



LAKSHYA UNIVERSAL ACADEMY

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SUMMER HOLIDAY HOMEWORK

Project Work

Class 9th

ENGLISH

1. Art-Integrated project on - 'Rivers of Uttarakhand '

Note : Mention

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2. Write all the poetic devices that are used in English poetry with examples.

HINDI

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1- लेखक प्रेमचंद के बारे में जानकारी प्राप्त करिए, उनके लेखन की विशेषताएं, उनकी रचनाएं और उनके बारे में लिखिए साथ ही यह भी बताइए कि हिंदी के इतने प्रसिद्ध लेखक क्यों हैं।

2- स्वरचित एक कविता सचित्र लिखिए।

3- डॉक्टर और मरीज के बीच का संवाद लेखन लिखिए।

4- भारतेंदु युग और द्विवेदी युग के लेखकों के नाम उनके जन्म मृत्यु उनकी रचनाएं सुंदर ढंग से लिखिए।

5- उत्तराखंड के बारे में जानकारी हासिल करिए, जैसे वहां का रहन सहन वहां की भाषा, मुख्य भोजन लोगों का व्यवसाय, प्रमुख पर्यटक स्थल, पहनावा, राज्य का प्रमुख पुष्प, पक्षी, नृत्य, लोक नृत्य इत्यादि का चित्र सहित व्याख्या करें।

नोट -समस्त कार्य एक प्रोजेक्ट फाइल में तैयार करिए।

कारी रचनात्मक एवं कलात्मक ढंग से किया जाना चाहिए।

MATHEMATICS

Prepare a project file on the given activities:

Activity 1 – Construct a Square Root Spiral

Activity 2 – Represent Some Irrational Numbers on the Number Line

Activity 3 – Verify the Algebraic Identity $(a+b)^2 = a^2 + 2ab+b^2$

Activity 4 – Verify the Algebraic Identity $(a-b)^2 = a^2- 2ab+b^2$

Activity 5- Verify the Algebraic Identity $a^2 - b^2 = (a+b) (a-b)$

Activity 6 – Verify the Algebraic Identity $(a+b+c)^2 = a^2+b^2+c^2+2ab+2bc+2ca$

Activity 7 – Verify the Algebraic Identity $(a+b)^3 = a^3+b^3+ 3a^2b + 3ab^2$

Activity 8 – Verify the Algebraic Identity $(a - b)^3 = a^3 - b^3 - 3ab (a - b)$

Activity 9 – Verify the Algebraic Identity $a^3+b^3 = (a+b) (a^2-ab+b^2)$

Activity 10 – Verify the Algebraic Identity $a^3-b^3 = (a-b) (a^2+ab+b^2)$

Activity 11 – Verify that if Two Lines Intersect each Other

Activity 12 – Verify that the Sum of the Angles of a Triangle is 180°

SCIENCE

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CHEMISTRY

1. Make a Pictionary of 50 new words related to chemistry from the chapters of NCERT and also paste pictures related to the topic.

2. Draw a 3D chart of A3 size on any one of the topic –

Fractional distillation, chromatography, sublimation, evaporation, inter conversion of states of matter.

BIOLOGY

1. Revision of the Chapter-5-The Fundamental Unit of Life.

2. Draw diagrams of all the cell organelles on A-4 size sheet and write the name of the scientist who discovered it.

3. Activity: Consider a cell like your school. Each part of the cell (school) has responsibilities that must be done and certain organelles (people) to do them. Identify the functions of the following parts of the cell then identify which person does the same job

SOCIAL SCIENCE

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1. Make a beautiful project file on 'Disaster Management '. On a Practical file only.
2. Do all the map activity All the states and capital of India and of Ch-1, Ch-2, Ch-3 , Ch-4 , Ch-5 of Geography on political map of India.
3. Write the 1 page summary of All the chapters which have been done in class. (Ch-1 of Eco, Civics, Geography, History and Ch-5 of History in your words).
4. Revise all the chapters, and underline the difficult topics for discussion in class.
5. Write a note 'how you will prepare for Social Science subject for Final examination' or Write how can we prepare in exam for most difficult subject.

Note:- Activity 2, 4 and 5 you will do in separate folder file.

Computer

Quiz Link will be shared in the WhatsApp Group.