

IQRA PUBLIC SCHOOL, ALIGARH
SESSION 2025-2026
Class–X
Holiday Homework

S. No.	Subjects	Topics
1.	English	<p>Theme: "India Speaks: A Journey Through Language, Food, and Culture" Focus States: Arunachal Pradesh, Uttar Pradesh, Meghalaya</p> <ul style="list-style-type: none"> Page 1 – Detailed Report Writing Prepare a detailed report (200–250 words) on an imaginary or real visit to Arunachal Pradesh, Uttar Pradesh, or Meghalaya. <p>Include the following points: Purpose of the visit Cultural observations (dress, rituals, lifestyle, etc.) Food and festivals experienced Interaction with local people and your insights Language expressions learned (at least 3 phrases with meanings in English) Use proper report format. Headings and subheadings may be used. Write in the past tense.</p> <ul style="list-style-type: none"> Page 2 – Magazine and Writer Research Research and write in bullet points or paragraph form: Five Regional Writers Language they write in One famous work Their contribution to culture or society Five Regional Magazines Name of the magazine Language it is published in Focus area (culture, literature, society, etc.) State of origin Page 3 – Vacation Reflection Paragraph Topic: "One Meaningful Thing I Did During My Summer Break" Write a reflective paragraph in 150–200 words. <p>You may include: A new hobby or course you explored A memorable family moment or trip A lesson or realization that changed you Optional: Add a relevant picture, doodle, or short poem connected to your reflection.</p> <ul style="list-style-type: none"> Page 4 – Traditional Recipe Page Choose one traditional dish from Arunachal Pradesh, Uttar Pradesh, or Meghalaya and write: Name of the dish Ingredients Step-by-step method of preparation (in regional language and English) Add a drawing/sketch or printed picture of the dish (optional) Page 5 – Comparative Analysis: Food, Culture & People Instructional Task: Based on your research and reflections, write a comparative analysis in 150–200 words (or in chart/mind map format). <p>Answer these guiding questions: How does the food of each state differ or resemble each other? What are the key cultural differences or similarities? What did you notice about the people and their way of life? How do the languages spoken vary? What conclusion do you draw about India's diversity? Optional: Use a Venn diagram, chart, or creative layout to support your response. Submission Guidelines:</p>

		Use neat handwriting and organize your pages clearly Make it colourful and creative where appropriate Submit in a file or stapled notebook
2.	Hindi	कार्य: विज्ञापन निर्माण निर्देश: किसी सामाजिक मुद्दे (जैसे: स्वच्छता, जल संरक्षण, बाल विवाह, शिक्षा का अधिकार) पर एक रचनात्मक विज्ञापन बनाइए। इसमें आकर्षक स्लोगन, चित्र, और संक्षिप्त जानकारी होनी चाहिए। इसे अपनी हिंदी की कॉपी पर बनाएं।
	Urdu	مضمون / پوسٹر (Essay/Poster) اتر پردیش اور اروناچل پردیش کے مشہور شعراء و مصنفین ، کتابیں ، میگزین ، اخبار۔ نوٹ: Activity کرنے کے لیے Comments paper یا Sheet کا استعمال کریں گے۔
3.	Arabic	Write short article in Arabic on anyone of the following topics: 1. رحلة إلى مدينة الرسول صلى الله عليه وسلم 2. عيد الفطر/الأضحى
4.	Mathematics	Collect the data of number of seats won by various political parties of Meghalaya, Arunachal Pradesh and Uttar Pradesh in past two elections. Find Mean, median and mode.
5.	Science	<p>Physics</p> <ol style="list-style-type: none"> Determination of the focal length of: <ol style="list-style-type: none"> concave mirror convex lens by obtaining the image of a distant object. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. Determination of the equivalent resistance of two resistors when connected in series and parallel. Tracing the path of the rays of light through a glass prism. <p>Chemistry</p> <ol style="list-style-type: none"> Performing and observing the following reactions and classifying them into: <ol style="list-style-type: none"> Combination reaction Decomposition reaction Displacement reaction Double displacement reaction <ul style="list-style-type: none"> Action of water on quicklime Action of heat on ferrous sulphate crystals Iron nails kept in copper sulphate solution Reaction between sodium sulphate and barium chloride solutions A. Finding the pH of the following samples by using pH paper/universal indicator: <ol style="list-style-type: none"> Dilute Hydrochloric Acid Dilute NaOH solution Dilute Ethanoic Acid solution Lemon juice Water Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: <ol style="list-style-type: none"> Litmus solution (Blue/Red) Zinc metal Solid sodium carbonate

		<p>3. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: a) ZnSO_4 (aq) b) FeSO_4 (aq) c) CuSO_4 (aq) d) $\text{Al}_2(\text{SO}_4)_3$ (aq)</p> <p>Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</p> <p>4. Study of the following properties of acetic acid (ethanoic acid):</p> <p>a) Odour b) solubility in water c) effect on litmus d) reaction with Sodium Hydrogen Carbonate</p> <p>5. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.</p> <p style="text-align: center;">BIOLOGY</p> <p>Write down the following practical exercises (with diagrams) in your lab manuals.</p> <p>1. Preparing a temporary mount of a leaf peel to show stomata.</p> <p>2. Experimentally show that carbon dioxide is given out during respiration</p>																																				
6.	Social Science	<p>PROJECT I – INTERDISCIPLINARY PROJECT</p> <ol style="list-style-type: none"> Sustainable Development Social Issues Consumer Awareness <p>*Topics and Tasks:*</p> <ol style="list-style-type: none"> Sustainable Development <p>Write a 10-page report on:</p> <ul style="list-style-type: none"> Definition and importance Goals (SDGs) and India's progress Individual contributions to sustainable living Create posters and slogans on sustainable practices <ol style="list-style-type: none"> Social Issues <p>* Choose any 1 from:</p> <ul style="list-style-type: none"> Poverty Gender Inequality Child Labor Corruption <p>* Write an 8-page report on causes, effects, and solutions</p> <ol style="list-style-type: none"> Consumer Awareness <p>* Write a 10-page report on:</p> <ul style="list-style-type: none"> Consumer rights and responsibilities Factors influencing consumer behavior <table border="1"> <thead> <tr> <th>CLASS</th><th>ROLL NO</th><th>TOPIC</th></tr> </thead> <tbody> <tr> <td>X-A</td><td>1-12</td><td>Consumer awareness</td></tr> <tr> <td>X-A</td><td>13-24</td><td>Sustainable development</td></tr> <tr> <td>X-A</td><td>25-37</td><td>Social Issues</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>CLASS</th><th>ROLL NO</th><th>TOPIC</th></tr> </thead> <tbody> <tr> <td>X-B</td><td>1-14</td><td>Consumer awareness</td></tr> <tr> <td>X-B</td><td>15-28</td><td>Sustainable development</td></tr> <tr> <td>X-B</td><td>29-42</td><td>Social Issues</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>CLASS</th><th>ROLL NO</th><th>TOPIC</th></tr> </thead> <tbody> <tr> <td>X-C</td><td>1-13</td><td>Consumer awareness</td></tr> <tr> <td>X-C</td><td>14-26</td><td>Sustainable development</td></tr> <tr> <td>X-C</td><td>27-38</td><td>Social Issues</td></tr> </tbody> </table>	CLASS	ROLL NO	TOPIC	X-A	1-12	Consumer awareness	X-A	13-24	Sustainable development	X-A	25-37	Social Issues	CLASS	ROLL NO	TOPIC	X-B	1-14	Consumer awareness	X-B	15-28	Sustainable development	X-B	29-42	Social Issues	CLASS	ROLL NO	TOPIC	X-C	1-13	Consumer awareness	X-C	14-26	Sustainable development	X-C	27-38	Social Issues
CLASS	ROLL NO	TOPIC																																				
X-A	1-12	Consumer awareness																																				
X-A	13-24	Sustainable development																																				
X-A	25-37	Social Issues																																				
CLASS	ROLL NO	TOPIC																																				
X-B	1-14	Consumer awareness																																				
X-B	15-28	Sustainable development																																				
X-B	29-42	Social Issues																																				
CLASS	ROLL NO	TOPIC																																				
X-C	1-13	Consumer awareness																																				
X-C	14-26	Sustainable development																																				
X-C	27-38	Social Issues																																				

		<p>PROJECT 2 - ART INTEGRATED PROJECT</p> <p>Topic:</p> <ul style="list-style-type: none">• Comparative Study of Political Parties of Arunachal Pradesh and Uttar Pradesh <p>Objectives:</p> <ul style="list-style-type: none">• To compare political party landscapes• To contrast electoral trends• To understand governance differences <p>Project Requirements:</p> <ul style="list-style-type: none">• Create a PowerPoint Presentation (10 slides)• Compare and contrast the following: <ol style="list-style-type: none">1. *Ruling Parties: •<ul style="list-style-type: none">* Arunachal Pradesh: BJP/APCC* Uttar Pradesh: BJP/SP2. *Opposition Parties: •<ul style="list-style-type: none">• List and describe major opposition parties in both states3. *Electoral Trends: •<ul style="list-style-type: none">* Compare vote share percentages in recent elections4. *Governance Differences: •<ul style="list-style-type: none">* Compare policy initiatives and implementation <ul style="list-style-type: none">• Include tables, graphs, charts, and images• Use Arial/Times New Roman font, size 18-24																																																																		
7.	Physical Education	<table><tr><th>HPE Project</th><th>(write about 10 to 15 pages)</th></tr><tr><td>Swachha Vidyalaya Swachha Bharat</td><td></td></tr><tr><td>Dignity Of Labour .</td><td></td></tr><tr><td>Empathy</td><td></td></tr><tr><td>Care For Homeless Children</td><td></td></tr><tr><td>Being Safe And Responsible First Aid</td><td></td></tr><tr><td>Environment Conscious Citizens As Part Of Eco Clubs</td><td></td></tr><tr><td>First Aid Awareness raising Demonstration</td><td></td></tr><tr><td>Preparation Of Family Budget And Maintenance Of Daily Household Accounts</td><td></td></tr><tr><td>Running School Café With Focus On Nutrition</td><td></td></tr><tr><td>School Gardening Project</td><td></td></tr><tr><td>Adopting An Orphanage For conducting joyful activities</td><td></td></tr><tr><td>School Water Use Audits</td><td></td></tr><tr><td>Khelo India Program</td><td></td></tr><tr><td>Meaning And Importance Of Yoga</td><td></td></tr><tr><td>Home Water Use Audits</td><td></td></tr><tr><td>Meaning And Importance Of Physical Fitness, Wellness And Lifestyle</td><td></td></tr><tr><td>Setting Up rainwater harvesting structures</td><td></td></tr><tr><td>Leadership Qualities And Role Of a Leader</td><td></td></tr><tr><td>Project on indigenous Methods Of Water conservation</td><td></td></tr><tr><td>Safety measures To Prevent Sports Injuries</td><td></td></tr><tr><td>Metering Use of Water Saving devices/Taps And ensuring no Leakages in Plumbing Pipes etc.</td><td></td></tr><tr><td>Balanced Diet And Nutrition Macro And Micro Nutrients</td><td></td></tr><tr><td>Causes Of Disability</td><td></td></tr><tr><td>Project on awareness and Planting drought prone / native plants / trees</td><td></td></tr><tr><td>Reduce , Recycle, Reuse (most important 3R s) And Now Respect</td><td></td></tr><tr><td>Motor Development In Children</td><td></td></tr><tr><td>Yoga For Preventing Obesity</td><td></td></tr><tr><td>Postural Deformities And Their Corrective Measures</td><td></td></tr><tr><td>Project on Recycling of Water-example from RO plants, etc.</td><td></td></tr><tr><td>Motor Fitness Test / Khelo-India National Fitness Test</td><td></td></tr><tr><td>How The virus That causes COVID-19 differs from other corona viruses</td><td></td></tr><tr><td>Meaning And Importance Of Physical Fitness, Wellness And Lifestyle</td><td></td></tr></table>	HPE Project	(write about 10 to 15 pages)	Swachha Vidyalaya Swachha Bharat		Dignity Of Labour .		Empathy		Care For Homeless Children		Being Safe And Responsible First Aid		Environment Conscious Citizens As Part Of Eco Clubs		First Aid Awareness raising Demonstration		Preparation Of Family Budget And Maintenance Of Daily Household Accounts		Running School Café With Focus On Nutrition		School Gardening Project		Adopting An Orphanage For conducting joyful activities		School Water Use Audits		Khelo India Program		Meaning And Importance Of Yoga		Home Water Use Audits		Meaning And Importance Of Physical Fitness, Wellness And Lifestyle		Setting Up rainwater harvesting structures		Leadership Qualities And Role Of a Leader		Project on indigenous Methods Of Water conservation		Safety measures To Prevent Sports Injuries		Metering Use of Water Saving devices/Taps And ensuring no Leakages in Plumbing Pipes etc.		Balanced Diet And Nutrition Macro And Micro Nutrients		Causes Of Disability		Project on awareness and Planting drought prone / native plants / trees		Reduce , Recycle, Reuse (most important 3R s) And Now Respect		Motor Development In Children		Yoga For Preventing Obesity		Postural Deformities And Their Corrective Measures		Project on Recycling of Water-example from RO plants, etc.		Motor Fitness Test / Khelo-India National Fitness Test		How The virus That causes COVID-19 differs from other corona viruses		Meaning And Importance Of Physical Fitness, Wellness And Lifestyle	
HPE Project	(write about 10 to 15 pages)																																																																			
Swachha Vidyalaya Swachha Bharat																																																																				
Dignity Of Labour .																																																																				
Empathy																																																																				
Care For Homeless Children																																																																				
Being Safe And Responsible First Aid																																																																				
Environment Conscious Citizens As Part Of Eco Clubs																																																																				
First Aid Awareness raising Demonstration																																																																				
Preparation Of Family Budget And Maintenance Of Daily Household Accounts																																																																				
Running School Café With Focus On Nutrition																																																																				
School Gardening Project																																																																				
Adopting An Orphanage For conducting joyful activities																																																																				
School Water Use Audits																																																																				
Khelo India Program																																																																				
Meaning And Importance Of Yoga																																																																				
Home Water Use Audits																																																																				
Meaning And Importance Of Physical Fitness, Wellness And Lifestyle																																																																				
Setting Up rainwater harvesting structures																																																																				
Leadership Qualities And Role Of a Leader																																																																				
Project on indigenous Methods Of Water conservation																																																																				
Safety measures To Prevent Sports Injuries																																																																				
Metering Use of Water Saving devices/Taps And ensuring no Leakages in Plumbing Pipes etc.																																																																				
Balanced Diet And Nutrition Macro And Micro Nutrients																																																																				
Causes Of Disability																																																																				
Project on awareness and Planting drought prone / native plants / trees																																																																				
Reduce , Recycle, Reuse (most important 3R s) And Now Respect																																																																				
Motor Development In Children																																																																				
Yoga For Preventing Obesity																																																																				
Postural Deformities And Their Corrective Measures																																																																				
Project on Recycling of Water-example from RO plants, etc.																																																																				
Motor Fitness Test / Khelo-India National Fitness Test																																																																				
How The virus That causes COVID-19 differs from other corona viruses																																																																				
Meaning And Importance Of Physical Fitness, Wellness And Lifestyle																																																																				

	Corona virus (covid-19) Infection control and prevention measures
	Yoga for Preventing Asthma
	Motor Development In Children
	How to Protect Yourself against COVID- 19
	Reduce , Recycle, Reuse (most important 3R s) And Now Respect
	Yoga for Preventing Obesity
	Swachcha Vidyalaya Swachcha Bharat
	Dignity Of Labour .
	Empathy
	Care For Homeless Children
	Being Safe And Responsible First Aid



Principal