

Links for online tutorials

Class	Subject	Links	Topic
CLASS XII			
XII	Geography	https://youtu.be/0Qx2f-K6dws https://youtu.be/KEcijuJtkA4 https://youtu.be/KNKN_ap-Rkw https://youtu.be/IRFaTDfHPnA https://youtu.be/jG_ENvo-Gbo https://youtu.be/uq0iHyfsdE8 https://youtu.be/YRB-jrUPkw4 https://youtu.be/jEDhRfbhz1g https://www.youtube.com/watch?v=kj2R0Nxed8Y&feature=youtu.be https://youtu.be/ecd7lZ5mHTU	
XII	English	https://youtu.be/hI_X7wwcAD4 https://youtu.be/TYm6J_bVkbG https://youtu.be/YEICtDxdLCK https://youtu.be/zp3QuIG_jQg https://youtu.be/qltw1wrcbE0 https://youtu.be/zp3QuIG_jQg https://youtu.be/mX37gBaWJeA	

		https://youtu.be/Yr8sxV3KUcM https://youtu.be/9uVPuxzrzGA	
XII	Physics	https://youtu.be/k3-4X8aqY_w	Electric Charges; charging a conductor, basic properties of charges
		https://youtu.be/3wvf9sdgPzg	Coulomb's law-force between twopoint charges
		https://www.youtube.com/watch?v=DEkZQifM5O8&t=729s	forces between multiple charges; superposition principle
		https://youtu.be/9lnidenNq8Y	Electric field, electric field due to a point charge
		https://youtu.be/fw3juL8oiME	Electricdipole, electric field due to a dipole
		https://youtu.be/GoU3Uoeav_E	electric field lines, torque on a dipole in uniform electric field
		https://www.youtube.com/watch?v=2pkUXfqEU2s&t=734s	continuous charge distribution, Electric flux, statement of Gauss's theorem and its applications to find fielddue to infinitely long straight wire, uniformly charged infinite plane sheet anduniformly charged thin spherical shell (field inside and outside)
		https://youtu.be/QJ28m8sf0x0	problems relating electric field and flux
		https://youtu.be/fzuQ4U-bHlw	Electric potential, potential difference, electric potential due to a point charge
		https://youtu.be/7Wxaieb8IHw	a dipole and system of charges
		https://youtu.be/KZEob96veVo	equipotential surfaces, electrical potentialenergy of a system of two point charges and of electric dipole in anelectrostatic field.
		https://youtu.be/6JZDFFBgObM	Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation,
		https://youtu.be/Wf2GHIRa7yg	capacitors and capacitance, combination of capacitors in series and in parallel,

		https://www.youtube.com/watch?v=HMf4YJX5z04	Capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor
		http://youtu.be/6Z_wATWeZcA	Electric current, flow of electric charges in a metallic conductor, drift velocity,
		https://youtu.be/Ltn26eBNNUc	mobility and their relation with electric current
		https://youtu.be/fR-JnS_ZQh4	Ohm's law, electrical resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity
		https://youtu.be/402-FERtjR4	Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.
		https://youtu.be/jq8sGI98WsE	Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel
		https://youtu.be/NfTOChVBRaQ	Kirchhoff's laws and simple applications, Wheatstone bridge,
		https://youtu.be/A65nUf3tKaM	Metre bridge.
		https://www.youtube.com/watch?v=Xs0hlo2suLM	Potentiometer - principle and its applications to measure potential difference and for comparing EMF of two cells;
		https://www.youtube.com/watch?v=bEeIU02oC3U	Measurement of internal resistance of a cell.
XII	Hindi	https://youtu.be/OAYPtrmG9dA https://youtu.be/8xNs8vt_aYQ https://youtu.be/dldS9lCKj3Y https://youtu.be/k3v1q7cqTbY	Chapter 1, 2

Class X

X	Maths		
		https://youtu.be/jPVCcaAGFsA	Euclid's Division Lemma
		https://youtu.be/H2-Ghy43sJs	The Fundamental Theorem of Arithmetic
		https://youtu.be/cU2iIU-E2EI	Revisiting Irrational Numbers
			Rational Numbers and their decimal expansions
		https://youtu.be/omICga_h7ps	Geometrical Meaning of the Zeroes of a Polynomial
		https://www.youtube.com/watch?v=mk2XU1BQuSs&feature=youtu.be	Relationship between Zeroes and Coefficients of a Polynomia
		https://youtu.be/JZP9iCdZAbY	Division Algorithm for Polynomials
		https://youtu.be/7ECygNGdryE	Graphical Method of Solution of a Pair of Linear Equations
		1) https://www.youtube.com/watch?v=W1M-BPmB7g8&feature=youtu.be 2) https://youtu.be/aDR02jD1aBI	Substitution Method
		https://youtu.be/syn45LRiWi8	Elimination Method
		https://www.youtube.com/watch?v=zgj9Cn1IB10 https://youtu.be/qAU8kJ1m6yE`	Cross-Multiplication Method Equations Reducible to a Pair of Linear Equations in Two Variable
X	English	https://www.youtube.com/watch?v=1rbTvVQUpsg	A Letter to God (First Flight)
		https://www.youtube.com/watch?v=OAYsoIfpi_o&feature=youtu.be	Nelson Mandela : Long Walk to Freedom(First Flight)
		https://www.youtube.com/watch?v=XhjaQlABI78	Two Stories About Flying - I. The Black Aeroplane-1 (First Flight)

		https://www.youtube.com/watch?v=DEILVe93Qak	Two Stories About Flying - II. The Black Aeroplane-2 (First Flight)
X	Science	https://www.youtube.com/watch?v=MpAhnLsIL3o	Life processes – Introduction
		https://youtu.be/g_PD0TN2TQw	Life processes- Autotrophic nutrition
		https://youtu.be/TmfUDKvVD7s	Transportation in human beings
		https://youtu.be/mfV6E6jJyds	Light – Reflection Part 1
		https://youtu.be/JpoXTzcgvlQ	Light - Refraction through lenses- I
X	Social Science		
	history	https://youtu.be/cjXTKc51Hqg	Nationalism in Europe
	history	https://youtu.be/N2vgaeEzgFQ	Nationalism in Europe
	history	https://youtu.be/bVgMJpvYCMA	Nationalism in Europe
	history	https://youtu.be/fHGN4baBfXo	Nationalism in Europe
	history	https://youtu.be/zsqC2t2J4Iw	Nationalism in Europe
	Geography	https://youtu.be/f-XDMI26oBQ	Resource and Development
	Economics	https://youtu.be/16yXDNPJq_Q	Devwlopment