

SYLLABUS FOR CLASS-12th



*Quality is never an accident,
It is always the result of high intension,
Sincere effort, intelligent direction and skillful
execution,
It presents the wise choice of many
alternatives.*

LOTUS INT'L CONVENT SCHOOL

School with Global Exposure....

RAKKAR AT SADWAN

Class-12TH

List of Special Assembly 2023-2024

Months	Date/Day	Occasion
January	9th	Parvasi Bharatiya Divas
	10th	World Hindi Day
	11th	Death Anniversary of Lal Bahadur Shastri
	12th	National Youth Day
	13th	Lohri
	14th	Makar Sakranti
February	15th	Indian Army Day
	1st	Indian Coast Guard Day
	4th	World Cancer Day
	13th	World Radio Day, Sarojani Naidu Birth Anniversary
March	28th	National Science Day
	8th	International Women's Day
	22nd	World day of Water
April	23th	Martyr'I Day
	4th	Mahavir Jayanti
	7th	World Health Day
	13th	Jallian Wallah Bagh Masscare Day
	14th	B.R. Ambedkar Rememberance Day
	22nd	World Earth Day
May	24th	National Panchayati Raj Day
	1st	Internatioal Labour Day
	7th	Rabindernath Tagore Jayanti
	8th	World Red Cross Day
	14th	Mother's Day
June	31st	Anti-Tobacco Day
	5th	World Environment Day
	18th	Father's Day
	21st	International Yoga Day
July	1st	Doctor's Day
	11th	World Population Day
	26th	Kargil Victory Day
August	6th	Hiroshima Day
	9th	August Kranti Din, Nagasaki Day
	12th	International Youth Day
	15th	Independence Day in India
	29th	National Sports Day
	30th	Raksha Bandhan
September	5th	Teacher's Day
	8th	International Literacy Day
	14th	Hindi Diwas
	16th	World Ozone Day
October	2nd	Gandhi jayanti

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	5th	World Teacher's Day
	8th	Indian Air Force Day
	11th	International Girl Child Day
	15th	World Students Day
November	31th	Ekta Diwas (National Unity Day)
	7th	National Cancer Awareness Day
	8th	Guru Nanak Dev's Birth Anniversary
	11	National Education Day
December	14th	Children's Day
	1st	World Aids Day
	4th	Indian Navy Day
	6th	B.R. Ambedkar Death Anniversary
	7th	Armed Forces Flag Day
	10th	Human Rights Day
	16th	Vijay Diwas
	22th	National Mathematics Day
	23rd	Kisan Divas

List of Holidays of 2023-24

Months	Date/Day	Occasion
April	7th	Good Friday
	14th	Dr. B.R. Ambedkar Birthday
	15th	Himachal Day
	22th	Parshu Ram Jayanti/Eid-ul-Fitr
May	5th	Budh Purnima
	22th	Maharana Pratap Jayanti
June	29th	Id-UI-Zuha
July	29th	Muharram
August	15th	Independence Day
	30th	Raksha Bandhan
September	7th	Janamshtami
October	2nd	Mahatma Gandhi Birthday
	24th	Dussehra
	28th	Maharishi Valmiki Birthday
November	1st	Karva Chauth
	12th	Diwali
	15th	Bhai Duj
December	25th	Christmas Day
January	25th	Statehood Day
	26th	Republic Day
February	24th	Guru Ravidas Jayanti
March	8th	Maha Shivratri
	25th	Holi
	29th	Good Friday

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PRINCIPAL'S MESSAGE

The great Nelson Mandela once said, "Education is the most powerful weapon which you can use to change the world."

I have immense pleasure in welcoming you to Lotus International Convent School, a highly progressive and enterprising school pledged to provide quality education with great emphasis on traditional values.

Besides academic excellence, the school is committed to inculcating in all its students, strong ethical values of integrity, politeness, kindness and respect for elders. I firmly believe that education should foster confidence, discipline, clarity in thought and decision-making ability to set and achieve goals, and above all social responsibility as a life long process.

Lotus International Convent School takes pride in providing a caring atmosphere to all its students just apt for the young minds to be nurtured. Its aims to develop scholarly students with great self-discipline, intense perseverance and zeal to excel which are the qualities required to meet the challenges of the modern society. The school seeks your most co-operation and support at all times to achieve the high standards set.

We always believe in standing by our belief and never testing on our laurels, because we seek to enhance upon what we have already achieved. We are proud of the heights we have achieved. But there are loftier peaks to scale day by day, year by year. In the end, I will pray to the almighty to shower his blessing to all concerned.

Principal
Mr. Pankaj Sharma
M.Sc. (Physics) M.Phil. B.Ed.

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RECOMMENDATIONS TO PARTENTS/GUARDIANS

- * Check the Uniform, Punctuality and haircut of your ward in the morning.
- * Nails should be trimmed at regular interval, two long plaited with ribbon for girls, shoes should be polished & uniform should be ironed properly.
- * See that our scholar carries books/exercise books according to the Time Table for that day.
- * See that he/she is prepared, supervise your ward's homework & daily lessons for various tests. Also see his/her Assessment Record and Teacher's remarks in his/her class work/home work. Exercise books and school's Diary.
- * Encourage our scholar to take a balanced interest in studies, sports and co-curricular activities.
- * Restrict daily pocket money. **Extra spending** should be discouraged
- * Plan further education of our scholars beyond the school level well in time, so that they are eligible to compare for the maximum number of institutions of higher education.
- * Scholars should not bring crackers, colour powder, transistors mobiles etc. to the school, Bursting of crackers and playing with colour powder is liable to lead to expulsion of scholar's from the school.
- * No scholar will be allowed to go home without the written permission of Principal.
- * If your ward is absent from school, he must make up for all the work missed by him.
- * If Parents want to change the bus route of their wards, a written request must be submitted to Principal in advance.

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SATURDAY ACTIVITIES

(Class 6th to 12th)

Month	Activity
April	Display Board (Earth Day)
May	Collage Making (Tabacco Day) Hand Writing Comp.
June	Best from Waste Debate, Essay Writing (Father's Day)
August	Rakhi making
October	G.K. Quiz, Cartoon Drawing
November	Science Quiz, Rangoli, Mehandi, Diya Decoration, Children's day Celebration
December	Maths Quiz, Christmas Day celebration, Declamation

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LOTUS INTERNATIONAL CONVENT SR. SEC. SCHOOL

SESSION 2023-24

SYLLABUS FOR CLASS 10+2

ENGLISH

April:-

Lit:- The Last Lesson (R), The Third Level (S/R)

Grammar:- Notices, Reading Comprehension

May:-

Lit:- Lost Spring (R), The Tiger King (S/R)

Poem :- My Mother at Sixty Six

Grammar:- Formal and In-formal Letters

June:-

Lit:- Deep water (R), Journey to the end of the Earth (S/R)

Grammar:- Posters, Advertisements

July:- Unit Test - I + Vacations

August:-Vacations

Lit:- The Rathrap (R) The Enemy (S/R)

Grammar:- Article Writing

September:-Revision of Term - I Syllabus & Exams

October:-

Lit:- Indigo (R), Should wizard Hit Mommy (S/R)
Poet & pancakes (R), On the face of it (S/R)

Poem:- Keeping quiet

Grammar:- Spech Writing

November:-

Lit:- The Interview (R), Evans tries an-o-level (S/R)

Poem:- A thing of beauty, A Roadside stand

Grammar:- Formal & Informal Invitation

Unit Test - II

December:-

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Lit:- Going places (R), Memories of childhood (S/R)

Poem:- Aunt Jennifer's Tiger

Grammar:- Debate writing & Report writing

January:-

Lit:- Memories of childhood-II (S/R)

Revision of Bravia + Pre board

February:-

Revision of Term - II Syllabus

March:-

Examination of Term - II

PHYSICS

April:-

Unit - 1 Electric charges and field

Unit - 2 Electric Potential and capacitance

May:-

Unit - 3 Current Electricity

Unit - 4 Magnetic effects of Electric current
(Moving Charges)

June:-

Unit - 5 Magnetism

Unit - 8 Em Waves

Unit - 9 Ray Optics

Revision of Unit Test - I

July:-Unit Test - I + Vacations

August:-Vacations

September:-Revision of Term - I Syllabus & Exams

Unit - 10 Wave Optics

Unit - 6 EMI

October:-

Unit - 7 Alternating Current

Unit - 11 Dual Nature of Matter & Radiation

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November:-

Unit - 12	Atoms
Unit - 13	Nuclei
Unit - 14	Semiconductor

Unit Test - II**December:-Revision of Syllabus****January:-Revision of Syllabus****February:-Revision of Term - II Syllabus****March:- Examination of Term - II****MATHS****April:-**

Ch - 1	Differentiation (Continuity and Differentiability)
Ch - 2	Relations and Functions

May:-

Ch - 3	Matrices
Ch - 4	Determinants
Ch - 5	Inverse Trigonometric functions

June:-

Ch - 5	Application of Derivatives
Ch - 7	Integrations

July:- Unit Test - I + Vacations**August:-Vacations**

Ch - 7	Integrations (Cont.)
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September:-Revision of Term - I Syllabus & Exams**October:-**

Ch - 8	Application of Integrals
Ch - 9	Differential Equations
Ch - 10	Vector Algebra

November:-

Ch - 7	Three Dimensional Geometry
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Unit Test - II**Class-12TH****December:-**

Ch - 12	Linear Programming
Ch - 13	Probability

January:-

Revision

February:-

Revision of Term - II Syllabus

March:-**Examination of Term - II****CHEMISTRY****April:-**

Unit - 1	Solution
Unit - 2	D-Block Elements

May:-

Unit - 3	Haloalkane and Haloarenes
Unit - 4	Coordination compound

June:-

Unit - 5	Alcohol Phenol ether
Unit - 6	Amines

July:-Unit Test - I + Vacations**August:-Vacations****September:-Revision of Term - I Syllabus & Exams****October:-**

Unit - 7	Aldehyde, Ketone, Carboxylic acid
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November:-

Unit - 8	Chemical Kinetics
Unit - 9	Electro Chemistry

Unit Test - II**December:-**

Unit - 10	Biomolecules
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January:-

Revision

February:-**Revision of Term - II Syllabus****March:-****Examination of Term - II****Class-12TH**

PHYSICAL EDUCATION

April:-

Management of sporting Events, Children and Women in sports

May:-

Yoga and preventive measure for life style Disease Physical Education and sports for CWSN

June:-

Sports and Nutrition

July:-

Unit Test - I + Vacations

August:-

Vacations

Test, Measurements in Sports

September:-Revision of Term - I Syllabus & Exams

Physiology and Injuries in sports

October:-

Biomechanics and sports

Psychology and Sports

November:-

Training in Sports

Unit Test - II

December:-

Revision

January:-

Revision

February:-

Revision of Term - II Syllabus

March:-

Examination of Term - II

BIOLOGY

April:-

L-1 Sexual reproduction in flowering plants

L-2 Human Reproduction

May:-

L-3 Reproductive Health

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L-4 Principles of Inheritance and Variation

L-5 Molecular Basis of Inheritance

June:-

L-6 Evolution

L-7 Human health & Disease

July:-

Unit Test - I + Vacations

August:-

Vacations

L-8 Microbes in Human Welfare

September:-Revision of Term - I Syllabus & Exams

October:-

L-9 Biotechnology : Principles & Processes

L-10 Biotechnology & its applications

November:-

L-11 Organisms and Populations

L-12 Ecosystem

Unit Test - II

December:-

L-13 Biodiversity & Conservation

January:-

Revision

February:-

Revision of Term - II Syllabus

March:-

Examination of Term - II

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DATE SHEET OF QUARTER-1 CLASS IST TO 12TH

Date	Day	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
05 July	Wed.	RC	RC	RC	Maths	Sci.	Eng.	RC	RC	RC	RC
06 July	Thu.	Math	S.St.	Eng.	Skt.	S.St.	Hindi	Sci.	Maths	Phy.	Maths/Bio
07 July	Fri.	English	Sci.	S.St.	Eng.	Skt.	S.St.	Eng.	Hindi	Eng.	Chem.
08 July	Sat.	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday
09 July	Sun.	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday
10 July	Mon.	Hindi	Math	Sci.	S.St.	Eng.	Maths	S.St.	Sci.	Math/Bio	Phy.
11 July	Tue.	S.St.	Eng.	Hindi	Sci.	Hindi	Skt.	Maths	S.St.	Phy. Ed.	Eng.
12 July	Wed.	Sci.	Hindi	Math	Hindi	Maths	Sc.	Hindi	Eng.	Chem.	Phy. Ed.

DATE SHEET OF TERM-I CLASS IST TO 12TH

Date	Day	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
14 Sept.	Thu.	RC	RC	RC	Maths	Sci.	Eng.	RC	RC	RC	RC
15 Sept.	Fri.	-	-	-	-	-	-	-	-	-	-
16 Sept.	Sat.	Maths	S.St.	Eng.	Skt.	S.St.	Hindi	Sci.	Maths	Phy.	Maths/Bio.
17 Sept.	Sun.	-	-	-	-	-	-	-	-	-	-
18 Sept.	Mon.	Eng.	Sci.	S.St.	Eng.	Skt.	S.St.	Eng.	Hindi	Eng.	Chem.
19 Sept.	Tue.	-	-	-	-	-	-	-	-	-	-
20 Sept.	Wed.	-	-	-	-	-	-	-	-	-	-
21 Sept.	Thu.	Hindi	Maths	Sci.	S.St.	Eng.	Maths	S.St.	Sci	Math/Bio	Phy.
22 Sept.	Fri.	-	-	-	-	-	-	-	-	-	-
23 Sept.	Sat.	S.St.	Eng.	Hindi	Sci.	Hindi	Skt.	Maths	S.St.	Phy. Edu.	Eng.
24 Sept.	Sun.	-	-	-	-	-	-	-	-	-	-
25 Sept.	Mon.	Sci	Hindi	Maths	Hindi	Maths	Sci.	Hindi	Eng.	Chem.	Phy. Edu.

DATE SHEET OF QUARTER-II CLASS IST TO 12TH

Date	Day	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
2 Nov.	Thu.	RC	RC	RC	Maths	Sci.	Eng.	RC	RC	RC	RC
3 Nov.	Fri.	Math	S.St.	Eng.	Skt.	S.St.	Hindi	Sci.	Maths	Phy.	Maths/Bio.
4 Nov.	Sat.	Eng.	Sci	S.St.	Eng.	Skt.	S.St.	Eng.	Hindi	Eng.	Chem.
5 Nov.	Sun.	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday-
6 Nov.	Mon.	Hindi	Maths	Sci.	S.St.	Eng.	Maths	S.St.	Sci.	Math/Bio	Phy.
7 Nov.	Tue.	S.St.	Eng.	Hindi	Sci.	Hindi	Skt.	Maths	S.St.	Phy. Edu.	Eng.
8 Nov.	Wed.	Sci.	Hindi	Maths	Hindi	Maths	Sci.	Hindi	Eng.	Chem.	Phy. Edu.

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तुम चलो तो सही, तुम चलो तो सही

राह में मुश्किल होगी हजार
तुम दो कदम बढ़ाओ तो सही
हो जाएगा हर सपना साकार
तुम चलो तो सही, तुम चलो तो सही

मुश्किल है पर इतना भी नहीं
कि तू कर ना सके
दूर है मंजिल लेकिन इतनी भी नहीं
कि तू पा ना सके
तुम चलो तो सही, तुम चलो तो सही

एक दिन तुम्हारा भी नाम होगा
तुम्हारा भी सत्कार होगा
तुम कुछ लिखो तो सही
तुम कुछ आगे पढ़ो तो सही
तुम चलो तो सही, तुम चलो तो सही

सपनों के सागर में कब तक गोते लगाते रहोगे
तुम एक रहा है चुनो तो सही
तुम उठो तो सही, तुम कुछ करो तो सही
तुम चलो तो सही, तुम चलो तो सही

कुछ ना मिला तो कुछ सीख जाओगे
जिंदगी का अनुभव साथ ले जाओगे
गिरते पढ़ते संभल जाओगे
फिर एक बार तुम जीत जाओगे

तुम चलो तो सही, तुम चलो तो सही

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