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

MONTH	TOPIC	METHODOLOGY	ACTIVITY	LEARNING OUTCOMES
JULY	Qbot code module / IoT Circular	Theory/Practical Circular activity	Code to control Qbot code LED, Practical to control Actuator using code and sensors	Programming for IoT developers, code, sensor, and wireless AI modules
AUGUST	Qbot Sensor Module / IoT Circular	Theory/Practical Circular activity	Code to control Qbot sensor LED, Practical to control actuator and motors using code and sensors	Programming for IoT developers, code, sensor, and wireless AI modules
SEPTEMBER	Qbot Wireless Module /IoT Circular	Theory/Practical Circular activity	Code to control Qbot LED using bluetooth, Project on Sensor based Home automation	Programming for IoT developers, code, sensor, and wireless AI modules
OCTOBER	Qbot AI Module /AI Circular	Theory/Practical Circular activity	Code to control Qbot LED using AI, Project on Sensor based Home automation	Programming for IoT developers, code, sensor, and wireless AI modules
NOVEMBER	Software development /Coding Circular	Theory/Practical Circular activity	Arithmetic operations in python, Tweak the code on Sensor based Home automation	Python programming and its applications
DECEMBER	Software development /Coding Circular	Theory/Practical Circular activity	Create a chatbot in python; presentation and showcase of the project	Python programming and its applications
JANUARY	Data Science /Drone Circular	Theory/Practical Circular activity	Plot weather data of Delhi and discuss the results; Working of drone components simulation	Data scoping, analysis, and prediction, drone design basics
FEBRUARY	Data Science /Drone Circular	Theory/Practical Circular activity	Plot weather data of Delhi and discuss the results; Assemble the drone parts; Presentation and showcase of projects	Data scoping, analysis, and prediction, drone design basics