

Subject Enrichment activity class IX. 2020-2021

Sl.no	Subject	ACTIVITY
1	English (Any three)	<ol style="list-style-type: none"> 1. Writeup on "The role of Social Media". 2. Make a booklet on 5 Famous musicians. Stick their picture and the instrument used. Write a paragraph about their achievements. 3. Design a story on "Helping hands" with moral and illustrations. 4. Make a poster on the topic "School now and in future".
2	Hindi (Any three)	<ol style="list-style-type: none"> 1. रहीम द्वारा रचित किसी भी पाँच दोहों का भाव स्पष्ट कीजिए। 2. आगे बढ़ती भारतीय महिलाओं के बारे में जानकारी (चित्र सहित) प्राप्त करके लिखिए। (क) पी. टी. उषा (ख) आरती साहा 3. दिए गए विषय पर संकेत बिंदुओं के आधार पर 80 - 100 शब्दों में अनुच्छेद लिखिए। "पशु - पक्षी और हम" संकेत बिंदु- * पशु - पक्षियों का महत्व *हमारे मित्र * मित्रता पूर्ण व्यवहार* उनके प्रति हमारा दायित्व 4. दिए गए बिषयों पर दो - दो स्लोगन लिखिए। i) समय का सदुपयोग ii) विश्व हिंदी दिवस
3	Math (Any three)	<ol style="list-style-type: none"> 1. Do activity 2 - Page 7 (up to $\sqrt{9}$) 2. Do activity 3 – Page 12 3. Do activity 4 – Page 18 4. Do activity 9 – Page 40
4	Biology (Any two)	<ol style="list-style-type: none"> 1. Find out about electron microscopes from resources in the school library or through the internet. Note it down. Act 5.5, pg. 61. 2. Take four peeled potato halves and scoop each one out to make potato cups. One of these potato cups should be made from a boiled potato. Put each potato cup in a trough containing water. Now, (a) Keep cup A empty (b) Put one teaspoon sugar in cup B (c) Put one teaspoon salt in cup C (d) Put one teaspoon sugar in the boiled potato cup D. Keep these for two hours. Then observe the four potato cups and answer the following: (i) Explain why water gathers in the hollowed portion of B and C. (ii) Why is potato A necessary for this experiment? (iii) Explain why water does not gather in the hollowed-out portions of A and D. 3. Collect information about the different type of cell division with diagram and note in NB.

5	Physics (Any two)	<ol style="list-style-type: none"> 1. Explain how velocity is used in everyday life with examples. 2. Make a project "Acceleration in everyday life". 3. List out and write any 5 practical real-life examples of force/ velocity in graph and explain.
6	Chemistry (Any two)	<ol style="list-style-type: none"> 1. Take a 100 ml beaker. • Fill half the beaker with water and mark the level of water. • Dissolve some salt/ sugar with the help of a glass rod. • Observe any change in water level. • What do you think has happened to the salt? • Where does it disappear? • Does the level of water change? Act 1.1, pg. 1. 2. Collect the following articles— a pen, a book, a needle and a piece of wooden stick. • Sketch the shape of the above articles in your notebook by moving a pencil around them. • Do all these have a definite shape, distinct boundaries and a fixed volume? • What happens if they are hammered, pulled or dropped? • Are these capable of diffusing into each other? • Try compressing them by applying force. Are you able to compress them? Act 1.9, pg4. 3. Take 5 ml of water in a test tube and keep it near a window or under a fan. • Take 5 ml of water in an open china dish and keep it near a window or under a fan. • Take 5 ml of water in an open china dish and keep it inside a cupboard or on a shelf in your class. • Record the room temperature. • Record the time or days taken for the evaporation process in the above cases. • Repeat the above three steps of activity on a rainy day and record your observations. • What do you infer about the effect of temperature, surface area and wind velocity (speed) on evaporation? Act 1.14, pg9.

7	Social (Any three)	<ol style="list-style-type: none"> 1. Collect information about the longitudinal and latitudinal extent of any 10 states of India and write in NB. 2. Choose any two women from the field of politics, philosophers, revolutionaries, social workers or medicine and document their lives, writings and contribution towards their field. 3. Make a PPT on how village Palampur is becoming more developed. 4. Design a poster on the French Revolution asking people to come and join it wholeheartedly.
8	IT (Any three)	<ol style="list-style-type: none"> 1. Develop an article on the famous IT personality Jan Koum and Brian Acton focusing on their achievements. 2. Design a PPT presentation on "Methods of Communication". 3. Prepare a writeup on "Communication barriers- focusing on steps to overcome it". 4. Design a poster depicting the confidence level that led to the famous business venture- Ola/ Uber.
9	Banking (Any three)	<ol style="list-style-type: none"> 1. Design a catalogue about the various types of banking and their uses in India. 2. Write about the various functions of RBI. 3. Make a flow chart about the various relationships' banks have with their customers. 4. Design a PPT defining the Banking Sector, what are the functions of Bank and also show the classification of Bank.