

Annual & Weekly Syllabus Split-Up - 2026-27

Grade VIII

Subject: AI

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video Link	Activities/ practical	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment	
1	APRIL	25	Week 1	4	introduction to ai project life cycle	ai intro, types of ai, domains	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://teachablemehine.withgoogle.com	Diagram of ai project life cycle with explanation of each stage in detail;	comparing coffee harvesting and ai project lifecycle and textbook learning	https://drive.google.com/file/d/1fwYXQQEhx616sz4jgwajRcHjQGUV-Iv/view?usp=drive_link	GD/ Oral assessment/ Extra quesn
			Week 2	6	introduction to ai project life cycle	Ai project life cycle stages	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn
	Week 3	5	introduction to ai project life cycle	uses of ai	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru						GD/ Oral assessment/ Extra quesn	
	Week 4	6	introduction to ai project life cycle	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru						GD/ Oral assessment/ Extra quesn	
	Week 5	4	ai project life cycle-1	stage 1 and 2 in detail	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://ai-art.tokyo/en	poster of ai project life cycle	PPT and textbook learning	https://drive.google.com/file/d/1fb3cMhgB3avr5Ybw7NKPrl6TpECYnQ4T/view?usp=drive_1ink	GD/ Oral assessment/ Extra quesn		
2	JUNE	20	Week 1	0		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn	
			Week 2	6	ai project life cycle-1	data stage in detail	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn
	Week 3	6	ai project life cycle-1	modelling stages in ai		https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn		
	Week 4	6	Revision	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn		
	Week 5	2	Revision	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru		Flowchart for ai project cycle	textbook learning and GD for how an ai is made and textbook analysis			GD/ Oral assessment/ Extra quesn	
3	JULY	27	Week 1	4	Periodic Test 1		https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn	
			Week 2	6	ai project life cycle-ii		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	www.ibm.com/in-en/topics/data-recovery			https://drive.google.com/file/d/1b2LfscGYal6yoB8Q5romqLUzCFVTtX1/view?usp=drive_link	GD/ Oral assessment/ Extra quesn
	Week 3	6	ai ethics	ethical principles and uses of ai	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				https://drive.google.com/file/d/1edmONwnKqKwGzOUP9I0IKZ08kxUKlNx/view?usp=drive_1ink	GD/ Oral assessment/ Extra quesn		
	Week 4	6	ai ethics	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru		Group discussion points on Ai ethics and principles written neatly with coloured pens in copy	textbook learning and debate on ethical use of ai and principles of ai			GD/ Oral assessment/ Extra quesn	
	Week 5	5	Revision	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru						GD/ Oral assessment/ Extra quesn	
4	AUGUST	24	Week 1	1	Pre Mid Term Exam		https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn	
			Week 2	6	ML	learning in ai	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://emojiscavengerhunt.withgoogle.com			https://drive.google.com/file/d/14yjrN5ZYs3e99SGAJP4hD9_5FX92fX/view?usp=drive_link	GD/ Oral assessment/ Extra quesn
	Week 3	5	ML	diff types of learning in ai - SI, UI, RI, ML	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://autodraw.com					GD/ Oral assessment/ Extra quesn	
	Week 4	6	ML	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru		all learning types in ai models along with their diagram of logos	textbook learning and AIML uses and robots intro through ppt and visuals			GD/ Oral assessment/ Extra quesn	
	Week 5	5+1	Revision 1,2,3,4&5		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru						GD/ Oral assessment/ Extra quesn	
SEPTEMBER	23	Week 1	5	Term 1		https://youtube.com/playlist?list=PLVLoWQFKZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru					GD/ Oral assessment/ Extra quesn		

5		Week 2	6	Term 1		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				GD/ Oral assesment/ Extra quesn
		Week 3	5	Term 1		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				GD/ Oral assesment/ Extra quesn
		Week 4	5	6.Real World Robots and their Applications	Defence Robots,Military Robots,Entertainment Robot	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://aws.amazon.com		https://drive.google.com/file/d/1rBOaaO6qR7QKEEUZFGD1gn3Llyigi_QT/view?usp=drive_link	GD/ Oral assesment/ Extra quesn
		Week 5	3	6.Real World Robots and their Applications	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://botsify.com			GD/ Oral assesment/ Extra quesn
6	OCTOBER	25	Week 1	2	6.Real World Robots and their Applications	Humanoid Robots,Industrial Robots,Mobile Robots	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru		pasting pictures of doifferent types of robots in copies along with their properties	Robotics basic knowledge and integration with AIML through texbook leaning	GD/ Oral assesment/ Extra quesn
			Week 2	6	7.Identification of Robots	Exercise	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://control.com/technical-article	Sketch of Famous robotic engineers and robots	texbook leaning and Fammous robots and their working showing on live internet	https://drive.google.com/file/d/19fuZezJ-7VTKVfu-T4fUD-7EJmmFPimy/view?usp=drive_link
			Week 3	6	7.Identification of Robots	Revision	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 4	5			Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru			
			Week 5	5			Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru			
7	NOVEMBER	12	Week 1	0	Periodic Test 2		https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 2	0	Periodic Test 2		https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 3	0	8.Advanced HTML	Inserting Audio,Video in HTML	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	www.w3schools.com/html		https://drive.google.com/file/d/1gUHmsOnB_F3W7rI12QbM5cKKFA67Wa7/view?usp=drive_link
			Week 4	6	8.Advanced HTML	Inserting Link in a Webpage	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru			
			Week 5	5+1	8.Advanced HTML	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru		Html code written on a3 sheet along with output print out	texbook leaning and building websites for pros and cons of Ai through html
8	DECEMBER	21	Week 1	5	9.Introduction to Operators and Strings Datatype in Python	Arithmetical,Relational and Logical Operators	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://creatability.withgoogle.com/sound-canvas		https://drive.google.com/file/d/1oVygkUVUjY6BAH7-G0AylPdxmgRdOZN/view?usp=drive_link	
			Week 2	6	9.Introduction to Operators and Strings Datatype in Python	Built in functions for working with numbers,String operators	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 3	6	9.Introduction to Operators and Strings Datatype in Python	Exercise	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru		Python and its uses in various sectors in a flowchart	texbook leaning and python hello world command	
			Week 4	4	Revision	Revision	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 5	3			https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
9	JANUARY	22	Week 1	0			https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 2	6	Post Mid Term Exam		https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				
			Week 3	5	10. Conditional Statements and Control Statements	While Loop,for Loop	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru	https://developers.google.com/edu/python/strings		https://drive.google.com/file/d/1OJkrHavCP-bVdGcCs_j_rajl0wVPbKhX/view?usp=drive_link	
			Week 4	6	10. Conditional Statements and Control Statements	Jump Statement, Break and Continue	https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtSfLJuksCHVIXw&si=uZZThTcdWmCvTKru				

		Week 5	5	10. Conditional Statements and Control Statements	Exercise		https://youtube.com/playlist?list=PLVLoWQFkZbhXzplDZnAtStLJuksCHVIXw&si=uZZThTcdWmCvTKru		Python code to build a small calculator and its output in copy as printed	TEXTBOOK LEARNING , recalling basic python and buliding through simple codes		
10	FEBRUARY	23	Week 1	6	Revision	Revision						
			Week 2	6	Revision	Revision						
			Week 3	5	Revision	Revision						
			Week 4	6	Revision	Revision						
			Week 5	NA								
11	MARCH	17	Week 1	5	Revision							
			Week 2	6	ANNUAL EXAMINATION (II - VIII)							
			Week 3	6								
			Week 4	5								
			Week 5	3								