

KIDS WORLD SCHOOL
SESSION - 2024 -25
ANNUAL CURRICULUM PLANNER
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS
CLASS –VI

MONTH	TOPIC	METHODOLOGY	ACTIVITY	LEARNING OUTCOMES
JULY	IoT Simulation/IoT Circular	Theory/Practical Circular activity	Code based automation of Motors; Practical to control Buzzer using code and sensors	Learning automation
AUGUST	IoT Simulation/IoT Circular	Theory/Practical Circular activity	Conditionally controlling the Motors; Practical to control Servos using code and sensors	Learning automation
SEPTEMBER	IoT Simulation /IoT Circular	Theory/Practical Circular activity	Coding logics variations to see the output variations in simulation; Practical to build an automatic dustbin	Learning automation
OCTOBER	AI/AI Circular	Theory/Practical Circular activity	AI and its applications; Practical to build an automatic dustbin	How to build AI projects
NOVEMBER	AI/AI Circular	Theory/Practical Circular activity	Building text recognition AI model; Tweak the code for the operations of automatic dustbin	How to build AI projects
DECEMBER	AI/Animation/ AR & VR Circular	Theory/Practical Circular activity	Building sound recognition based AI model; presentation and showcase of project	How to build AI projects, designing and experiencing 3d objects in VR
JANUARY	Website development/Aero space Circular	Theory/Practical Circular activity	One page birthday themed website development; Introduction to drone model	Design and flight principle of Airplane
FEBRUARY	Website development/Aero space Circular	Theory/Practical Circular activity	One page birthday themed website development; Introduction to flight principles; Presentation and showcase of projects	Design and flight principle of Airplane