

Please share to all grade 12 students doing LIFE SCIENCES

LIFE SCIENCES PAPER 1 GRADE 12

Topic	Sub-topic	Study video Links	Marks
PLANT RESPONSE TO ENVIRONMENT	Introduction to tropism	https://youtu.be/ptaSiUqQjW0	11
	Geotropism and photo tropism	https://youtu.be/FJITdbC4I5Q	
ENDOCRINE AND HOMEOSTASIS	Endocrine system (endocrine glands)	https://youtu.be/x9OdFlctD-s	26
	Homeostasis of glucose and	https://youtu.be/z4yDgQGJ0kM	
	Osmoregulation (ADH) Water balance & salt regulation	https://youtu.be/z4yDgQGJ0kM?t=550	
	Thermoregulation (temperature)	https://youtu.be/z4yDgQGJ0kM?t=900	
HUMAN EYE	Introduction to Human eye Structure and function	https://youtu.be/ouWDYGFw6As	
	Pupillary mechanism (dim and bright light)	https://youtu.be/_3qPt7aXxD8	
	Accommodation (near and far vision)	https://youtu.be/0Avr1LzGs0M	
	Eye defects (short sightedness, long sightedness, astigmatism & cataracts)	https://youtu.be/cBdsfVFBH5k	
HUMAN EAR	Introduction to Human ear and hearing	https://youtu.be/CJ3pvNfUkc	40
	HEARING PROCESS	https://youtu.be/mMDwTIIjQUQ	
	Process of Balance & hearing defects (middle ear infection and deafness)	https://youtu.be/IgPFmRXuBpk	

THE BRAIN AND REFLEX ARC	Introduction to nervous system And brain	https://youtu.be/wcDz-a4No0s	
	Types Nevers (neurons) Motor, sensory and connector	https://youtu.be/yObTZzrr2xI	
	Reflects arc (and questions)	https://youtu.be/yObTZzrr2xI?t=411	
	Synapse and disorders	Coming soon	
Reproduction and meiosis			
COMING SOON			

LIFE SCIENCES PAPER 2 GRADE 12

Topic	Sub-topic	Study video Links	MARKS
HUMAN EVOLUTION	Introduction to human evolution	https://youtu.be/LOsNfpmGvnY	43
	differences between humans and apes	https://youtu.be/yhH6W3INEmI	
	Bipedalism Vs Quadrupedalism	https://youtu.be/JuhBWGUW15s	
	Fossils , Mt DNA, Cultural evidences	https://youtu.be/JW10yRggGYE	
	Out of Africa hypothesis	https://youtu.be/H--P1cWBvAo	
	Understanding phylogenetic tree (general)	https://youtu.be/RpwjZmc_wYk	
	phylogenetic tree (explained in detail)	https://youtu.be/QEGOK5hNGfE	
EVOLUTION BY NATURAL SELECTION	Introduction to evolution (theory vs hypothesis)	https://youtu.be/Sx2pBsmBm8	23
	Evidences for evolution	https://youtu.be/QceKF1hcWHM	
	Continuous and Discontinuous variation	https://youtu.be/I7iwAgcOI_E	
	THEORIES OF EVOLUTION (Lamarckism vs Darwinism)	https://youtu.be/A2e73Juqx0Y	
	Punctuated equilibrium vs gradualism	https://youtu.be/K6cK34QowPY	

	artificial selection Vs natural selection	https://youtu.be/1IRXYacWHvo	
	SPECIATION (allopatric)	https://youtu.be/gcTjZkGG2gM	
	Present day evolution	https://youtu.be/_0oyan0tpbY	
GENETICS	Introduction to genetics	https://youtu.be/gL4ZTMWr1mQ	45
	Monohybrid cross (how do we mark genetic crosses)	https://youtu.be/IeQuNBZDFNU	
	TYPE OF DOMINANCE, explained	https://youtu.be/9v283jVvUvc	
	Sex determination		
	Blood group	https://youtu.be/TOBYCpn7rPE	
	Dihybrid cross		
	Pedigree (sex and non sex linked)		
	Biotechnology and genetic engineering		
DNA coming soon			

Other topics are coming soon:

Visit our website for more resources or slides

<https://thundereduc.com/> or WhatsApp: 0848331738