

# UNIVERSITY OF SCIENCE TABLE

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	New Technologies	New Theories	New Laws
	Rosalyn S. Yalow – radio immunoassay Rosalind E. Franklin – x-ray diffraction, photography of DNA Frederick Sanger – structure of proteins Charles H. Townes – maser, laser Jacques Y. Cousteau – aqualung, submarines Shockley, Bardeen, Brattain – transistor Grace B.M. Hopper – supercomputer, COBOL language Enrico Fermi – nuclear reactor Robert Watson-Watson Selman A. Waksman	Steven Hawking – black holes Tsung-Dao Lee – overthrew parity theory Luis W. Alvarez – bubble chamber theory Richard P. Feynman – nuclear shell theory Marie Goepfert-Mayer – nuclear shell theory Werner Heisenberg – quantum theory Linus C. Pauling – resonance, electro negativity theory Edwin P. Hubble – red shift Niels Bohr – quantum theory Albert Einstein – relativity	<b>The Scientific Dark Age</b>  Isaac Newton – of dynamics James Clerk Maxwell – magnetism Gregor Mendel – heredity laws James P. Joule – Joule-Thomson effect, Joule's Law, Law of conservation of energy Jons Jakob Berzelius – law of definite proportions Joseph L. Gay-Lussac Charles Darwin
	John A. Fleming Thomas A. Edison – lightbulb, movie William H. Preece James C. Maxwell	6 9 12 15 15 19 19 20	
	Jean Bertrando Nikola Tesla Karl F. Gauss – heliograph, first telegraph Alessandro Volta Benjamin Franklin – lightning rods, bifocal glasses Robert Hooke – weather instrument Antonie van Leeuwenhoek	23 24 25 27 28 34 35	
		39 43 48 50 51 54 57 58	
		61 63 65 66	
			Galileo Galilei – law of inertia  Archimedes – law of buoyancy, law of simple machines Euclid – geometric laws