

Class -X
Subject: Mathematics

Chapters	Links	Solutions
1. Number System	https://www.youtube.com/watch?v=ByF2q7TENLE&feature=youtu.be	https://www.youtube.com/watch?v=m8eH4jAl-2Q&list=PLNz32RYOjBerwlrXRkb54ge9gaF0zR6-
2. Polynomials	https://www.youtube.com/watch?v=5wx-307BDco&feature=youtu.be	
4. Pair of Linear Equations in two variables	https://www.youtube.com/watch?v=6qJB9bfSMas&feature=youtu.be	
5. Quadratic Equations	https://www.youtube.com/watch?v=xBkHxE3CT-w&feature=youtu.be	
6. Arithmetic Progression	https://www.youtube.com/watch?v=7V_3YEPcqRQ&feature=youtu.be	
7. Triangles	https://www.youtube.com/watch?v=Am4mYSnhflc&feature=youtu.be	
8. Circles	https://www.youtube.com/watch?v=aRMm_RTGqns&feature=youtu.be	
9. Construction	https://www.youtube.com/watch?v=RmA3usXH80M&feature=youtu.be	
10. Introduction to Trigonometry	https://www.youtube.com/watch?v=C6ldCIN_idM&feature=youtu.be	
	https://www.youtube.com/watch?v=hrOUoe13f2s&feature=youtu.be	
11. Coordinate Geometry	https://www.youtube.com/watch?v=mOT0K5I56UE&feature=youtu.be	
12. Mensuration Surface Areas and Volumes	https://www.youtube.com/watch?v=hMc_sdcqZuM&feature=youtu.be	
	https://www.youtube.com/watch?v=BtrEVI7Ixo&feature=youtu.be	
13. Statistics	https://www.youtube.com/watch?v=gmrWScFo-s&feature=youtu.be	
14. Probability	https://www.youtube.com/watch?v=mEkqhex8lel&feature=youtu.be	

Class -X
Subject: Science

CHAPTERS		WEBLINKS
Chapter-1: Periodic Classification of Elements		https://www.youtube.com/watch?v=bdPzMY5WQL4&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=13&t=374s
Chapter	Topics	WEBLINKS
Chapter -2: Chemical Bonding	Introduction to Chemical Bonding	https://www.youtube.com/watch?v=ZbUIOR8CTMc https://www.youtube.com/watch?v=cwKgHNXRch0
	Ionic Bond	https://www.youtube.com/watch?v=1IFmgFLinVg
	Ionic Bonds- Conditions & Examples	https://www.youtube.com/watch?v=3iwM_l2e6Mk
	Covalent Bond	https://www.youtube.com/watch?v=LkAykOv1foc https://www.youtube.com/watch?v=EE-N8z-Q528
	Covalent Compounds-Polar & non-polar	https://www.youtube.com/watch?v=kplQz55-GtA
	Characteristics of Ionic & Covalent Compounds	https://www.youtube.com/watch?v=kplQz55-GtA
	Coordinate Bond	https://www.youtube.com/watch?v=026KzA6pFAY
	Bonding in Metals	https://www.youtube.com/watch?v=FkXUTYhtd5Q
Chapter-3: Acids Bases and Salts		https://www.youtube.com/watch?v=RwHYLUoO-qs&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=16&t=103s
Chapter-4: Types of Chemical Reaction		https://www.youtube.com/watch?v=tV0bxq3Dz88&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=17&t=0s
Chapter-5: Metals & Non-Metals		https://www.youtube.com/watch?v=0MgCeHqgCSQ&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=15&t=0s
Chapter-8: Electricity		https://www.youtube.com/watch?v=avEx9g3--BA&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=6&t=0s
Chapter-9: Magnetism & Chapter-10: Electromagnetic Induction		https://www.youtube.com/watch?v=EG9lwviUP_s&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=5&t=0s
Chapter-11: Light	Part-I	https://www.youtube.com/watch?v=Ym5xqyWHq-w&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=8&t=0s
	Part-II	https://www.youtube.com/watch?v=EfP38ak0Qis&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=7&t=0s

Chapter-12: Sources of Energy	https://www.youtube.com/watch?v=0Nhzmf1hshQ&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=4&t=0s
Chapter-13: Life Processes	https://www.youtube.com/watch?v=OlRkfytl4i4&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=12&t=0s
Chapter-14: Control and Coordination in living beings	https://www.youtube.com/watch?v=t7OJPcIksWA&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=11&t=0s
Chapter-15: Reproduction	https://www.youtube.com/watch?v=NuyZL6vHE1E&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=10&t=0s
Chapter-16: Heredity and Evolution	https://www.youtube.com/watch?v=OgN6Knmy8T8&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=9&t=0s
Chapter-17: Our Environment	https://www.youtube.com/watch?v=W6Us1jdXcrI&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=3&t=0s
Chapter-18: Natural Resources	https://www.youtube.com/watch?v=hyIY0PSYnGg&list=PLNz32RYOjBeoj5i-MeemU6KT92arFF8Rh&index=2&t=0s

ALTERNATIVE FOR UNIT 1: PERIODIC CLASSIFICATION OF ELEMENTS

SCIENCE FOR CLASS -X		
CHAPTERS	TOPICS COVERED	WEBLINKS
Chapter-1: Periodic Classification of Elements	History of Periodic Table	https://www.youtube.com/watch?v=I5H1SeepnaU
	Dobereiner's Triad & Newland's law of Octave	https://www.youtube.com/watch?v=kymDep3-6yU
	Mendeleev's Periodic Table	https://www.youtube.com/watch?v=9lvP7CQ-UBw
	Modern Periodic Table	https://www.youtube.com/watch?v=bKKJkxqlg94
	Electronic Configuration	https://www.youtube.com/watch?v=zKPU_0BNNlw
	To predict the Group Number	https://www.youtube.com/watch?v=fawTlMqP6XE
	To predict the Period Number	https://www.youtube.com/watch?v=DhHJoNZfLkM
	Variation in the Properties - Valency, Atomic Size, Metallic & Non-metallic Property, Nature of oxides	https://www.youtube.com/watch?v=bBH-OvXPI_M https://www.youtube.com/watch?v=GkSQptkEHAY https://www.youtube.com/watch?v=lpz0MqrQCcM https://www.youtube.com/watch?v=0QtsmfGLI_Q

CLASS-X
SUBJECT: SOCIAL SCIENCE
CHAPTER : POLITICAL SCIENCE

UNIT	CHAPTER	CONTENTS	WEB-LINK
I	Working of Democracy	Introduction	https://www.youtube.com/watch?v=v_HkZCJhG_c
		Challenges posed by Communalism	
		What is Communalism?	https://www.youtube.com/watch?v=b-CfGvfRQOs https://www.youtube.com/watch?v=5zdmvsRcDqU
		Caste and Politics /Caste in politics	https://www.youtube.com/watch?v=jXYeAOp5J1U https://www.youtube.com/watch?v=CfJxNdQ703Q https://www.youtube.com/watch?v=5zdmvsRcDqU
		Gender and Politics/ Women's Political Participation	https://www.youtube.com/watch?v=dE0yJ1dXJk https://www.youtube.com/watch?v=zd0Y7Sg5t0U
		Summary	https://www.youtube.com/watch?v=gN0mbUErtPO
		Role of Meira Paibis in the working of Democracy in Manipur	https://kapilarambam.blogspot.com/2016/02/meira-paibi-brief-story-of-women-torch.html https://www.youtube.com/watch?v=Ji0OV9HEJFc https://www.youtube.com/watch?v=6J4FbFrJfug
		Manipur State Commission for Women	https://manipurwomencommission.gov.in/newsletter/Newsletter_Vol2.pdf
II	Power Sharing	Introduction	https://www.toppr.com/guides/political-science/power-sharing/power/
		Why is power sharing desirable?	https://www.youtube.com/watch?v=sZdM7wyzjNI
		How is power shared in Democracy?	https://www.youtube.com/watch?v=QRdDNpQENs0
		Overview of power sharing	https://www.youtube.com/watch?v=0K4tymJ4i8
		<i>Questions and Solutions</i>	https://www.youtube.com/watch?v=SjVJemU8Hg
		Federal Provision and Institutions	https://www.youtube.com/watch?v=2GpR1OAZeYw
		Some basic features of a Federalism	https://www.youtube.com/watch?v=-wHMYyj_NiQ https://www.youtube.com/watch?v=vnFAwy4T0yU

		Overview of Federalism	https://www.youtube.com/watch?v=8GuTZJzERxc https://www.youtube.com/watch?v=_27mdE-wRSI https://www.youtube.com/watch?v=8GuTZJzERxc
II	Power Sharing	How has federal division of power in India helped national unity?	https://www.youtube.com/watch?v=8h-L2MJErI0
		Centre- State Relations	https://www.youtube.com/watch?v=QMfAZosYOn0 https://www.youtube.com/watch?v=h-8X-gWDYV4 https://www.youtube.com/watch?v=BNcWKAQAmog
		Political Decentralisation in India	https://www.youtube.com/watch?v=uW_RQ uXj31k https://www.youtube.com/watch?v=7oal3eJsels https://www.youtube.com/watch?v=xSugF76yVbk https://www.youtube.com/watch?v=wrVds4p1q94