	D&T Systems & Control		D&T Systems & Control
	Year 8 Revision Materials		Year 9 Revsion Materials
	Electronic Components and Circut Symbols		What is the pupose of using mechanisms common uses of them
	Ohms law, Resistance and Resistor Colour Code		Types of motion, symbols and descriptions
	Soft Solder Process and safe working practices		Levers and their classification - FLE123
	Systems Approach - Input / Process / Output - What is a block diagram		Cams & Followers, types, differences in motion and three movements -Rise, Fall and Dwell
	Digital vs Analogue Inputs and how to program them		Types of Gears - and their individual purposes
	High and low power outputs		Pulley & belts
	Microcontroller - Purpose, pinout and uses		Crank & slider mechanism
	Programming - Flowcharts and common command boxes		Peg & slot mechanism
	Using the multimetre to check voltage		Changing velocity & magntude of movement and mechanical advantage formula