

ST. VINCENT PALLOTTI SCHOOL, NASHIK

AI(417) Split -Up Syllabus (2026-27)

Text: Explore AI and Robotics

Class– VIII

Kips Publication

Month	Days	Chapters	Activities	Exam Portion
April	22	<u>Digital Literacy</u> Chp1. Customising Google Sites Story Time: Connected India - Digital India Google Sites Enhancing the Website Changing the Image Link to External Webpage Inserting External Files Republishing the Site	Lab Sessions: Creating a Website on Digital India, Uploading File on the Google Drive Practice Zone: Create a website on Responsible Consumption and Production	
June	09	<u>Artificial Intelligence and Coding</u> Chp2. AI Project Cycle Story Time: AI Journey with Aarav, Riya, and KiBO Introduction to Project and Project Cycle What is an AI Project Cycle? Stages of the AI Project Cycle Problem Scoping, Data Acquisition Data Exploration, Modelling Evaluation, Deployment	Practice Zone: Teachable Machine (Learning-based Approach), Data Collection	
July	24	3. AI Ethics Story Time: Bias in the Basket - AI and Fairness Ethics AI Ethics Importance of AI Ethics AI Connect: Google Photos Face Grouping	Practice Zone: Moral Machine	Periodic Test-I Syllabus: Chapter No.1,2
August	20	Chp4. AI Concept at a Glance Story Time: Looking Back, Learning Ahead Human Intelligence Versus Artificial Intelligence Automation Versus Artificial Intelligence Applications of AI, Domains of AI AI and the Society, Different Tools AI Project Cycle, AI Ethics	Lab Sessions: Creating Cartoon Avatars in TOONME Practice Zone: Akinator (Based on Natural Language Processing)	
September	21	Chp5. Introduction to Python Story Time: Python: The Language of Simplicity Python Installing Python Getting Started with Python Components of IDLE Working in Interactive Mode Variables in Python Working in Script Mode	Lab Session: Practice in Python IDLE, Program to Display User's Details Practice Zone: Exercises for Skill Development	Half Yearly Exam Syllabus: Chapter No.1,2,3, 4,5

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		Data Types Using print() Function Using input() Function		
October	23	6. Iterative Statements in Python Story Time: Repetition Made Easy: Python Loops Operators Types of Control Structures Conditional Statements Concept of Loops Iterative Statements for Loop while Loop Infinite Loop Using else in Loops	Lab Session: Find the Greater of Two Decimal Numbers Practice Zone: Code Debugging, Analysing the Output	
November	15	Digital Citizenship Chp7. Media and Misinformation Story Time: Think Before You Share Digital Citizenship Digital Footprints Digital Friendship Relationships and Boundaries The Fear of Missing Out (FOMO) Fake Media: Do Not Believe Everything You See The Impact of Fake Media	Lab Session: Spotting the Fake Practice Zone: The Pressure of Perfection: Social Media's Impact on Mental Health	
December	18	Chp8. Arduino Adventures Story Time: The Magic of Patterns in Light Arduino Arduino Hardware Tinkercad Circuit Design	Lab Session: Simulating Diwali Lighting with LEDs Practice Zone: LED Blinking Patterns	
January	22	Chp9. Soil Moisture Indicator Story Time: Creating Smart Solutions for Everyday Problems Design Thinking Soil Moisture Indicator System Soil Moisture Sensor	Lab Session: Building a Soil Moisture Sensor Practice Zone: Clap to Glow	Periodic Test-II Syllabus: Chapter No.6, 7
February	22	Revision		Yearly Exam Syllabus: Chapter No.6,7,8, 9
March	12			