

**SENTIA THE GLOBAL SCHOOL**

**Class: IX**

**PROJECT WORKS (Term-1 & Term-2)**

**SUBJECT: BANKING**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	1. Make a poster showing different signs of visual communication <b>OR</b> Make a chart on RBI RBI Goals & Functions	1. Role play as a banker Relationship between customer and banker	1. Collect information of any Leading Bank of Jharkhand and Telangana and make a word document / poster (Stick pictures also)	1. Write about utility services of Bank -ATM
		2. Talk about different types of Bank A/C and utility services.		2. Write about different ICT tools used in education and hospital, business.
Term-2	1. Collect information of any two insurance companies which provide General Insurance and Life Insurance <b>OR</b> Make a poster on Insurance awareness	1. Talk about your business plan as an entrepreneur and its functions and characteristics	1. Collect information of any leading company of Insurance in Jharkhand and Telangana <b>OR</b> Collect information of an Entrepreneur of Jharkhand and Telangana.	1. Write about Green skill and any five protection activities.
		2. Quiz Oral on Insurance Unit – 4		2. Write ten names of General Insurance companies and ten names of Life Insurance companies.

**Note: 1) SEA and Art Integration of Term – 1 to be completed during Summer vacation.**

**2) SEA and Art Integration of Term – 2 to be completed during Dusshera vacation.**

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**5) Date of submission of SEA Term – 1 on or before 23/6/2023**

**6) Date of submission of SEA Term – 2 on or before 10/11/2023**

**7) AI Term – 1 Topic – Digital India**

**SENTIA THE GLOBAL SCHOOL****Class: IX****PROJECT WORKS (Term-1 & Term-2)****SUBJECT: BIOLOGY**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	Do Lab record 1. To prepare a stained temporary mounts of (a) Onion peel (b) cheek cell	Quiz – 1. Plant and animal tissues	1. Collect information on use of Satellite images and echo sounds in pisciculture in Telangana and Jharkhand and write about it.	1. Article writing - Significance of DNA fingerprinting.
Term-2	Project – Write up 1. Human health and environmental risk posed by Synthetic Biology	Talk - 1. Effects of depletion of natural resources on environment		Poster – 2. Importance of millets: Millets for future / Nutrition

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**SENTIA THE GLOBAL SCHOOL****Class: IX****PROJECT WORKS (Term-1 & Term-2)****SUBJECT: CHEMISTRY**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	Prepare a model Text book Pg -13 <b>OR</b> Do Text book Pg - 30	Role play – Any one states of matter. [ Solid state / Liquid state and Gas state] <b>OR</b> Role play – any element of your choice		1. Give a brief description of elements in about 150 – 200 words with pictures.
Term-2	1. Do activity (4.2) Text book pg - 50	1.MCQ'S, Case based study class test Ch - 4		1. Draw a neat labelled diagram for the structure of atom with uses.
		2. Numericals Test - Molecular mass and Mole concept (Ch- 3)		

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**SENTIA THE GLOBAL SCHOOL**

**Class: IX**

**PROJECT WORKS (Term-1 & Term-2)**

**SUBJECT: ENGLISH**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	1. Group Work : Prepare a chart on school now and then <b>OR</b> Do writing Text book pg - 40	1. Recite poem Text book Pg -15 (The Road not taken) <b>OR</b> Text book Pg – 30 (Wind)	1. Prepare a flyer on – Digital India <b>OR</b> Write up on – Languages of Telangana and Jharkhand.	1. List the names of 5 Indian authors and their works
	2. Article writing on choice making <b>OR</b> Describe an incident when you were scared	2. <b>Podcast</b> on Listening Skill :  * Speech by swami Vivekananda <b>OR</b> * Speech by APJ Abdul Kalam		2. Make a comic strip of any story
		3. Listening Task		
Term-2	1. Write a travelogue - any place of your choice	1. Speaking skills Text book pg - 78	1. Stick different pictures of different kinds of Houses found in Jharkhand and Telangana and write about them <b>OR</b> Create an advertisement – (Bus / Train station/ Out door)	1. Prepare a dictionary of your own 5 words – each alphabet (New words)
	2. Do Text book pg -123 writing	2. Recite poem Text book Pg – 110 on killing a Tree(Two stanzas)		2. Poster Making – Child Education

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**Class: IX**

**PROJECT WORKS (Term-1 & Term-2)**

**SUBJECT: HINDI**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	1. Parvatarohi Bachendri pal ka Jeevan parichay chitra sahit likhiye	<b>Podcast</b> on Listening Skill : 1. Rahim ke dohe Text book :Pg - 78	1. Jharkhand aur Telangana rajya me purv tatha vartamaan samay me shiksha va sahitya ke kshetra me aye parivartan. (E- study, E- books, CSC, E- Books portal) Digital India.	1. Sandhi ki paribhasha dete hue uske prakaro ka flow chart banaiye (With Examples)
	2. Save soil (Make a poster)	2. Talk on – Any two Indian scientists who have received Nobel prize.  Text book :Pg - 45		2. Apne bachpan ki kisi yadgaar ghatna ke bare me bataiye. Jisme bal sulabh shararatee nihit ho?
Term-2	1. Patra lekhan ke madhyam se apni kisi romanchak yatra ka vrittant apne mitr ko batayen. (With picture)	<b>Podcast</b> on Listening Skill: 1. Apke ghar aaye atih ke sath hue anubhav ke bare me likhiye. Text book :Pg - 28	1. Jharkhand and Telangana ke any 3 poets and unki rachnao ke bare me likhiye.	1. Pustako ka Jevan me kya mahatvt h ? Apne niji pustakalay ke bare me bataiye.
	2. Raman ki vaigyanic uplapdhiyom ke bare me btayen.  <b>OR</b> Poster making on Beti bachao – Beti padao	2. Recite poem  Text book pg – 108  <b>OR</b> Text book Pg – 109		2. Aarth ke aadhar pr vakya kitne prakar ke hote h? udaharan sahit flow chart bnaiye?

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**Class: IX**

**PROJECT WORKS (Term-1 & Term-2)**

**SUBJECT: IT**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	1. Develop? Write a Good paragraph Text book Pg – 37 practice time A (or) B	1. Enact any 2 scenes where you have all methods of communication	1. Prepare a poster on "Digital Cyber Crime" of Telangana and Jharkhand.	1. Prepare a poster on the topic " Tools of ICT" (A4 size paper)
	2. Do Activity – 1 Text book Pg – 50 Ch -5	2. Role play Text book Pg – 57 Ch - 6		2. Prepare a poster on ' Components of open office writer' (A 4 Size paper)
Term-2	1. Do Activity -1 "(Q1) Ch – 21 Pg – 338 (Print out)	1. Talk on - types of charts Ch -14	1. Create a chart on Jharkhand and Telangana states famous foods (Graphical representation) <b>OR</b> Create a PowerPoint presentation on a communication languages of Jharkhand and Telangana	1. Prepare a chart ' Hazards of deteriorating environment' ( A4 size paper)
	2. Create a interesting presentation on ' Wireless computing' (Printout)	2. Class test CBQ Ch -18		2. Prepare a chart on ' Components of the Impress Window' (A4 size paper)

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**Class: IX**

**PROJECT WORKS (Term-1 & Term-2)**

**SUBJECT: MATH**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	Activity – 2 : To construct a square – root spiral	1.Role play any closed figure (Triangle / Quadrilateral)	1. Write about five pillars of digital India and represent any one pillar with help of bar graph for Telangana and Jharkhand.( 5 Years)	1. History of any one prominent Mathematician. Points to cover – * Photograph or Sketch, Place of birth, Important contribution to the world of Mathematics, Year of death (if died), Important incidents of their lives.
	2. Activity – 13 : To verify experimentally the different oriental for congruency of triangle using triangle cut outs (lab activity books)	2. MCQ's case study class test Ch - 4		2. Design a cross word puzzle with 100 small squares with different Mathematical terms.
Term-2	(Lab Activity book) 1. Activity – 16: To verify that the straight line joining the mid points of any two sides of triangle is parallel to the third side and is equal to half of it.	1.Tell about Circle and its related terms and its Properties <b>OR</b> Role play Any Solid Figure	1. Collect information about different industries in Jharkhand and Telangana surface area covered. <b>OR</b> Collect information about your favourite sports person from Jharkhand and Telangana and represent graphically his/ her career ( Min 5 years)	1. Collect information about population of India since 2015 to 2022 and draw a line graph to represents the data.
	2. Activity – 22: To verify that the opposite angles of a cycle quadrilateral are supplementary.	2. Class Test : Mean ,Median and mode (MCQ'S and class test)		2. History of the Number $\pi$ (Write up)

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**SENTIA THE GLOBAL SCHOOL****Class: IX****PROJECT WORKS (Term-1 & Term-2)****SUBJECT: PHYSICS**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	1. Write an article on inertia and its effects in everyday life <b>OR</b> Make a project on any Physics Scientist	1. Perform and discuss one activity based on Laws of motion (Oral) <b>OR</b> Talk on two 1. Gravitation 2. Mass and Weight 3. Thrust and pressure		1. Write an article on different types of motion. Explain with examples.
Term-2	1. Write an article on uses of Ultrasonic sound.	Role play 1. Hearing aid <b>OR</b> 2. Any source of energy	1. Make a project on any one musical instrument of Jharkhand and Telangana.	1. Make a list of any 10 musical instruments and mention its vibrating part (With pictures)

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**SUBJECT: SOCIAL**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>	<b>Portfolio</b>
Term-1	1. Prepare a project report on any revolutionary figure of your choice	1.Role play on any one physical feature of India	1. Make a poster on e- Governance in Jharkhand and Telangana	1. Write an essay about the French society during the late 18 <sup>th</sup> Century.
	2. Prepare a bar graph showing trends in literacy rate during the years 1951 to 2021 <b>OR</b> Collect information about " Silk Route"	2. Map class test Geography Ch – 1 & 2		2. Draw the various drainage patterns of rivers.
Term-2	1. Activity – History Text book pg – 26 1. Imagine yourself as Helmuth and had many Jewish friends in a school that you believe were not bad write a paragraph on what you would say to your father.	1.Talk – Importance of Conservation of Wildlife resources	1. Locate on the political map of Jharkhand and Telangana, the density of population. <b>OR</b> Draw a pie chart on types of crops grown in Jharkhand and Telangana.	1. Indian climate has some unique factors and features. Write an essay on the significance and limitations on the climate of India.
	2. Disaster management – prepare a research report about Turkey earthquake 2023 (Stick pictures)	2. TED Talk – Topic – Problems of unemployed youth in India.		2. Prepare a poster on poverty alleviation programme.

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**SENTIA THE GLOBAL SCHOOL****Class: IX****PROJECT WORKS (Term-1 & Term-2)****SUBJECT: TELUGU**

	<b>Subject Enrichment Activity</b>	<b>Multiple Assessment</b>	<b>Art Integration Topic</b>
Term-1	1. Stick pictures of any 5 festival celebrated in Telangana. Write 2 lines about each.	1. Tell any short story in Telugu (Unity)	1. Prepare a poster/ flyer, how the crops are grown in Jharkhand and Telangana with digital technology.
	2. Collect any story in Telugu based on theme: Friendship stick in note book write what you liked in story.	2. Share/Tell any 2 acts of kindness you have done in your life so far	
Term-2	1. Stick pictures of any 5 famous Telangana poets. Write 3 lines about each poet	1. Tell about any punyakshetram of your choice in Telugu	1. Stick pictures of punyakshetrams any 3 from Jharkhand and Telangana and name them.
	2. List out and write any 5 slogans in Telugu (Save tress)	2. Sing with action in Text book Ch – 7 (Poem)	

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