



YUGANTAR PUBLIC SCHOOL

Summer Vacation Assignment (2024-25)

Class :IX

Subject	Syllabus
1. English	<ol style="list-style-type: none">1. Make a portfolio<ul style="list-style-type: none">• Introduction• Paste your photograph• My Strength• I need to improve on----• My achievements• My hobbies• My ambition• I have participated in----• The books I have read----• The books I wish to read----- <p>Note: Make your portfolio colorful and attractive. Each topic should be written in separate sheets. Use sketch pens for headings and coloured pens for content. Use A4 size coloured /designer paper .</p> <ol style="list-style-type: none">2. Make a comic strip of the lesson “ Adventures of Toto ” in your notebook. <p>Note : It should be colourful and attractive.</p>
2. Hindi	तिब्बत देश की भाषा, रहन-सहन, संस्कृति का उल्लेख करते हुए एक प्रोजेक्ट फाइल तैयार कीजिए। अथवा किसी एक ग्रामीण परिवेश की कहानी का सचित्र वर्णन करते हुए प्रोजेक्ट फाइल बनाइए।
3. Sanskrit	दृश् , अस्, कृ धातुरूप पञ्च लकारेषु लिखत स्मरत च। अकारांत पुल्लिंग बालक , आकारांत स्त्रीलिंग सीता , अकारांत नपुंसक लिंग चित्र शब्द रूप लिखत स्मरत च।
4. Maths	Rationalise the following: (i) $\frac{1}{3+\sqrt{2}}$ (ii) $\frac{1}{\sqrt{6}-\sqrt{5}}$ (iii) $\frac{16}{\sqrt{41}-5}$ (iv) $\frac{30}{5\sqrt{3}-3\sqrt{5}}$ (v) $\frac{1}{2\sqrt{5}-\sqrt{3}}$ (vi) $\frac{\sqrt{3}+1}{2\sqrt{2}-\sqrt{3}}$ (vii) $\frac{6-4\sqrt{2}}{6+4\sqrt{2}}$ (viii) $\frac{3\sqrt{2}+1}{2\sqrt{5}-3}$ (ix) $\frac{5+2\sqrt{3}}{7+4\sqrt{3}}$ (x) $\frac{1+\sqrt{2}}{3-2\sqrt{2}}$
5. Science	PROJECT WORK: Write in brief about any one Indian scientist and his/her contribution towards the world of science. BIOLOGY: Make a colourful chart on any one of the following topics- a) Plant cell b) Animal cell c) Various cells of human body d) Onion peel cells and bacterial cell (Prokaryotic cell) CHEMISTRY: 1) Learn and write the name, symbols and valency of first 20 elements. (Ref. Chapter 3)

	2)Learn question answers of ch.1. PHYSICS: Solve the worksheet which is given into the class group.
6.SSc :	Make a handwritten Project on DISASTER MANAGEMENT.

Class Teachers

Principal