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# What is Scratch?

- Scratch is block coding software for students which students use to learn for making video games and understand the basics of coding.
- In this program, we help students to take a step towards working with technology professionally and learn important industry skills within engineering, IoT, and data processing

<b>Class</b>	<b>Project/Activity</b>	<b>Understanding/Learning</b>
1	Basic block intro	Understanding the block basics
2	Talking calculator	Understanding the graphic interfacing
3	Jumping game	Understanding movement and locomotion
4	Space race	Understanding gaming concepts
5	Galaxy war	Understanding screen shifting
6	Iconic super Mario	Understanding of traditional gaming and modern gaming
7	Super ninja fighting	Elimination concepts in gaming



8	Super corona fighter	Understanding looping in gaming
9	Bubble blaster	Understanding matrix method
10	Flying fish	Understand coordinate geometry
11	Angry Birds	Understand projectile motion with coding
12	Logic puzzle	Mathematical operation in coding
13	Tick toe	Logical reasoning through coding
14	Hungry python	Shifting array and coordinate geometry
15	Mission mangal	Basic astronomy with block coding
16	Quest hunter	Logic understanding in gaming
17	Ludo master	Logic building with mathematics
18	Own shooting Expert	Image modification and real-time gaming
19	Fruit ninja 2.0	The sensor in the gaming
20	Bahubali 3.0	STEM combination project