

PAKISTAN INTERNATIONAL SCHOOL QATAR

SESSION 2017-18

Summer Vacation Home Work (Girls' Wing / Boys Wing)

Class IX (Science Group)

Important Note: Learn all the work done in Books and Note Books. Do written practice of your learning keeping in view First Term Exam / Pre-Board Exam.

S.#	Subject	Detail of Home work
1	English	<p>1. Create a Project on Essay Writing. Following aspects should be explored:</p> <ul style="list-style-type: none"> • Definitions of the term " Essay" • Give an account of the development of Essay Writing from the beginning to date. • Structure and format of an "Essay" • Types of Essays with explanation of each type. • Importance of Essay Writing for students <p>2. Write Essays on the following Topics in 250 to 300 words:</p> <p>a. "There is a great distance between said and done." -- Puerto Rican proverb b. What can animals teach humans?</p> <p>Prior to writing the Essays, take the following steps :</p> <ul style="list-style-type: none"> • Ponder and make observations to collect some ideas on each Topic. • Search the Topics in a library or through internet. • Design Questionnaires to conduct a survey on the topics. • Also interview your parents, near and dear ones. • Jot down the key sentences and supporting arguments on each topic. • Write a rough draft of each Essay. • Use examples and illustrations • Cite data (facts, statistics, evidence, details, etc.) • Examine testimony (what other people say such as quotes and paraphrases) • Use an anecdote or story • Define terms in the Essays • Compare and contrast • Review and Edit the first drafts. • Prepare second drafts and check them for any mistake. • Write Fair Essays to be submitted. <p>Note: File all the research work in addition to the essays on the given topics.</p>
2	Urdu	<p>1- شامل نصاب اپنے کسی پسندیدہ شاعر یا مصنف کے حالاتِ زندگی پر پاور پوائنٹ پر پریزنٹیشن بنائیے۔</p> <p>2- ڈپٹی نذیر احمد دہلوی کے درج ذیل ناولز میں سے کسی ایک ناول کا مطالعہ کریں اور اس کے اخلاقی اور اصلاحی سبق کو بیان کریں۔ جواب کم از کم 1000 الفاظ پر مشتمل ہو۔ ۱- مراۃ العروس ۲- توبتہ النصوص</p> <p>(نوٹ: قواعد و انشا میں موجود تمام نخط، روداد، مکالمہ جات اور کاپی میں کروایا گیا تمام کام یاد کرنا ہے۔)</p>
3	Pakistan Studies	<p>Conduct a Survey of your native /area/village/city and collect information with reference to the following aspects:</p> <p>i-Landform ii-Weather & Climate iii-Effect of climate on life style iv-Fauna & Flora v-Exports vi-problems and their solution vii Crops, fruit & Vegetables viii-Tourist attractions ix-Monuments or Historical Places (if any)</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Design a Questionnaire to conduct a Survey • Do live photography or take pictures from internet • Submit written report in a file along with all the supporting material. <p>SOURCES TO BE USED:</p> <ul style="list-style-type: none"> ✓ Visit & Survey of your area ✓ Visit library to collect information or collect information through Net Surfing

		✓ Interview Grandparents, Parents, Relatives and friends.
4	Mathematics	<p>❖ Research work Do research on “Criterion of congruence of triangle” and prepare its presentation on PowerPoint.</p> <ul style="list-style-type: none"> ➤ Verify experimentally that in a triangle, the longer side has the greater angle opposite to it. ➤ Verify experimentally if two lines intersect then <ul style="list-style-type: none"> • The sum of all the four interior angles is 360 degree. • The sum of two adjacent angles is 180 degree. <p>❖ Visit this Link for Practice of Board exam papers(http://www.fbise.edu.pk/syllabusSSC-I.php)</p>
5	Physics	<p>Research Project:</p> <ul style="list-style-type: none"> • Generate a research project on “How kinematics or dynamics is used for our personal and societal benefit in the real world “. Choose one of the options given below: <ul style="list-style-type: none"> ➤ Option (1): Kinematics ➤ Option (2): Dynamics • Scope: Your project should be either an essay between 1000 and 1200 words or the equivalent in other non-written formats (10 minute videos or 30 slides for PowerPoint Presentation). • References: This project should have at least 5 references. • To solve all the past papers visit the link www.fbise.org.pk • Prepare practical notebook according to instruction given in the class.
6	Chemistry	<p>Task1: Draw a model of Periodic Table . Show its different groups in different colours and make lists of element present in each group. Task2: Prepare ten MCQs from each chapter (1-4) and also write their correct answers.</p>
7	Biology	<p>Tasks:</p> <ol style="list-style-type: none"> 1. Write the definitions of “Terms to know” from exercise of Ch. 4, 5 and 6 in neat copies. 2. Complete written work of Biology practicals for Grade IX in Practical Journal. 3. Research work: Create a Project on ‘Cell Division and its types’ including the following points; <ol style="list-style-type: none"> a. <i>Definitions</i> of Cell division, Mitosis and Meiosis b. <i>Differences</i> b/w Mitosis and Meiosis c. <i>Significance</i> of Mitosis d. <i>Significance</i> of Meiosis e. Problems related to <i>Errors in Mitosis</i> f. Problems related to <i>Errors in Meiosis</i>
8	Computer	<ol style="list-style-type: none"> a) Learn complete CH#1, CH#4 for Pre-board Exam. Follow these links to get out of the box information. http://cs.sru.edu/~mullins/cpsc100book/module02_introduction/module02-03_introduction.html 2-https://www.slideshare.net/shafaan/chapter-1-introduction-to-data-communication-and-networks b) Prepare 50 MCQs from each chapter and make a separate folder for this activity. c) Visit this Link for Board exam papers(http://www.fbise.edu.pk/syllabusSSC-I.php)
9	Islamiyat	<ol style="list-style-type: none"> i. The day of the “Battle of Badr” has been mentioned as “Youm-ul-Furqan”. Keeping in view this title, write a note on the “Battle of Badr” in the light of Surah Al-Anfal. ii. Write a detailed note on the importance of Zakat in the economic growth of the society.
10	Geography	Prepare a pictorial documentary about the 6 major physical land forms of Pakistan.

