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

MONTH	TOPIC	METHODOLOGY	ACTIVITY	LEARNING OUTCOMES
JULY	Code Module - IoT Circular	Theory/Practical Circular activity	Building Qbot code mobile from scratch including hardware; Practical to control Actuator using code and sensors	Complete IoT project from scratch
AUGUST	Sensor Module - IoT Circular	Theory/Practical Circular activity	Building Qbot sensor mobile from scratch including hardware; Project on AI based home automation	Complete IoT project from scratch
SEPTEMBER	Sensor Module - IoT Circular	Theory/Practical Circular activity	Building Qbot sensor mobile from scratch including hardware; Project on AI based home automation	IoT application and integration of WIFI, Wired, and Wireless Modules
OCTOBER	Software development/codi ng Circular	Theory/Practical Circular activity	Create a chatbot in python; Project on AI based home automation	Python for data analysis
NOVEMBER	Software development/codi ng Circular	Theory/Practical Circular activity	Create a hangman game in python; Tweak the code of project on AI	Python for data analysis
DECEMBER	Data Science /AI Circular	Theory/Practical Circular activity	Gold price prediction using various trendlines; Presentation and showcase	Data analysis, data science limitations, and AI applications
JANUARY	Data Science /AI Circular	Theory/Practical Circular activity	Gold price prediction using various trendlines; Face recognition AI project	Data analysis, data science limitations, and AI applications
FEBRUARY	Introduction to Aerospace /Drone Circular	Theory/Practical Circular activity	Introduction to flight principals and aircraft parts; Aeromodel assembly to build airplane; Presentation and showcase of projects	Aircraft design and assembly