

**WINTER HOLIDAY HOMEWORK
CLASS IX**

Last date for submission of Art Integrated Activity in Google Classroom as already detailed by subject teachers is 7th January , 2021

**CREATIVE
WRITING
HINDI &
ENGLISH**

"दिए गए शीर्षकों पर कम से कम पाँच रचनात्मक लेखन करें -

1. किसान आंदोलन 2. कोविड का बदलता स्वरूप 3. काश ! मैं स्कूल जा पाता 4. ऑनलाइन कक्षाओं/ त्योहार/ पार्टी(किसी एक के बारे में) मेरा अनुभव

1) नारा लेखन 2) विज्ञापन लेखन 3) स्वरचित कविता 4 कहानी /लघु कथा 5 सूचना /रिपोर्ट लेखन 6 अनुच्छेद/संवाद लेखन **English:-**

Write a paragraph in 100-120 words on any two of the following topics:-Experience of Online Classes, Time & Tide wait for none, Should Plastic be used, Was 2020 a horrific or fruitful year.

**INTEGRATED PROJECT :COMPARATIVE STUDY OF
INDIA AND ISRAEL'S R & D(research and development)**

ENGLISH

1. Imagine that you got an opportunity to visit Israel in a Student exchange programme in order to connect to the students and sustain the pipeline of future collaboration. You were given a project to study the Research and Development of Israel and then compare it with India. Write an article for the school magazine on the comparative study in about 200-250 words.

HINDI

भारत एवं इजरायल के बीच निम्नलिखित बिंदुओं को ध्यान में रखते हुए एक तुलनात्मक रिपोर्ट लिखिए |

1) कृषि व्यापार 2) औद्योगिक क्षेत्र 3) नवीकरणीय ऊर्जा 4) स्वास्थ्य सुविधाएं 5) स्टार्टअप

MATH

Tabulate the percentage of G.D.P. spent on R&D by Israel and India for 5 years (2014 to 2018) and graphically present the data through Bar Graphs. Also find

• Year in which highest and lowest expenditure was done by both the countries.

Show sector wise distribution of R&D expenditure of the year in which the country has spent the most through pie charts. Submit the given project in pdf in the classroom.

SCIENCE	<p>More than half of the land area of Israel is desert, the climate and lack of water resources do not favour farming. Only 20% of the land area is naturally arable.</p> <p>Israeli agricultural production rose 26% between 1999 and 2009, while Farmers have also grown more crops using 12% less water to grow 26% more produce.</p> <p>Research on Indo- Israel agricultural project to compare the agricultural practices followed in both the countries and make ppt on the following topics:</p> <p>1. How Israel is bringing advanced scientific technologies in agriculture to contribute to their national growth as compared to India? (Roll no: 1 to 20)</p> <p>2. Israel has made advances in biological pest control and also exports beneficial insects to India. How is this benefiting the sustainable development of Indian agriculture? (Roll no. 21 onwards)</p> <p>PPT should contain a maximum of 5 slides & to be done as per the mentioned roll numbers.</p>
SOCIAL STUDIES	<p>Prepare a research based ppt comparing India's R&D with Israel showcasing historical, political and economic reasons responsible for Israel's present growth in R&D. Compare using these parameters- political setup, demography, availability of natural resources along with human resource and technological development.</p>
SANSKRIT	<p>शैक्षिक अनुसंधान - दृष्ट्या भारत - इजरायलयोः अर्थव्यवस्थायाः प्रविधिव्यवस्थायाः आधारे प्रश्नोत्तर - मञ्चस्य निर्माणं कुरुत। (शैक्षिक अनुसंधान की दृष्टि से भारत और इजरायल की अर्थ व्यवस्था और तकनीकी व्यवस्था को आधार बनाकर " प्रश्नोत्तर मञ्च " का निर्माण करें।)</p>