



St. Vivekanand Millennium School

Holiday homework

Session: 2026-27

Class: IX

| Subject | Holiday homework |
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| English | <p>*creative writing skills*</p> <ul style="list-style-type: none">•all the topics are mandatory•to be done in writing skills notebook <p>Write essay (200-250words)</p> <p>*narrative essay*</p> <ol style="list-style-type: none">1. A treasure from childhood2. An experience that changed my life <p>*descriptive essay*</p> <ol style="list-style-type: none">1. A visit to science fair/book fair/swadeshi mela2. A local festival celebration <p>*magazine article* (120-150words)</p> <ol style="list-style-type: none">1. Internet – a boon or curse2. The need for gender equality <p>*speaking*</p> <ul style="list-style-type: none">•turncoat activity on page no 17 and 18•to be prepared by every student•needs to be presented in classroom after vacations•presentation will be of 2min |
| Hindi | <ol style="list-style-type: none">1. 4 अनौपचारिक पत्र लिखिए।2. गर्मी के किसी एक तपती दोपहर की डायरी लेखन कीजिए।3. गंगा पुस्तक के पाठ 1 व 2 से मुहावरों की सूची अर्थ सहित बनाए।4. ' युवा और वृद्ध – दो पीढ़ियों के पीढ़ीगत अंतर ' पर निबंध लिखिए। |
| Maths | <p>*part a: coordinate geometry*</p> <p>Plot a figure using 15–20 points (include +, -, 0 coordinates). Include:</p> <ul style="list-style-type: none">1 polygon (≥ 5 sides)2 trianglesParallel line segments <p>*analyse:*</p> <ul style="list-style-type: none">Identify quadrant/axis/origin pointsFind symmetric points (x-axis, y-axis, origin)Identify parallel segments (justify using coordinates)Prove equal lengths without distance formulaDescribe reflection in x-axis |

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| | <p>*part b: polynomials*</p> <p>Construct 4 polynomials: One with 1 zero One with 2 distinct zeroes One with repeated zero One with no real zero Factorise (if possible) Verify zeroes Relate degree vs number of zeroes *think:*</p> <p>Can different polynomials have same zeroes? Can a polynomial have all real numbers as zeroes?</p> <p>Do given assignment on erp.</p> |
| Social studies | <p>*in file or scrapbook*</p> <p>*newspaper activity*</p> <p>A) Read any newspaper daily (like the hindu / times of india / dainikjagran). Cut or write 1 important news national & international article each day. 1 title of the news 2 what happened? (summary in 5–6 lines) 3 causes of the issue 4 impact on society 5 your opinion (what should be done?)</p> <p>B) Make a colorful *chart or* *poster* on fundamental rights and duties</p> <p>C) *data collection activity*</p> <p>Collect information from your family and neighbours (5-7) regarding their (cultural, festival , language, food items, traditional dress up etc) make a list of this and at the end make a report “ how social science promotes diversity in society.”</p> <p>D)“my sustainable lifestyle diary” For 7 days record: * water saved * electricity saved * waste reduced * public transport used</p> <p>Connect it with: * geography (resources) * economics (development) * civics (responsible citizen)</p> <p>E) on the political map of india locate and label: I) Physical features of india II) States and it’s capital</p> |
| Science | <p>Create a *project file* by using products at home (e.g., shampoo, salt, milk, steel , other material objects etc) and classify them as homogeneous mixtures, heterogeneous mixtures, or pure substances.</p> <p>--prepare a colorful poster on the chapter - cell and their organelles (any one organelle/ differences etc</p> <p>**“kitchen chemistry” investigation project*</p> <p>Explore science through food</p> <p>*activities:*</p> <p>Do the activities like</p> |

Dissolving sugar and water, salt and water,

Oil + water separation

Heating milk and many more.

record:

Observation table

Type of mixture

Change (physical/chemical).

Methods to separate those mixture/compound.

(note: at least 10)

Use a4 sheets for file.

- distance-time graph: track a vehicle's trip (e.g., family car ride) to analyze uniform and non-uniform motion.

- solve the assignments/ sample papers shared with you through erp