



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2025 - 2026
Class: IX

Subject : Artificial Intelligence
Book : Kips – Artificial Intelligence (9)

Subject Coordinator
Name: Bharti Rajpal

Head of Department
Name: Vikrant Kapoor

Sign:

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2025 - 2026

Subject : Artificial Intelligence

Class : 9

No. of periods :

Month	Assessed in	Lesson/s to be covered	Period Count
April + May	PT1+ Half Yearly + Finals	Introduction to AI	
June + July	Half Yearly + PT 2+ Finals	Data Literacy	
July	Half Yearly + PT 2 + Finals	Communication Skills - I	
Aug + Sep	Half Yearly + PT 2 + Finals	Self - Management Skills – I + ICT Skills - I	
Sep + Oct	PT 3 + Finals	Maths for AI	
Oct	Finals	Generative AI	
Oct + Nov	PT 3 + Finals	Entrepreneurial Skills – I + Green Skills - I	
Dec + Jan	Finals	Introduction to Python	
Feb	-	Revision	

Subject coordinator: BHA

HOD: VIK



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning overview

Session: 2025 - 2026

Subject : Artificial Intelligence Class : 9 No. of periods :

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
April	03.04.25	31.04.25	Introduction to AI	
May	01.05.25	31.05.25	Introduction to AI	
June	26.06.25	30.06.25	Data Literacy	
July	01.07.25	31.07.25	Data Literacy + Communication Skills - I	
Aug	01.08.25	15.08.25	Communication Skills - I	
Aug	16.08.25	31.08.25	Self-Management Skills - I	
Sep	01.09.25	07.09.25	Self-Management Skills – I + ICT Skills - I	
Sep	08.09.25	26.09.25	ICT Skills - I	
Sep	27.09.25	30.09.25	Maths for AI	
Oct	06.10.25	15.10.25	Maths for AI + Generative AI	
Oct	16.10.25	31.10.25	Generative AI + Entrepreneurial Skills - I	
Nov	01.11.25	30.11.25	Entrepreneurial Skills - I + Green Skills - I	
Dec	01.12.25	31.12.25	Python	
Jan	07.01.26	31.01.26	Python	
Feb	1.02.26	10.02.26	Revision	

Subject coordinator: BHA

HOD: VIK



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : Artificial Intelligence Class : 9 No. of periods :

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1: 03.04.25 to 05.04.25		Period Count: 2	
PD1	Intro to AI		
PD2	Domains of AI		
WEEK 2: 07.04.25 to 11.04.25		Period Count: 2	
PD1	Applications of AI		
PD2	Project Cycle - 1 (Problem Scoping)		
WEEK 3: 14.04.25 to 19.04.25		Period Count: 2	
PD1	Project Cycle – 2 (Data Acquisition)		
PD2	Project Cycle – 3 (Data Exploration)		
WEEK 4: 21.04.25 to 26.04.25		Period Count: 2	
PD1	Project Cycle – 4 (Modelling)		
PD2	Surprise Test		
WEEK 5: 28.04.25 to 03.05.25		Period Count: 2	
PD1	Project Cycle – 5 (Evaluation)		
PD2	Project Cycle – 6 (Techniques)		

WEEK 6: 05.05.25 to 10.05.25		Period Count: 2	
PD1	Project Cycle – 7 (Deployment)		
PD2	Ethics and Morals		
WEEK 7: 13.05.25 to 17.05.25		Period Count: 1	- PT1
PD1	AI Ethics		
WEEK 8: 19.05.25 to 24.05.25		Period Count: 2	
PD1	Need - AI Ethics		
PD2	Surprise Test		
WEEK 9: 26.05.25 to 31.05.25		Period Count: 2	
PD1	Ethical Issues		
PD2	AI Bias		
Summer Break Weeks: 10 - 14			
WEEK 15: 30.06.25 to 05.07.25		Period Count: 1	
PD1	Advantages and Disadvantages of AI		
WEEK 16: 30.06.25 to 05.07.25		Period Count: 2	
PD1	Intro to Data Literacy		
PD2	Cyber Security		
WEEK 17: 07.07.25 to 12.07.25		Period Count: 2	
PD1	Types of Data		

PD2	Surprise Test		
WEEK 18: 14.07.25 to 19.07.25		Period Count: 2	
PD1	Data Acquisition		
PD2	Sources of Data Acquisition		
WEEK 19: 21.07.25 to 26.07.25		Period Count: 2	
PD1	Features of Data + Methods of Data Interpretation		
PD2	Surprise Test		
WEEK 20: 28.07.25 to 02.08.25		Period Count: 2	
PD1	Data Visualization		
PD2	Communication Skills – 1 - Methods		
WEEK 21: 04.08.25 to 09.08.25		Period Count: 2	
PD1	Communication Skills – 1 - Methods		
PD2	Communication Skills – 1 - Cycle		
WEEK 22: 11.08.25 to 16.08.25		Period Count: 2	
PD1	Communication Skills – 1 - Perspective		
PD2	Self-Management Skills – I - Introduction		
WEEK 23: 18.08.25 to 23.08.25		Period Count: 2	
PD1	Self-Management Skills – I - Importance		
PD2	Self-Management Skills – I - Importance		

WEEK 24: 25.08.25 to 30.08.25		Period Count: 2	
PD1	Surprise Test		
PD2	Self-Management Skills – I – Building Self Confidence		
WEEK 25: 01.09.25 to 06.09.25		Period Count: 2	
PD1	Self-Management Skills – I – Building Self Confidence		
PD2	ICT Skills – I – Introduction + Components of System		
WEEK 26: 08.09.25 to 13.09.25		Period Count: 1	
PD1	ICT Skills – I – Components of System + Devices		
Half Yearly Exams Weeks: 26 and 27 Dussehra Holidays – Week 28			
WEEK 29: 06.10.25 to 11.10.25		Period Count: 1	
PD1	ICT Skills – I – Basic Skills		
WEEK 30: 13.10.25 to 18.10.25		Period Count: 2	
PD1	Surprise Test		
PD2	Maths for AI - Importance		
Diwali Holidays – Week 31			
WEEK 32: 27.10.25 to 01.11.25		Period Count: 2	
PD1	Maths for AI – Statistics + Probability		
PD2	Maths for AI – Statistics + Probability		
WEEK 33: 03.11.25 to 08.11.25		Period Count: 2	

PD1	Generative AI - Concepts		
PD2	Generative AI - Comparision		
WEEK 34: 10.11.25 to 15.11.25		Period Count: 2	
PD1	Generative AI – Types + Examples		
PD2	Generative AI – Examples + Benefits		
WEEK 35: 17.11.25 to 22.11.25		Period Count: 2	
PD1	Generative AI – Benefits + Limitations		
PD2	Generative AI – Limitations + Tools		
WEEK 36: 24.11.25 to 29.11.25		Period Count: 2	
PD1	Generative AI – Tools + Ethical Concerns		
PD2	Entrepreneurship Skills - I – Types of business activities		
WEEK 37: 01.12.25 to 06.12.25		Period Count: 1	
PD1	Entrepreneurship Skills - I –Characteristics of an Entrepreneur		
WEEK 38: 08.12.25 to 13.12.25		Period Count: 2	
PD1	Green Skills – I - Environment Protection and Conservation		
PD2	Green Skills – I – Importance of Green Economy		
WEEK 39: 15.12.25 to 20.12.25		Period Count: 2	
PD1	Python – Algo and Flowchart		
PD2	Python – Introduction + Features		

WEEK 40: 22.12.25 to 27.12.25		Period Count: 2	
PD1	Python - Applications		
PD2	Python – Variables, single line and multiline statements		
WEEK 41: 28.12.25 to 31.12.25		Period Count: 2	
PD1	Python – Keywords + Rules for variable name		
PD2	Python – Data Types		
Winter Break: Weeks 41 - 42			
WEEK 42: 08.01.26 to 10.01.226		Period Count: 2	
PD1	Python – Operators – 1 and 2		
PD2	Python – Operators – 3 and 4		
WEEK 43: 12.01.26 to 17.01.226		Period Count: 2	
PD1	Python – Input and Output		
PD2	Python – Conditional		
WEEK 44: 19.01.26 to 24.01.226		Period Count: 2	
PD1	Python – Conditional + Looping		
PD2	Python - looping		
WEEK 45: 26.01.26 to 31.01.226		Period Count: 2	
PD1	Lists		
PD2	Revision		

WEEK 46: 02.02.26 to 07.02.226

Period Count: 2

PD1	Revision		
PD2	Revision		

WEEK 47: 09.02.26 to 14.02.226

Period Count: 2

PD1	Revision		
PD2	Revision		

Subject coordinator
BHA

Supervisor
NSL

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 20 - 20

Term :
From Date :
Subject :
Book :

Assessment :
To Date :
Class :
No. of periods :

Section	Subject Teacher	Lesson/s to be covered according to lesson plan	Status Yes/No	Reason if not completed

Remarks:

Subject coordinator:

HOD: