



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson Plan
Session 2026 - 2027
Class: VI

Subject: Computers

**Book: Tech Bugs, Computational Thinking and Artificial Intelligence
by CBSE**

Subject Coordinator
Name: Shewani Mehrotra

Head of Department
Name: Mr. Vikrant Kapoor



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2026 - 2027,

Subject : Computer

Class: VI

No of Active Periods: 75

Month	Assessed in	Lesson/s to be covered	Period Count
April	PT 1/Half yearly	Introduction to AI Internet and Internet Services	11
May	PT 1/Half yearly	Uncoil Python	03
July	Half yearly	Uncoil Python Decoding Python	06 + 06=12
August	Half yearly	Introduction to AI with everyday example Ethics & Digital Responsibilities	06+ 6=12
September	Half Yearly	Revision	
October	PT 2/Annual	MS-Excel 2016	10
November	Annual	More on MS-Excel 2016	10
December	Annual	Basic Data Concepts	09
January	Annual	Simple Pattern recognition of Decision making	8
February		Model paper and Revision	

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
Week 1: 2/4/26 to 4/4/26			Period Count:1
PD1	Introduction to AI	Read the Chapter	
Note Good Friday , Holiday			
Week 2: 06/4/26 to 11/4/26			Period Count: 3
PD1	Introduction to AI How does AI works, Types of AI	Read the Chapter	
PD2	Introduction to AI -AI in your everyday Adventure	Read the Chapter	
PD3	Introduction to AI-AI is awesome	Read the Chapter	
Week 3: 13/4/26 to 18/4/26			Period Count: 3
PD 1	Question and Answer, Back Exercise	Complete Q/A	
PD2	Internet definition	Read the Chapter	
PD3	Using internet to communicate	Read the Chapter	
Note:- Ambedkar Jayanti			
Week 4: 20/4/26 to 25/4/26			Period count: 3
PD1	Internet Services	Read the Chapter	
PD2	Back exercise	Complete Exercise	
PD 3	Question and Answer	Complete Q/A	
Week 5:27/4/26 to 2/5/26			Period count: 3
PD1	Uncoil Python		
PD 2	Lab Activity (Python)	Practice	

PD 3	Lab Activity (Python)	Practice	
Note: Buddha Purnima			
Week 6: 4/5/26 to 9/5/26		Period count : 3	
PD 1	Introduction to python	Read the Chapter	
PD2	How to install python	Read the Chapter	
PD3	Lab Activity base on variable	Practice	

Week 7: 11/5/26 to 16/5/26		Period count : 1	
PD 1	Features of Python	Read the Chapter	
PD 2	SUMMER BREAK		
PD3	SUMMER BREAK		
Week 8: 18/5/26 to 23/5/26		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
Week 9: 25/5/26 to 30/5/26		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		

Week 10: 1/6/26 to 6/6/26		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
Week 11: 8/6/26 to 13/6/26		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
Week 12: 15/6/26 to 20/6/26		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
Week 13: 22/6/26 to 27/6/26		Period Count: 00	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
Week 14: 29/6/26 - 04/7/26		Period Count: 03	
PD 1	Features of Python	Read the Chapter	
PD 2	Lab Activity		

PD 3	Lab Activity		
Week 15 : 06/7/26 to 11/7/26			Period count : 3
PD 1	Application /Uses of Python	Read the Chapter	
PD 2	Modes of Python,Thonny	Read the Chapter	
PD 3	Lab Activity		
Note : Second Saturday			
Week 16 : 13/7/26 to 18/7/26			Period count : 3
PD 1	Use of Interpreter, Print () in Python	Read the Chapter	
PD 1	Rules to write variable name	Read the Chapter	
PD 1	Datatype (Lab Activity)		
Week 17 : 20/7/26 to 25/7/26			Period count : 3
PD 1	Basic Datatype in Python	Read the Chapter	
PD 2	Built in Function Print	Read the Chapter	
PD 3	Abs, Bool, Eval, Float , Int	Read the Chapter	
Week 18 : 27/7/26 to 1/8/26			Period count : 2
PD 1	Len() , Max, Min, Sum function in python	Read the Chapter	
PD 2	Surprise Test		
PD 3	Lab Activity(page 32)		
Week 19 : 3/8/26 to 8/8/26			Period count : 3

PD 1	Back Exercise	Complete the exercise	
PD 2	Question and Answer	Complete Q/A	
PD 3	Decoding Python -Input Function	Read the Chapter	
Note : Second Saturday			
Week 20 : 10/8/26 to 15/8/26		Period count : 3	
PD 1	Types of Operators Arithmetic operators	Read the Chapter	
PD 2	String operator, Assignment operator	Read the Chapter	
PD 3	Relational operator , Conditional Statement, if else,if elif else.	Read the Chapter	
Note : Independence Day			
Week 21 : 17/8/26 to 22/8/26		Period count : 3	
PD 1	Back Exercise, Question and Answer	Complete the exercise	
PD 2	Introduction to AI and everyday example	Read the Chapter	
PD 3	Introduction to AI and everyday example	Read the Chapter	
Week 22 : 24/8/26 to 29/8/26		Period count : 2	

PD 1	Ethics and digital responsibility	Read the Chapter	
PD 2	Ethics and digital responsibility	Read the Chapter	
PD 3	Surprise Test		
Eid – Ul – Milad (Holiday)			
Raksha Bandhan (Holiday)			
Week 23 : 31/8/26 to 5/9/26		Period count : 3	
PD 1	Ethics and digital responsibility	Read the Chapter	
PD 2	Worksheet based on Ethics and digital responsibility	Complete the worksheet	
PD 3	Worksheet based on Ethics and digital responsibility	Read the Chapter	
Note: Janmashtami(Holiday)			
Week 24 : 7/09/26 to 12/9/26		Period count : 3	
PD 1	Practical Examination	Revise the chapter	
PD 2	Model Paper	Revise the chapter	
PD 6	Half Yearly Exams		
Note: Holiday (Second Saturday)			
Week 25 : 14/9/26 to 19/9/26		Period count : 3	
PD 1	Half Yearly Exams		
PD 2	Half Yearly Exams		
PD 3	Half Yearly Exams		

Week 26 : 21/9/26 to 26/9/26			Period count : 3
PD 1	Half Yearly Exams		
PD 2	Half Yearly Exams		
PD 3	Half Yearly Exams		
Week 27: 28/9/26 to 3/10/26			Period count : 2
PD 1	Half Yearly Paper Showing		
PD 2	Working with Excel Environment Ribbons, Worksheet Views	Read the Chapter	
PD 3	Creating and opening workbook	Read the Chapter	
Note: Mahatma Gandhi Jayanti (Holiday)			
Week 28 :5/10/26 to 10/10/26			Period count : 3
PD 1	Templates , Save and Save As ,Auto recover	Read the Chapter	
PD 2	Cell Basics , Cell Content	Read the Chapter	
PD 3	Inserting and Deleting cell	Read the Chapter	
Note : Holiday (Second Saturday)			
Week 29 : 12/10/26 to 17/10/26			Period count : 3
PD 1	Copy and Paste cell content	Read the Chapter	
PD 2	Drag and Drop , Fill Handle	Read the Chapter	
PD 3	Lab Activity	Practice	
Week 30 : 19/10/26 to 24/10/26			Period count : 1

PD 3	Back Exercise, Question and Answer	Complete Back Exercise	
Note :- Holidays (Dusshera)			
Week 31 : 26/10/26 to 31/10/26			Period count : 2
PD 1	Lab Activity page 52	Practice	
PD 2	Back Exercise, Question and Answer	Complete Q/A	
PD 3	Surprise Test		
Week 32 : 2/11/26 to 7/11/26			Period count : 3
PD 1	Modifying columns , Rows and Cells	Read the Chapter	
PD 2	Inserting , Deleting , Moving and hiding cells	Read the Chapter	
PD 3	Lab Activity	Practice	
Week 33 : 9/11/26 to 14/11/26			Period count : 0
Note: Diwali Holiday Second Saturday			
Week 34 : 16/11/26 to 21/11/26			Period count : 3
PD 1	Lab Activity page 62		
PD 2	Hide and Unhide row and Columns	Read the Chapter	
PD 3	Wrapping text, Merging cells	Read the Chapter	
Week 35 : 23/11/26 to 28/11/26			Period Count : 1
PD 1	Surprise Test	Read the Chapter	
PD 3	Centre Across selection, Formatting Cells	Read the Chapter	

Note: Holiday (Guru Nanak Jayanti)			
Week 36 :30/11/26 to 05/12/26			Period count: 3
PD 1	Bold, Underline, Italic, Add Border	Read the Chapter	
PD 2	Text Alignment, Find and Replace, Spell Check	Read the Chapter	
PD 3	Back Exercise, Question and Answer	Complete Q/A	
Week 37 : 07/12/26 to 12/12/26			Period count : 3
PD 1	Lab Activity		
PD 2	Basics Data Concepts	Read the Chapter	
PD 3	Basics Data Concepts	Read the Chapter	
Note: Second Saturday			
Week 38: 14/12/26 to 19/12/26			Period count : 3
PD 1	Basics Data Concepts	Read the Chapter	
PD 2	Worksheet based on Basics Data Concepts	Read the Chapter	
PD 3	Simple Pattern Recognition and Decision Making	Read the Chapter	
Week 39: 21/12/26 to 26/12/26			Period count : 3
PD1	Simple Pattern Recognition and Decision Making	Read the Chapter	
PD2	Simple Pattern Recognition and Decision Making	Read the Chapter	
PD3	Simple Pattern Recognition and Decision Making	Read the Chapter	
Note: Christmas			

Week 40: 30/12/26 to 02/01/27			Period count : 0
PD 1	Holiday (Winter Break)		
PD2	Holiday (Winter Break)		
Week 41: 04/1/27 to 09/1/27			Period Count: 02
PD1	Holiday (Winter Break)		
PD 2	Worksheet based on Simple Pattern Recognition and Decision Making	Complete the worksheet	
PD 3	Worksheet		
Note: Second Saturday			
Week 42: 11/1/27 to 16/1/27			Period count : 3
PD 1	Let's Start from Scratch	Read the Chapter	
PD 2	Online Scratch editor , Offline Scratch editor	Read the Chapter	
PD 3	Key components of the scratch editor, Stage, Sprite Panel	Read the Chapter	
Note : Makar Sankranti			
Week 43:18/1/27 to 23/1/27			Period count : 3
PD 1	Tabs, Block Description Block Palette	Read the Chapter	
PD 2	Script Area, Sound tab, Drag and Drop, Backdrop Tools	Read the Chapter	
PD 3	Lab Activity based on Scratch	Read the Chapter	
Week 44: 25/1/27 to 30/1/27			Period count : 2
PD 1	Lab Activity based on Scratch	Practice	

PD 2	Surprise Test		
PD 3	Lab Activity based on Scratch	Practice	
Note :- Holiday (Republic Day)			
Week 45: 1/2/27 to 6/2/27			
PD 1	Practical Examination		
PD 2	Model Paper		
PD 3	Model Paper		
Week 46: 8/2/27 to 13/2/27			
PD 1	Revision		
PD 2	Revision		
PD 3	Revision		

Week 47: 15/2/27 to 20/2/27			
PD 1	Revision		
PD 2	Revision		
PD 3	Revision		

Week 48: 22/2/27 to 27/2/27		Period Count: 00
PD1	Annual Examination	
PD2	Annual Examination	
PD3	Annual Examination	

Week 49: 1/3/27 to 6/3/27		Period Count: 00
PD1	Annual Examination	
PD2	Annual Examination	
PD3	Annual Examination	

Week 50: 8/3/27 to 13/3/27		Period Count: 00
PD1	Annual Examination	
PD2	Closed for Students	
PD3	Closed for Students	

Week 51: 15/3/27 to 20/3/27		Period Count: 00
PD1	Closed for Students	
PD2	Closed for Students	
PD3	Closed for Students	

Week 52: 22/3/27 to 27/3/27, 29/3/27 to 31/3/27		Period Count: 00
PD1	Holi	
PD2	Closed for Students	
PD3	Closed for Students	

Subject coordinator

Supervisor

Principal/V. Principal