

O. P. JINDAL SCHOOL, PATRATU (JH) 829 143, INDIA

Phone: 9264494490, JSPL ICM No.7405; website: <https://opjsptu.in>, e-mail: opjs.patratu@jindalsteel.com

DEEPAWALI VACATION ASSIGNMENT (CLASS- IX)

SUBJECT	HOME WORK
English	<p>TASK: BOOK REVIEW - 'WINGS OF FIRE' AUTHOR: DR. A.P.J.ABDUL KALAM (TO WRITE THE CONTENT INDEX, SYNOPSIS AND THEME OF THE BOOK'S CHAPTERS. (TO BE PREPARED IN A SCRAP BOOK) NOTE: THE BOOK IS AVAILABLE IN THE SCHOOL LIBRARY FOR STUDENTS' REFERENCE.</p>
Hindi	<p>निबंध लेखन 1. 'मेरे जीवन का आदर्श' पर 200-250 शब्दों में निबंध लिखें, जिसमें आप अपने जीवन में किसी प्रेरणादायक व्यक्ति का उल्लेख करें और उनके गुणों का वर्णन करें। पत्र लेखन आप कबीर, महादेवी वर्मा या प्रेमचंद जैसे किसी लेखक/कवि के नाम एक काल्पनिक पत्र लिखें, जिसमें आप उनकी किसी रचना पर अपनी भावनाएँ और विचार व्यक्त करें। कहानी लेखन: 'अगर मैं एक पक्षी होता' विषय पर एक काल्पनिक कहानी लिखें, जिसमें आप अपनी उड़ान के अनुभव और विभिन्न जगहों की यात्रा का वर्णन करें। चित्र रचना 1. 'बच्चे काम पर जा रहे हैं' शीर्षक कविता को एक चित्र के रूप में प्रस्तुत करें, जिसमें कि कविता में आए शब्दों, भावों तथा विचारों का प्रकटीकरण हो। व्याकरण खंड नीचे नीचे कुछ अलंकार दिए गए हैं प्रत्येक अलंकारों के 20-20 उदाहरणों की सूची तैयार करें। (अनुप्रास, यमक, श्लेष, उपमा, रूपक) विशेष: सभी लिखित सामग्री को यथा अनुरूप विषय से संबंधित चित्रों से ससज्जित करें।</p>
Maths	<p>1. MAKE A PROJECT FILE ON MID POINTS THEOREM AND ANGLE SUBTENDED THEOREM AND VERIFY BY TAKING EXAMPLE. 2. SOLVE THE FOLLOWING QUESTIONS: (1) SHOW THAT THE QUADRILATERAL FORMED BY JOINING THE MID POINTS OF THE PAIRS OF ADJACENT SIDE OF A RECTANGLE IS RHOMBUS? (2) PROVE THAT THE LINE SEGMENTS JOINING THE MIDDLE POINTS OF THE SIDES OF A TRIANGLE DIVIDE IT INTO FOUR CONGRUENT TRIANGLES. (3) IN A CIRCLE OF RADIUS 5 CM, AB AND CD ARE TWO PARALLEL CHORDS OF LENGTHS 8CM AND 6CM RESPECTIVELY. CALCULATE THE DISTANCE BETWEEN THE CHORDS IF THEY ARE (A) ON THE SAME SIDE OF CENTRE (B) ON THE OPPOSITE SIDE OF THE CENTRE. (4) IN A CIRCLE OF RADIUS 5 CM, AB AND CD ARE TWO EQUAL CHORDS SUCH THAT $AB=CD=6CM$. FIND THE LENGTH OF THE CHORD BC?</p>
Science	<p>1. LEARN AND MAKE AN ION/RADICAL CHART IN A4 SIZE CHART PAPER. 2. WHAT IS PRESSURE? DEFINE 1 PASCAL PRESSURE. 3. GIVE REASON OF THE FOLLOWING- A. A CAMEL WALKS EASILY ON THE SANDY SURFACE THAN A MAN IN SPITE OF THE FACT THAT A CAMEL IS MUCH HEAVIER THAN A MAN. B. IT IS PAINFUL TO HOLD A HEAVY BAG HAVING STRAP MADE UP OF STRONG AND THIN STRING. 4. A CUBICAL BLOCK OF MASS 2 KG WITH EACH SIDE OF 2CM IS LYING ON THE GROUND, CALCULATE THE PRESSURE EXERTED BY THE BLOCK ON THE GROUND. 5. WHAT IS BUOYANT FORCE? WRITE THE FACTORS ON WHICH IT DEPENDS?</p>

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	<p>6. A PLASTIC BOTTLE OF 500 GM HAS A VOLUME OF 450 CM³, WILL THE BOTTLE FLOAT OR SINK IN WATER. GIVEN DENSITY OF WATER IS 1GM/CM³.</p> <p>7. MAKE A PROJECT FILE ON ANY ONE OF THE TOPICS – NATURAL RESOURCES OR GLOBAL WARMING OR GREENHOUSE EFFECT (MINIMUM 6 -7 PAGES WITH FRONT PAGE HAVING YOUR DETAILS).</p>
Social Science	<p>HISTORY 1. MAKE A FLOW CHART SHOWING MAJOR INCIDENTS OF "RUSSIAN REVOLUTION".</p> <p>CIVICS MAKE A PORTFOLIO OF ALL THE PRIME MINISTER'S OF INDIA SINCE INDEPENDENCE</p> <p>GEOGRAPHY 1. IDENTIFY THE FOLLOWING WITH THE HELP OF MAP OF INDIA: - (A) THE ISLAND GROUP OF INDIA LYING IN THE ARABIAN SEA AND THE BAY OF BENGAL. (B) THE COUNTRIES CONSTITUTING THE INDIAN SUBCONTINENT. (C) THE STATE THROUGH WHICH THE TROPIC OF CANCER PASSES. (D) HIMALAYAN MOUNTAINS (E) CHILIKA LAKE (F) BRAHMAPUTRA RIVER (G) AREA RECEIVING RAINFALL OVER 400 CM (H) AREA RECEIVING LESS THAN 20 CM OF RAINFALL 2. MAKE THE FLOW CHART ON MAP OF INDIA: (A) THE PHYSICAL FEATURES OF INDIA (B) THE DIRECTION OF SOUTH WEST MONSOON WIND OVER INDIA 3. LOCATE AND LABEL OF THE FOLLOWING ON POLITICAL MAP OF INDIA: (A) CHOTANAGPUR PLATEAU (B) MALWA PLATEAU (C) THE COASTAL PLATEAU OF INDIA</p> <p>ECONOMICS 1. MAKE FRONT PAGE OF A NEWS PAPER SHOWING POVERTY TRENDS IN INDIA.</p>
Computer	<p>WRITE AND LEARN</p> <p>Q1. MAKE A LIST OF VARIOUS WORD PROCESSORS WITH THEIR ICONS AND WRITE ATLEAST TWO LINES FOR EACH WORD PROCESSOR.</p> <p>Q2. EXPLAIN FOUR TYPES OF MARGIN IN OPENOFFICE WRITER.</p> <p>Q3. WHAT ARE THE WAYS TO SELECT TEXT IN OPENOFFICE WRITER? EXPLAIN.</p> <p>PROJECT: MAKE A POSTER THAT SHOWS 'HOW ADDICTION OF SOCIAL MEDIA HAMPERS YOUR STUDIES'</p>