



*Every child is a different kind of flower.
All together they make this world a beautiful garden.
So, Nurture them and care for them.*

Dear Parents

Kindly note that summer vacations for your ward will be 11 June to 2 July 2023. School will reopen on 3 July 2023 at usual time. We are sharing with you few parenting tips which will help your ward to be civilized and achieve their goals in coming time.

PARENTING TIPS

1. **Respect your child.**
2. **Show unconditional Love.**
3. **Adapt and adjust with time.**
4. **Motivate and appreciate.**
5. **Avoid harsh Behaviour.**
6. **Set routine for your child.**
7. **Be steady with your child.**
8. **Develop healthy dietary habits.**
9. **Cultivate your child's Independence.**



10. **Don't compare your child.**
11. **Be a friend to your child.**
12. **Spend quality time with your child.**
13. **Stay connected to school.**
14. **Talk good about school & teachers.**
15. **Use refined language with your child.**
16. **Monitor your child and behavioural aspect.**
17. **Create a disciplined & positive environment at home.**
18. **Encourage your child.**



Hoping for Your Positive Response and Cooperation.

Regards
Principal

M.R.CITI SENIOR SECONDARY PUBLIC SCHOOL BALACHAUR
Summer Break - Assignment Session : 2023-2024
CLASS:XII (Science)

S. No	Subject	Assignment Work	Teacher name
01	Chemistry	A) Complete Practical File with following experiments:- (i) Surface Chemistry (ii) Chemical Kinetics (iii) Chromatography (iv) Organic Preparations (v) Inorganic Preparations (vi) Volumetric Analysis (vii) Salt Analysis B) Complete the assigned Investigatory project C) Revise NCERT exercise of Ch - Electro chemistry and Chemical Kinetics	Ms Reetu Chaudhary Ms Diksha Chaudhary
02	Physics	Complete practical file Experiment no 1 to 8 (4 from Section A and 4 from Section B) Do activities 1 to 6 from lab manual Solve ncert problems of unit 1 and unit 2	Ms Palvi Ms Kavita Kushan

03	Mathematics	<ul style="list-style-type: none"> ● Do assignment from Ch. 03 matrices , Ch 04 Determinants Ch 02 Inverse trigonometric functions & Ch.1 Relations & functions(Do these assignments in a loose sheets) ● Do these in Maths practical file <ol style="list-style-type: none"> 1.To demonstrate a function which is not one-one but is onto. 2. To demonstrate a function which is one-one but not onto. 3. To verify that the relation R in the set L of all lines in a plane, defined by $R = \{(l, m) : l \perp m\}$ is symmetric but neither reflexive nor transitive 4. Draw the graph of inverse trigonometric functions. <p>Project(Choose any one) : 1. Project on history of Mathematicians: It may include history of Indian mathematicians such as Aryabhata, Brahmgupta, Varahamihir, Sridhara, Bhaskaracharya, Ramanujan etc., and history of foreign mathematicians such as Cantor, Pythagoras, Thales, Euclid, Appollonius, Descartes, Fermat, Leibnitz, Euler, Fibonacci, Gauss, Newton, etc.</p> <p>02. On linear Programming problems related to day-to-day life like collecting data from families of their expenditures and requirements from the factories to maximum out put.</p> <p>03. Collect data from dieticians, transporters, agents and formulate linear programming problems</p> <p>04. How we use decoding using Matrices and determination in confidential discussion/ messages.</p>	Mr Mukesh Kumar
04	Physical education	<p>Read these chapters carefully:-</p> <ul style="list-style-type: none"> *Chapter 01 Management of sporting events. *Chapter 02 Children and women in sports. *Chapter 03 Yoga as Preventive Measure For Lifestyle Disease *Learn & Revise long answer type questions and all mcqs. *Solve Question Papers of May Test. *Students need to start working on the Physical Education Practical file. *Choose a Game of your choice and Write its history, rules and fundamental skills & Draw a diagram of ground. *write a history of athletics & four event's two track events and two fields events from SP publication practical file. Please be neat in your presentation and don't forget to underline important Headings and Topics. This File will be evaluated for your board exam. *Life skills:- Prepare a beautiful Charts related to Good Habits Yoga asanas and Balance Diet. *Do physical activities, yoga asanas, pranayam, meditation and ☐ sun salutations daily. 	Mr. Raman Deep

05	BIOLOGY	<p>Complete practical file</p> <p>Experiment no. 1 to 10 Prepare a temporary mount to observe pollen germination.</p> <ol style="list-style-type: none">2. Study the plant population density by quadrat method.3. Study the plant population frequency by quadrat method.4. Prepare a temporary mount of onion root tip to study mitosis.5. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc.6. Flowers adapted to pollination by different agencies (wind, insects, birds).7. Pollen germination on stigma through a permanent slide or scanning electron micrograph.8. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).9. Meiosis in onion bud cell or grasshopper testis through permanent slides.10. T.S. of blastula through permanent slides (Mammalian). <p>B. Prepare project report on the assigned topic. C. Revise covered chapters (Practical File -JBD Publishers)</p>	Mr Inderjit
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5	English	<p>Complete ALS project Files with creative and colourful pages Link is shared below</p> <p>https://leverageedu.com/blog/asl-topics/ (topics)</p> <p>(https://youtu.be/1ciAB38k830) ASL pattern</p> <ul style="list-style-type: none"> ● Open link and do any ten topics with at least 100-150 words ● 20 marks will be given for (ALS/ ASL) ● During your summer break try to focus on communication skills and help your parents In Domestic task. ● *Do revision of completed chapters. 	<p>Ms Gurpreet Sekhon, Mr C L Gautam</p>
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Instructions:

- *Kindly note all assignments must be done in your separate notebooks or as shared by the subject teachers*
- *Completion of assignments/Practical's files is compulsory within a given time .*
- *Any queries & doubts can be discussed .*
- *The Holiday work must be done in a very neat and presentable manner. Questions must be done in the given sequence.*
- *The child will be assessed for the Handwriting, presentation, neatness, completion of all the given questions, indexing of the work.*
- *Subject teachers have further imparted specific Instructions for their subjects. Before attempting the question, you must read them thoroughly.*

Good Luck !

Regards