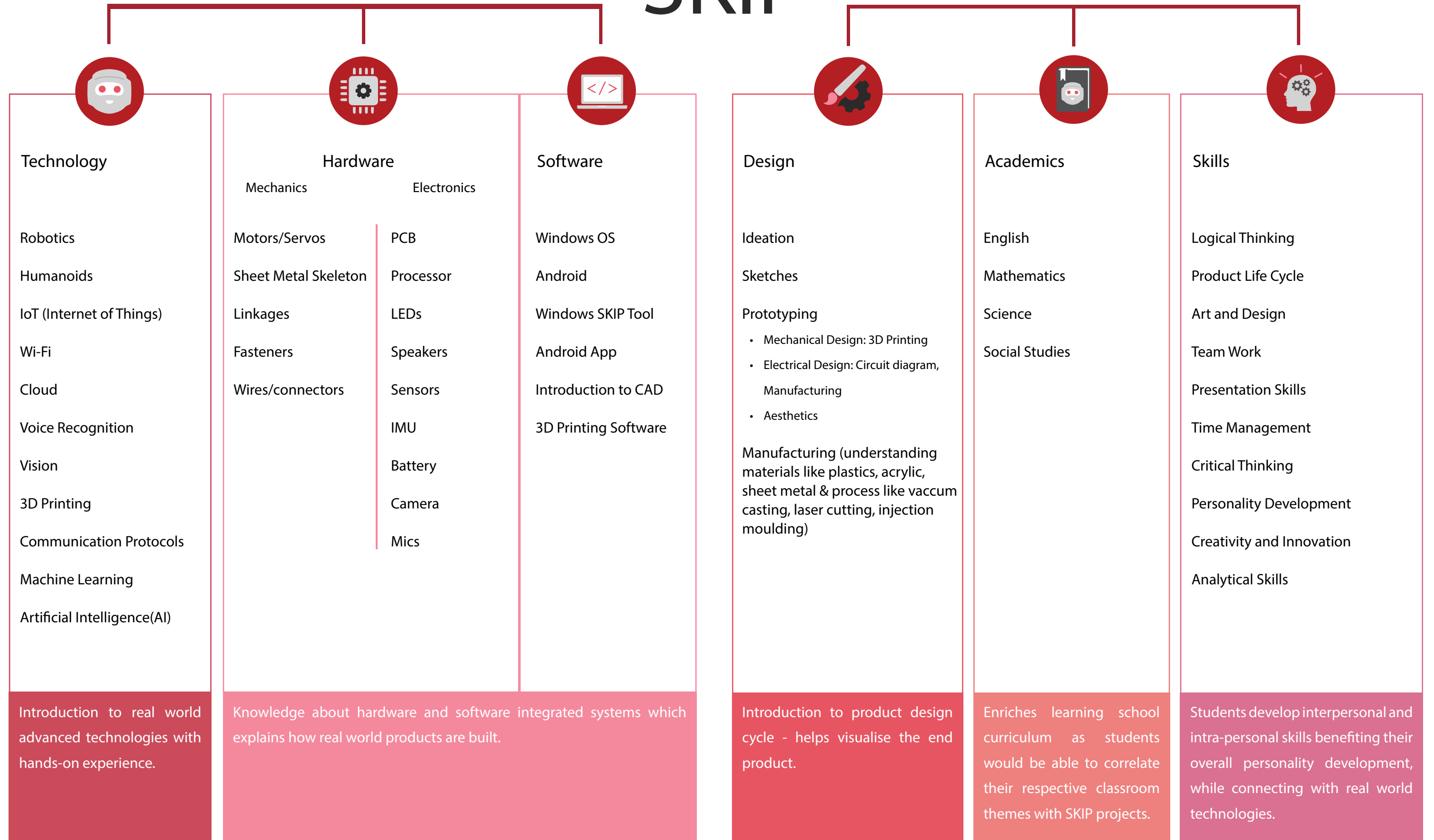
Skills

- Logical Thinking
- Product Life Cycle
- Art and Design
- Team Work
- Presentation Skills
- Time Management
- Critical Thinking
- Personality Development
- Creativity and Innovation
- Analytical Skills

Build Real-Robots in School



SKIP



This is a **36 week SKIP Sample Academic Planner** which involves kids from

Grade 4-9. The sections in each grade are divided as below:

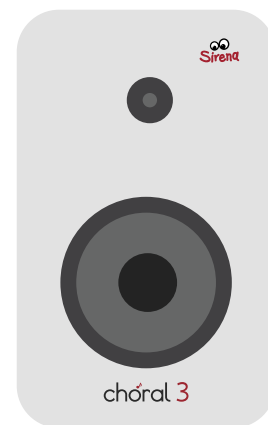
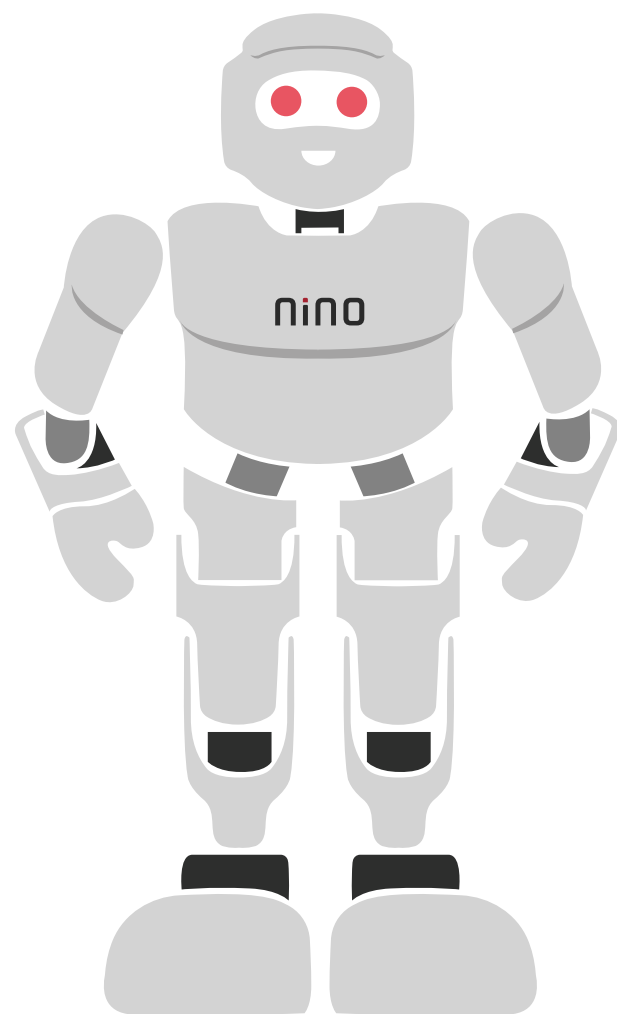
- Group 1- 4A, 5A, 6A, 4C, 5C, 7A,8A,9A
- Group 2 - 4B, 5B, 6B, 4D, 5D, 7B, 8B, 9B
- Group 3 - 4E, 4F, 4G, 6C, 6D,7C, 7D

The activities involve hands on with 4 Ninos, 2 Sirena Robotic Arms, 20 Sirena Robotic Snake kits and 10 Sirena Unmanned Ground Vehicle (UGV) kits. The numbers are subject to change according to the strength of students in a grade and number of sections.

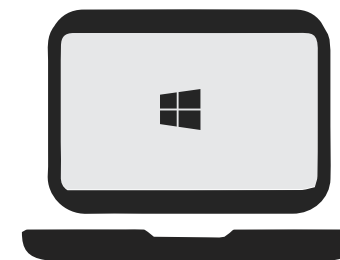
Number of weeks	Group 1	Group 2	Group 3
1	Introduction to Robotics		
2			
3	INCEPTION - Science		
4			
5			
6			
7	ASSEMBLY PROJECTS (Robotic snake kits for Grade 4-6 and Robotic UGV kits for Grade 7-9)	NINO & SIRENA ROBOTIC ARM	Android Programming (3 classes)
8			
9			3D Printing (2 classes)
10			
11			Inception - English (2 classes)
12			
13			Inception - Maths (3 classes)
14			
15			

Number of weeks	Group 1	Group 2	Group 3
16	NINO & SIRENA ROBOTIC ARM	Android Programming (3 classes)	ASSEMBLY PROJECTS (Robotic snake kits for Grade 4-6 and Robotic UGV kits for Grade 7-9)
17			
18			
19			
20			
21			
22			
23			
24			
25			
26	Android Programming (3 classes)	ASSEMBLY PROJECTS (Robotic snake kits for Grade 4-6 and Robotic UGV kits for Grade 7-9)	NINO & SIRENA ROBOTIC ARM
27			
28			
29			
30			
31			
32			
33			
34			
35			
36	THE REVISION DAY		

SKIP Inquiry Tools/Components



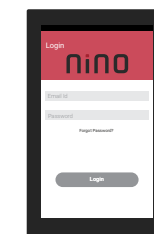
Sirena Speakers - Chorals



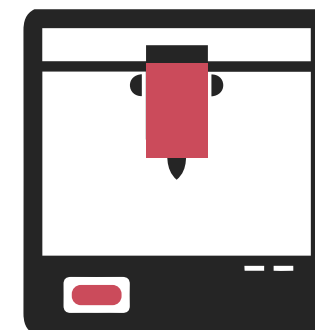
Windows PC



Sirena PC Tools



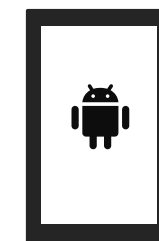
Sirena APP



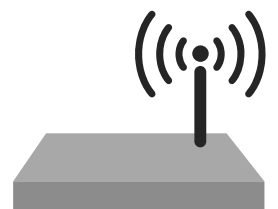
3D Printer



3D Printed parts



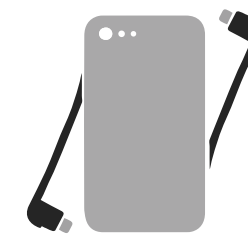
Android Tablet



Access Point



Sensors



Power Bank

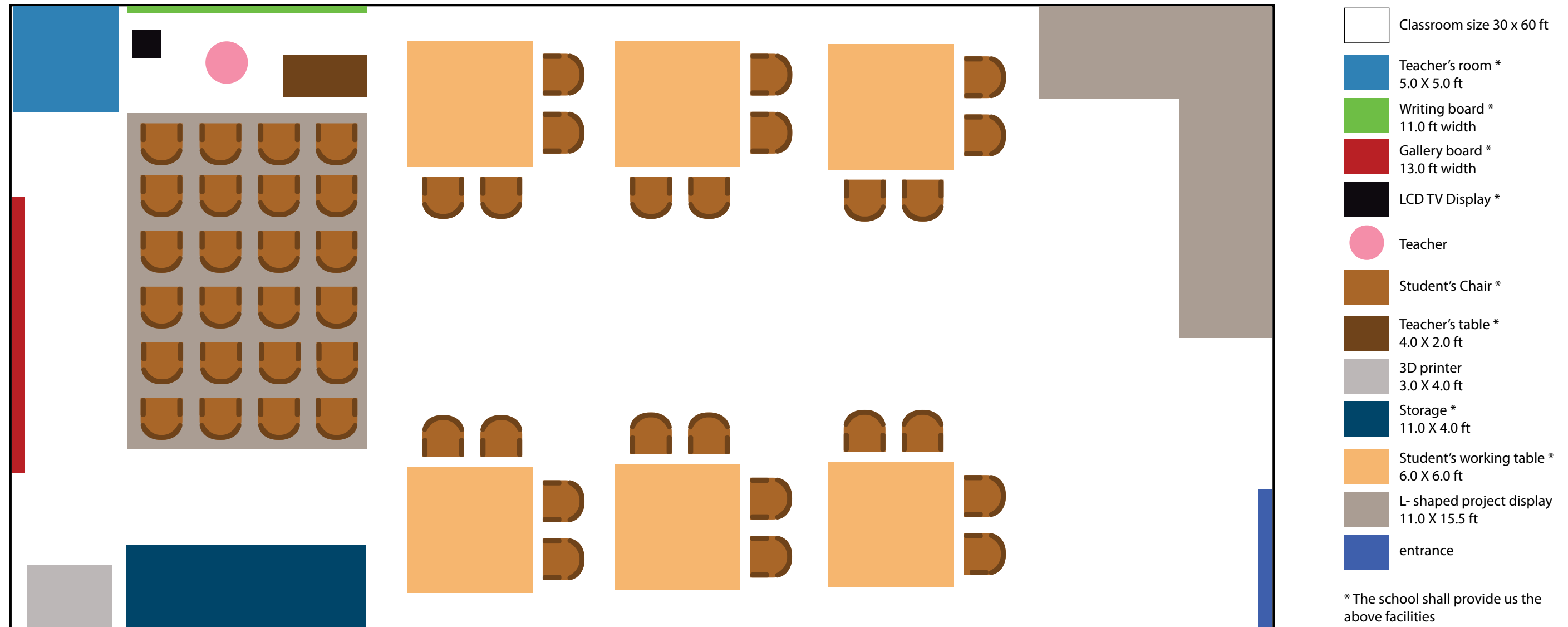


Choral M



Miscellaneous

Typical Layout of SKIP- Inquiry Lab



Sirena Responsibilities

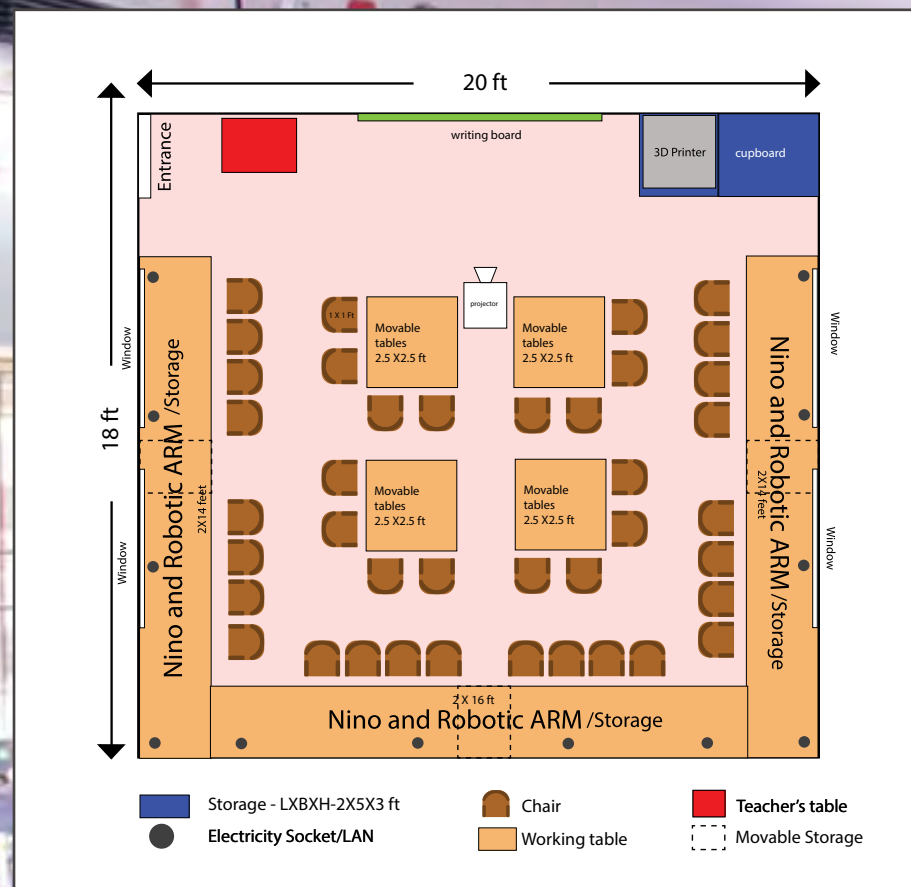
- To set up the Robotics Lab with all the above mentioned Hi-Tech Products
- To Provide Full Time Robotics teachers & Lab Assistance
- To Implement the Robotics Curriculum (Approved by DSERT)
- To Provide Service, Maintenance & Free Upgrades
- Delivery will be made within 6 weeks from the day of payment

School Responsibilities

- To Identify & allocate the 800/1,000 Sq Ft Space to Sirena Technologies to setup the lab

Inquiry labs are fully setup, managed and operated by Sirena Technologies

Sirena Robotics Lab KRM School, Chennai



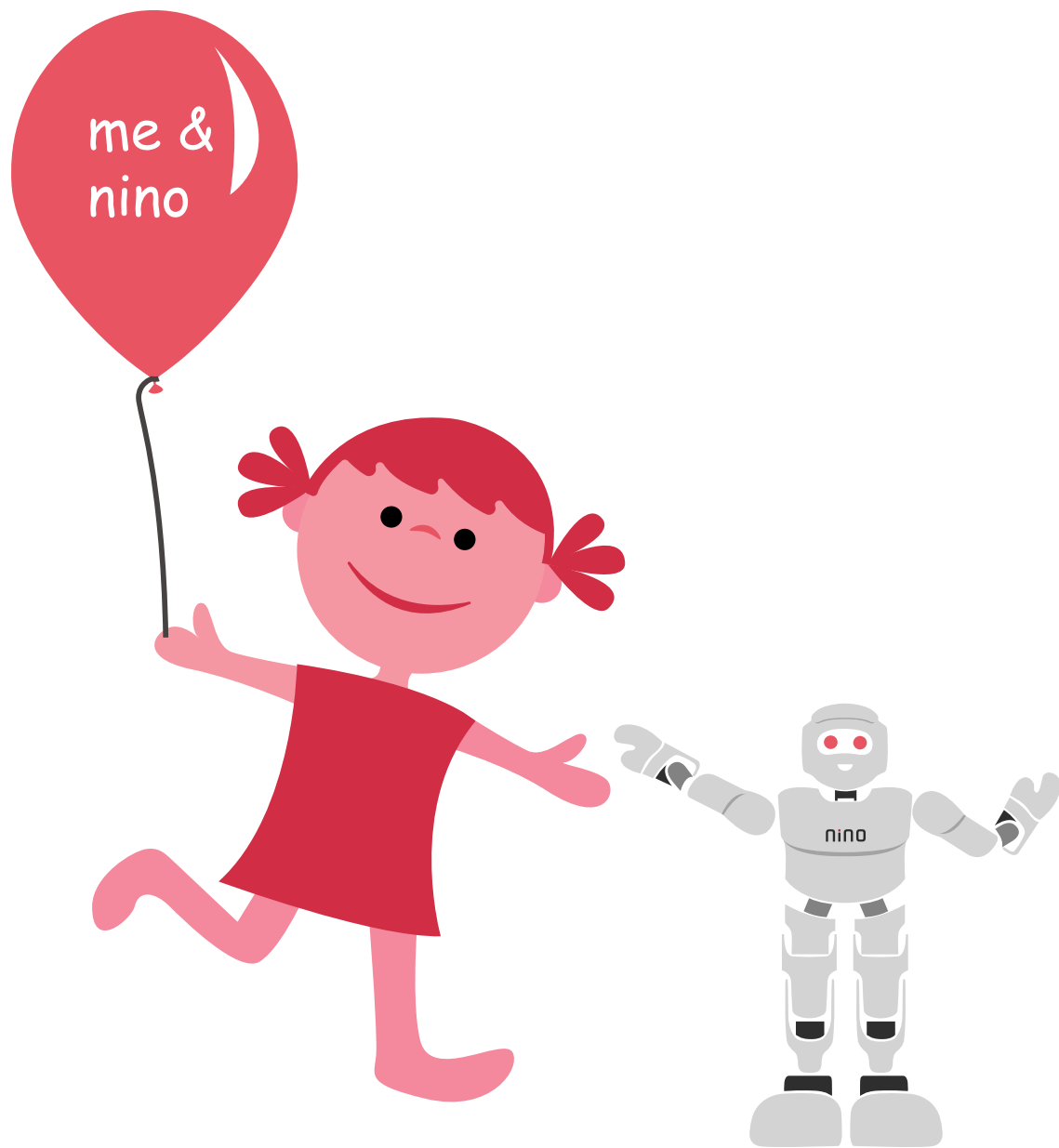


Learning at Sirena Robotics Lab

Engineering is an art when learnt

Imagine Robots available
to kids in their schools...





Bridging the gap between
real-world technologies and
education in schools

Contact Us
+91 78999 25747
contactus@sirenatech.com
www.sirenatech.com
www.facebook.com/sirenatech