



BASIC TECHNOLOGY SCHEME
J.S.3

SN	TOPICS	CONTENT
1	Introduction to isometric drawing(projection)	Construction of plane shapes and blocks(mechanical structures)
2	Oblique drawing	Construction of objects (machines)
3	Orthographic projections(drawing)	1 st angle projection and 3rd angle projection(side view, front view and plane)
4	Perspective drawing	Construction of blocks.
5	Simple mechanism	Motion in mechanism (linear motion and rotary motion), clutches, brakes and ratchets.
6	Building technology (2)	Floors, doors, windows, roofs and other components of the building.
7	Building maintenance	Internal and external.
8	Mechanical fittings	Explanations, nails, screws, hinges and locks.
9	Domestic sources of water supply.	The plumbing of domestic pipe system, the sewage disposal, soak away pit, periodic maintenance records and fault dictation.