




Code	Title	Time (in mins.)	Code	Title	Time (in mins.)
E28	Conquest of the atom, X-Ray Diffraction, Principles of Nuclear Fission.	55	E73	Vanadium: A Transistor Element, metals & Non-metals, Silicon & its Compounds. Diamonds a Metal working	57
			E94	Rutherford Model of An Atom	
		<b>GEOLOGY</b>			
E29	Electricity (Fundamentals), pressure & Current, Electrical sources.	55	E41	Our Planet Earth, Igneous Rocks, Volcanoes, Exploring the Restless Earth.	50
E30	Introducing the Oscilloscope, Electromagnetic Waves, Isotopes.	53	E42	Earth & Sun, Earthquakes & Volcanoes, Not so Solid Earth.	55
E31	Electromagnetic Waves Part-I & Part -II.	42			
E32	Waves & Vibrations, Young & the Theory of Light, Principles of T.V.	54			
E33	Velocity of Gamma Rays, Learning About Heat, Discovery of Radioactivity.	46	E76	Maps & Weather Waves, Rocks for Beginners, Rocks & Minerals.	37
E61	Steam & Steam Generation Time Measurement & Meaning.	51	E77	Lime Stone, Exploring the Moon, Position of the Moon, The Sun, Exploring the Space: Solar System	58
E62	Energy From the Sun, How it works.	41	E78	Space Science: Exploring the Moon, How the Earth Moves, Star Part-I & Part-II.	41
E63	Actions & reaction, Rotational Dynamics.	34	<b>GEOGRAPHY</b>		
E64	Fuels for the Future, How Machines help us.	47	E39	Maps Skills - Understanding Latitude & Longitude, Time Lines & History.	44
E65	Rockets, Doppler Effect, Wave Particle Quality, Newtons II Law.	53			
<b>CHEMISTRY</b>					
E34	Atoms & Molecules (Properties of matter), Chromatography, Combustion.	47	E40	Light & Shadow, Axis makes Climate, Heat Hemisphere, Work of Rivers.	35
E35	Acids, Bases & Salts, Physics & Chemistry of Water.	41			
E36	What is Soap?, Sodium Family, Nitric Acid Compounds & Nitrogen Cycle.	48			
E37	O for Oxygen, Strange case of Liquid Oxygen	44			
E38	Atomic Model & The Periodic Table.	44			
E66	Crystallisation, Distillation.	49			
E67	Properties of Matter I & II.	46			
E68	Properties of Matter III, IV & V.	55			
E69	Basic Laboratory Techniques I.	54			
E70	Basic Laboratory Techniques II.	60			
E71	Basic Laboratory Techniques III.	45			
E72	Preparation of Oxygen: Demonstration, Development of Electrochemistry, ABC of NPK, Facts about Fertiliser.	52			