

**O. P. JINDAL SCHOOL, SAVITRI NAGAR, TAMNAR**

**Annual Syllabus Break-up for the session 2024-2025**

**Subject: - ARTIFICIAL INTELLIGENCE**

**Class: - IV**

Sl.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
1	<b>April</b>	23	6	1. IOT and Smart Homes 2. AI and smart living	* AI based application devices with their functions.	* Knowledge about concept of IoT.  * It describes about smart devices and self driving cars.	Think and Tell AI Explore
2	<b>June</b>	09	2	2. AI and smart living (continued)	*IOT –enabled devices that exist in a smart city.	* It describes the applications of AI and IoT.	Think and Tell AI Explore
3	<b>July</b>	26	8	3. Memory and storage	* Use of storage devices	* Develop an idea to differentiate between computer hardware and software.  * It tells about external and internal hardware of a computer.	Think and Tell AI Explore
4	<b>August</b>	24	7	4. Working with windows	*Change desktop appearance of the background  *Create file, folder and sub folder	* It will help to understand operating software windows 10.  *Student can define system and application software.	Think and Tell AI Explore
5	<b>September</b>	10	2	<b>Revision &amp; Term1 Half Yearly</b>			
6	<b>October</b>	17	6	5. Adding objects in word	* Creating Birthday card	*Student can create decorative text, insert objects into the document.  *Student can insert 3D	Think and Tell Do and learn

						objects.	
7	<b>November</b>	19	4	6. More features of word	* Paragraph writing	*Student can create, save and close a word file  *It tells about header and footers, set orientation, preview and print a document.	Think and tell  WordArt feature in word
8	<b>December</b>	13	4	7. Getting started with scratch	* Script in Scratch	*How to start scratch  *It tells about components of Scratch window.  *Also helps to save and open projects.	Think and Tell  Use of sprites in Scratch
9	<b>January</b>	25	7	8. Coding in Scratch	*Programming in Scratch	*Students will be able to add a new sprite.  * Express his/her creativity using blocks and sprites	Do and learn  How to change Backdrop of the stage.
10	<b>February &amp; March</b>			<b>Revision &amp; Term2 Annual Exam</b>			

### SYLLABUS FOR EXAMINATION

S.NO	EXAMINATION	SYLLABUS FOR EXAMINATION
1	Term-1(Half Yearly Exam)	Lesson- 1, 2, 3, 4
2	Term-2(Annual Exam)	Lesson- 5, 6, 7, 8