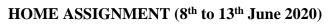
KERALA PUBLIC SCHOOLS

ACADEMIC YEAR 2020-21





CLASS	SUBJECT	CHAPTER	TOPIC	WEBLINK
VII	PHYSICS	Chapter : Energy	Module 1	
		and work	1. Answer the following questions:	
			i) Define the term Energy .	
			ii) State the S.I unit of Energy and define it.	
			iii) Define the term work and state its S.I unit.	
			2. Fill in the blanks:	
			i) The amount of work done depends on and	
			ii) The S.I unit of work is	
			iii) Another unit of Energy is	
			iv) When work is done on a body, it's energy	
			Module 2 : Different forms of energy	
			1. Answer the following questions:	
			i) Name five different forms of energy.	
			ii) What are two kinds of mechanical energy?	
			iii) Can a body possess energy when it is not in motion? Explain your answer with an example.	
			2. Match The Following Columns	
			COLUMN A COLUMN B	
			Running water. Heat energy	

		Burning.	Vibration	
		Energy.	Atom bomb	
		Sound energy.	Kinetic energy	
		Nuclear energy.	Joule	
CHEMIST RY	Ch – 3 : Elements, Compounds And	Q1. Fill in the blanks:		https://youtu.be/F-CCQBEkJ Wc
	Mixtures	a) are the smallest units of an element.		
	Topic :-	b) Chalk, milk and our bones contain a common metal		
	Introduction Of	c) Chocolate wrappers are made of metal.		
	Elements	d) Chlorophyll contains which helps to capture the energy from sunlight for photosynthesis by plants.		
		Q2) Define pure and impure s	substances.	
		Q3) What are the characterist do we need them?	ics properties of a pure substances? Why	
		Q4) Define atom.		
		Q5) Following are the symbol and compounds.	ls and formulae for some of the elements	
		Na, H ₂ , CO ₂ , NH ₃ , O ₂ , Fe, He,	, Hcl,N ₂ , H ₂ O, FeS, Cl ₂ .	
		Separate them as elements and	d compounds and give their names.	
	Topic :- Classification of elements	Q1)State three differences bet	tween metals and non metals.	https://youtu.be/F-CCQBEkJ
		O2) Give five examples of me	etals, non- metals, metalloids and noble	<u>Wc</u>
		gases.		https://youtu.be/F-CCQBEkJ
	Symbols of elements		nents . Select metals, non metals , om the list: gold, graphite , chlorine, hur, xenon, antimony.	Wc
		Q4) Learn the table 3.1 and 3.	.2	

BIOLOGY	CHAPTERS	ASSIGNMENTS
	CH.1 Plant and animal tissue CH.2 Classification of plants	 a) Fill in the blanks: a)connect abone to another bbone at joints. b) The liquid part of the blood is c) Phylumconsists of unicellular organisms. d)bacteria is used forcurdling of milk. e)bacteria is madeb up of cells which elongated and thickened at corners. f)cells transport water and minerals absorbed by the roots. g)means grouping organisms together on the basis of common features.
		 b) <u>State "True" or "False" :</u> 1. Fungi includes multicellular or many celled organisms. 2. Blood and lymph are fibrous connective tissue. 3. Areolar tissue binds our skin to the underlying tissue. 4. Parenchyma tissue are found in the soft parts of the plant. 5. Permanent tissue are made up of actively dividing cells. 6. Columnar epithelial cells are usually secretory. 7. Xylem ring indicates the age of the stem.
		 c) <u>Match and rewrite:</u> a) Axons b) Cardiac muscles c) Bone d) Sclerenchyma e) Cell v. Protoplasm e) Cell v. Heart d) <u>Answer the following questions:</u> a) Differentiate between Collenchyma and sclerenchyma on the basis of location. b) Name the four major groups of animal tissues.

		 c) Draw a well labelled diagram of bacterial cell and explain its structure. d) State the useful role of bacteria. e) Define symbiosis. f) State the characteristics of Angiospermic plants. 	
HISTORY/ CIVICS	Ch – 11 (Civics) : The Constitution of India.	A. Fill in the blanks- 1. A	https://www.youtube.com/wa tch?v=LYHAy68pQWA&fea ture=youtu.be
		 4 is an introduction to the Constitution. 5 means personal freedom. B. Write True or False- The Indian Constitution is fully flexible and rigid. India has a written Constitution. Citizens of 14 years and above are eligible to vote. The Constitution Assembly is called Mini India. Everybody is equal in the eyes of law. C. Answer in one word :- It is an introduction to a legal document which goes before the Constitution A country that is free to make its internal and foreign policies A territory of a sovereign state or government 	

		4. A state with an elected Head.	
		5. A state ensuring equal distribut	ion of wealth
		D. Answer the following question	<u>ns-</u>
		1. Define the term (i) Constitution	n (ii) Democratic (iii) Republic
		2. Who were the important leader	s of the Constituent Assembly?
		3. Write the date of enactment and	d adoption of the Constitution.
		4. Mention the four objectives of	the Constitution of India Explain it.
		5. Explain it: (i) Sovereign (ii) So	cialist (iii) Secular (iv) Equality
GEOGRA PHY	Ch - 4 : Weather and Climate	 1.Answer the following question a) Name any four elements of weatby b) What is the purpose of Anemory c) Classify clouds on the basis of 2.Name the instruments used to of weather. a) Atmospheric pressure. b) Wind speed. c) Rainfall d) Ch-4 Weather and Climate Hundle) Temperature f) Direction of the wind. 3) Tick the correct option. a) Wind vane is used to find out i)Pressure iii) Temperature 	ather. meter. form ,height and appearance. measure the following elements

c) Relative humidity is measured byi) Wet and dry bulb thermometeriii) Thermometer	ii) Rain gauge iv) Stevenson screen	
d) Wind speed is measured in i) Km per hour iii)Knots	ii) Miles per minute iv) Meters per second	
4) Explain the following terms.i) Absolute humidityiii) Isotherms	ii) Hygrometer iv) Relative humidity	
5) Draw and label a Rain gauge.		

Rakshm

DIRECTOR ACADEMICS