

KIDS WORLD SCHOOL, NAGPUR
SESSION – 2026-27
CLASS -III
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

Week	1	2	3	4
Month - 1	Intro & Group Division	Project - Make Your First Light Glow	Project - Control Light using switch	Project - Sound Alarm device
Month - 2	Presentation/Research Park Connect	Project - Motor based fan	Competition (Intergroup)	Project - Clockwise & Anti-clockwise Rotation
Month - 3	Project - Build your first circuit	Project - AI Animal Identifier	Project - Multilingual Greeting Card	Presentation/Research Park Connect
Month - 4	Project - Basketball Game	3D Printing Exploration	Exploring Dimensions through 3D Design	Assessment
Month - 5	Viva	Create an HTML Page	Smart City Design Challenge	Competition (Intergroup)
Month - 6	Things Around Us Exploration in AR & VR	Presentation/Research Park Connect	Project - Derivative Projects	Buffer Week
Month - 7	Project - Derivative Projects	Project - Derivative Projects	Project - Derivative Projects	Buffer Week
Month - 8	Presentation/Research Park Connect	Project - Derivative Projects	Project - Derivative Projects	Project - Derivative Projects
Month - 9	Competition	Assessment	Viva	Startup Ideation
Month - 10	Idea Presentation	Opportunity & Analysis (Idea Submission)	Certification Distribution	Vision & Future Activities - Discussions

No.	Topic	Learning Outcome
IoT and Automation		
1	Make Your First Light Glow	Understand how electricity flows in a circuit to power an LED.
2	Control Light using switch	Learn how switches control the flow of electricity in a circuit.
3	Sound Alarm device	Explore how electrical energy can be converted into sound.
4	Motor based fan	Understand how electrical energy is converted into motion using a motor.
5	Project - Clockwise & Anti-clockwise Rotation	Observe how changing electrical connections can alter motor rotation direction.
6	Build your first circuit	Learn how breadboards help build and test electronic circuits
Artificial Intelligence (From AI & CT)		
7	AI Animal Identifier	Explore how AI can recognize and classify animals from images.
8	Multilingual Greeting Card	Use AI translation tools to create messages in multiple languages
9	Create Your Cartoon Character	Use AI tools to generate creative digital characters and understand AI-assisted content creation.
Game, App Development & 3D Printing		
10	Basketball Game	Develop logical thinking by creating a simple interactive game using block-based coding.
11	Customize Bounce Game	Modify existing game mechanics and understand how coding changes behavior and outcomes.
12	3D Printing Exploration	Understand how digital designs can be transformed into physical objects through 3D printing.
13	Exploring Dimensions through 3D Design	Learn the difference between 2D and 3D objects and create simple digital models.
Coding, Design Thinking, AR & VR		
14	Create an HTML Page	Build a basic webpage and understand how websites are created
15	Smart City Design Challenge	Apply creativity & problem-solving to design future cities.
16	Things Around Us Exploration in AR & VR	Explore real and virtual environments using immersive technologies and understand their applications.