

QF-075

MODEL ACADEMY

The Prestigious School of MIER

AFFILIATED TO THE CBSE

(Affiliation No. -730068)



SYLLABUS

Session 2025-26

Class – 10th

Model Institute of Education & Research

B.C. Road, Jammu

Ph. 0191-2546078, 2565098, 2544840 Fax. 0191-2548239

Website: www.modelacademy.in

Email:- principal@modelacademy.in

English (184)

Books Prescribed: 1. First Flight (NCERT)
2. Footprints (NCERT)

Month	No. of Working Days	Name of Topic/Chapter
<u>April</u>	24	Prose: A Letter to God Triumph of Surgery Nelson Mandela Poem: Dust of Snow Fire and Ice W. Skill: Letter to Editor in 100-120 words Grammar : Tenses
<u>May</u>	17	Prose: Two Stories about Flying The Thief's Story Poem: A Tiger in the Zoo W. Skill: Letter of Complaint/ Order Grammar : Determination
PERIODIC TEST – I		
<u>July</u>	20	Prose: From the Diary of Anne Frank Glimpses of India Poem: How to Tell Wild Animals W. Skill: Analytical Paragraph in 100-120 words Grammar: Narration
<u>August</u>	22	Prose: The Midnight Visitor Footprints without Feet A Question of Trust Mijbil the Otter Poem: The Ball Poem, Amanda, The Tree, Fog
<u>Sep</u>	12	Prose: Madam Rides the Bus Poem: For Anne Gregory
REVISION & TERM-I EXAMINATION		
<u>October</u>	18	Prose : The Making of a Scientist, The Necklace, The Sermon at Benares, The Book that Saved the Earth Poem : Tale of Custard the Dragon Grammar: Modals
<u>November</u>	11	Prose: The Proposal, Bholi
<u>December</u>	19	Revision & Pre-Board Exam-I
<u>January</u>	19	Revision & Pre-Board Exam-II
Reading Skills: 20 marks, Writing Skills and Grammar : 20 marks, Literature: 40 marks, Internal Assessment: 20 marks, Determines, Tenses		

हिन्दी

पाठ्यक्रम – ब (085)

Books Prescribed 1. पाठ्य पुस्तक स्पर्श भाग – 2 (एन. सी. ई. आर. टी.)
2. संचयन भाग – 2 (एन. सी. ई. आर. टी.)

उल्लास	दिन	पाठ
अप्रैल	24	स्पर्श पद्य भाग – कबीर की साखी, मीरा के पद, मनुष्यता स्पर्श गद्य भाग – बड़े भाई साहब रचनात्मक – अनुच्छेद लेखन, सूचना लेखन, विज्ञापन लेखन व्याकरण – समास, मुहावरे
मई	17	स्पर्श पद्य भाग – पर्वत प्रदेश में पावस, तोप स्पर्श गद्य भाग – डायरी का एक पन्ना संचयन – हरिहर काका व्याकरण – पदबंध रचनात्मक – पत्र-लेखन
PERIODIC TEST-1		
जुलाई	20	स्पर्श पद्य भाग – कर चले हम फिदा स्पर्श गद्य भाग – ततौरा-वामीरो कथा – तीसरी कसम के शिल्पकार व्याकरण – वाक्य रूपांतरण रचनात्मक – लघु कथा
अगस्त	22	स्पर्श पद्य भाग – आत्मत्राण स्पर्श गद्य भाग – अब कहाँ दूसरों के दुख से दुखी होने वाले संचयन – टोपी शुक्ला रचनात्मक – ई-मेल व्याकरण – पुनरावृत्ति
सितंबर	12	पुनरावृत्ति
REVISION & TERM - 1 EXAMINATION		
अक्टूबर	18	स्पर्श गद्य भाग – पतझड़ में टूटी पत्तियाँ व्याकरण – पुनरावृत्ति संचयन – सपनों के से दिन

		स्पर्श गद्य भाग – कारतूस रचनात्मक – ई-मेल, लघुकथा लेखन (पुनरावृत्ति) व्याकरण – पुनरावृत्ति
नवंबर	11	पुनरावृत्ति
दिसंबर	19	पुनरावृत्ति + प्री बोर्ड परीक्षा – I
जनवरी	19	प्री बोर्ड परीक्षा – II
<p>नोट – निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएँगे –</p> <p>पाठ्य पुस्तक स्पर्श भाग – 2</p> <p>बिहारी– दोहे (पूरा पाठ)</p> <p>महादेवी वर्मा – मधुर–मधुर मेरे दीपक जल (पूरा पाठ)</p> <p>अंतोन चेखव – गिरगिट (पूरा पाठ)</p> <p>पूरक पुस्तक संचयन भाग – 2</p> <p>पुस्तक में कोई परिवर्तन नहीं। कोई भी पाठ नहीं हटाया गया है।</p>		
<p>अपठित गद्यांश – 14 अंक</p> <p>व्याकरण – 16 अंक</p> <p>पाठ्य पुस्तक स्पर्श भाग–11 + 11= 22 अंक</p> <p>पूरक पाठ्य पुस्तक संचयन भाग – 2×3 = 6 अंक</p> <p>लेखन – 22 अंक</p> <p>भारांक – 80 (वार्षिक बोर्ड परीक्षा + 20 आंतरिक परीक्षा)</p>		

Mathematics (041 & 241)

Book Prescribed: Textbook for Maths class X NCERT

Maths exemplar Problems for class X – NCERT

Month	No. of Working Days	Name of Topic/Chapter
April	24 Days	CH – 1 Real Numbers CH - 2 Polynomials CH – 3 Pair of Linear Equations in two Variables. CH – 4 Quadratic Equations
May	17 Days	CH – 5 Arithmetic Progression CH – 6 Triangles
PERIODIC TEST - 1		
July	20 Days	CH – 7 Coordinate Geometry CH – 8 Introduction to Trigonometry & Identities
August	22 Days	CH – 9 Some Applications of Trigonometry CH – 10 Circles CH – 11 Area Related to Circles
September	12 Days	CH – 12 Surface Area and Volume
REVISION & TERM - 1 EXAMINATION		
October	18 Days	CH – 13 Statistics CH – 14 Probability
November	11 Days	Revision
December	19 Days	Revision & Pre-Board Exam – I
January	19 Days	Revision & Pre-Board Exam – II
Number System = 6 marks, Algebra = 20 marks, Co-ordinate Geometry = 6 marks, Geometry = 15 marks, Trigonometry = 12 marks, Mensuration = 10 marks, Statistics & Probability = 11, Internal Assessment = 20 Marks		

Science (086)

Book Prescribed: Textbook for class X – NCERT

Exemplar Problems Class X - NCERT

Month	No. of Working Days	Name of Topic/Chapter
April	24	Chemistry – Chemical Equation and Reaction Physics – Light reflection and Refraction
May	17	Physics – Light Reflection Biology – Our Environment Chemistry – Acid, Bases and Salts Physics – Human Eye and Colorful World
PERIODIC TEST-1		
July	20	Chemistry – Metals and Non-Metals Biology – Control and Coordination in Animal & Plants
August	22	Chemistry – Metals and Non-Metals Physics – Electricity Biology – How do organism Reproduce
Sep	12	Biology – How do organism Reproduce Biology – Heredity Physics – Magnetic Effects of Current
REVISION & TERM - 1 EXAMINATION		
October	18	Physics – Magnetic effects of Current Chemistry – Carbon and its Compounds Biology – Life Process
November	11	Revision
Revision		
December	19	Revision & Pre-Board Exam-I
January	19	Revision & Pre-Board Exam – II
Unit – I Chemical substances Nature and Behaviour = 25 marks, Unit – II World & Living = 25 marks, Unit – III Natural Phenomena - 12 marks, Unit – IV Effects of current = 13 marks, Unit – V = Natural Resources = 5 marks, Internal Assessment = 20 Marks.		

Social Science (087)

Books Prescribed:

1. India and the Contemporary World – II (History) NCERT (20 Marks)
2. Contemporary India – II (Geography) NCERT (20 Marks)
3. Democratic Politics – II (Pol. Science) – NCERT (20 Marks)
4. Understanding of Economic Development – NCERT (20 Marks)

Month	Lesson	Map Work
APRIL Working Days : 24	<u>CIVICS</u> Lesson – 1 <ul style="list-style-type: none"> • Power Sharing <u>HISTORY</u> Lesson - 1 <ul style="list-style-type: none"> • The Rise of Nationalism in Europe <u>GEOGRAPHY</u> Lesson - 1 <ul style="list-style-type: none"> • Resources and Development <u>ECONOMICS</u> Lesson - 1 <ul style="list-style-type: none"> • Development 	<ul style="list-style-type: none"> • Major Soils of India.
MAY Working Days : 17	<u>CIVICS</u> Lesson - 2 <ul style="list-style-type: none"> • Federalism <u>GEOGRAPHY</u> Lesson - 2 <ul style="list-style-type: none"> • Forest and Wildlife Resources. <u>HISTORY</u> Lesson - 3 <ul style="list-style-type: none"> • The Making of Global World Lesson – 4 <ul style="list-style-type: none"> • Age of Industrialization (To be evaluated in Periodic Test) 	
PERIODIC TEST - I		
JULY Working Days : 20	<u>CIVICS</u> Lesson - 3 <ul style="list-style-type: none"> • Gender Religion & Caste <u>GEOGRAPHY</u> Lesson – 3 <ul style="list-style-type: none"> • Water Resources <u>ECONOMICS</u> Lesson - 2 <ul style="list-style-type: none"> • Sectors of the Indian Economy 	<ul style="list-style-type: none"> • On an outline map of India the following Dams Salar, Sardar Saravar, Bhakra Nangal, Hirakud, Tehri, Nagarjuna Sagar, Ran Partap Sagar, Tungabhadar.

<u>AUGUST</u> Working Days : 22	<u>HISTORY</u> Lesson - 2 <ul style="list-style-type: none">Nationalism in India <u>CIVICS</u> Lesson - 4 <ul style="list-style-type: none">Political Parties <u>GEOGRAPHY:</u> Lesson -4 <ul style="list-style-type: none">Agriculture Lesson - 5 <ul style="list-style-type: none">Mineral and Energy Resources	Important Centres of Indian National Movement <ul style="list-style-type: none">Calcutta (Sep. 1920)Nagpur (Dec. 1920)Madras (1927)Major areas of Rice and WheatLargest producers of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute.
<u>SEPTEMBER</u> Working Days : 12	<u>HISTORY</u> Lesson - 4 <ul style="list-style-type: none">Print Culture and Modern World <u>CIVICS</u> Lesson - 5 <ul style="list-style-type: none">Outcomes of Democracy	Locating and labelling <ul style="list-style-type: none">Software Technology Parks Map of Minerals <ul style="list-style-type: none">Iron ore mines, Coal mines, Oil fields, power plantMajor ports.International Airports.
REVISION & TERM - I EXAMINATION		
<u>OCTOBER</u> Working Days : 18	<u>GEOGRAPHY</u> Lesson – 6 <ul style="list-style-type: none">Manufacturing Industries <u>ECONOMICS</u> Lesson – 3 <ul style="list-style-type: none">Money & Credit <u>GEOGRAPHY</u> Lesson – 7 <ul style="list-style-type: none">Lifelines of National Economy (Map only)	<ul style="list-style-type: none">Map of Cotton, Sugar, Rubber <ul style="list-style-type: none">Map of sea ports
<u>NOVEMBER</u> Working Days : 11	<u>ECONOMICS</u> Lesson – 4 <ul style="list-style-type: none">Globalization and Indian Economy	
Revision		
<u>DECEMBER</u> Working Days : 19	Revision & Pre-Board Exam-I	
<u>JANUARY</u> Working Days: - 19	Revision & Pre-Board Exam-II	
<ul style="list-style-type: none">- Indian and Contemporary World – I = 20 marks- Contemporary India – I = 20 marks- Democratic Politics – I = 20 marks- Economics Published by NCERT = 20 marks- Internal Assessment = 20 marks		

Artificial Intelligence (417)

Month	No. of Working Days	Name of Topic/Chapter
<u>April</u>	24	<u>PART-A (EMPLOYABILITY SKILLS)</u> Unit 1 – Communication Skills – II Unit 2 – Self Management Skills – II Unit 3 – ICT Skills – II
<u>May</u>	17	Unit 4 – Entrepreneurial Skills-II Unit 5 – Green Skills-II
PERIODIC TEST- I		
<u>July</u>	20	<u>PART – B (SUBJECT SPECIFIC SKILLS)</u> Unit 1 – Revisiting AI Project Cycle Unit 2 – Advance Concept of Modelling in AI.
<u>Aug</u>	22	Unit 3 – Evaluation
<u>Sep</u>	12	Revision
TERM - 1 EXAMINATION		
<u>Oct</u>	18	Unit – 4 Statistical Data Unit – 5 Computer Vision
<u>November</u>	11	Unit – 6 Natural Language Processing Unit – 7 Advance Python
Revision		
<u>December</u>	19	Revision & Pre – Board Exam – I
<u>January</u>	19	Revision & Pre-Board Exam –II
Employability Skills = 10 Marks, Subject Specific Skills = 40 Marks Unit-1 = 10 Marks, Unit-2 = 10 Marks, Unit – 6 = 10 Marks, Unit – 7 = 10 Marks, Unit – 3, 4 & 5 to be assessed practically.		

ART & CRAFT

Month	No. of Working Days	Name of Topic/Chapter
<u>April</u>	24	1. Colour Theory
<u>May</u>	17	2. Colour Meaning 3. Drawing Techniques
PERIODIC TEST- I		
<u>July</u>	20	4. Elements of Arts
<u>Aug</u>	21	5. Texture
<u>Sep</u>	10	6. Blending Techniques
TERM - I EXAMINATION		
<u>Oct</u>	18	Practical
<u>November</u>	22	Revision

~
Session:2025-2026
URDU SYLLABUS

Class:- 10th
Books prescribed:
Jaan Pehchan
(N.C.E.R.T)

جماعت: دسویں
جان پہچان
این۔سی۔ای۔آر۔ٹی

URDU COURSE-B (303)

Activity سرگرمیاں	Writing Skills تحریری مہارت	Grammar گرامر	Month:- April No. of working days:- 24
<p>Write a short note on the life of kaniya lal kapoor and Nazir Akbar Aabadi. کنھیالال کپور اور نظیر اکبر آبادی کی حالات پر ایک نوٹ لکھیں۔</p> <p>Write the life history of the poet Imail meerthi. اسمعیل میرٹھی کی حالات زندگی پر ایک نوٹ لکھیں۔</p>	<p>Essay on Republic day, Eid and Holi. ایم۔جمہوریہ، عید اور ہولی پر مضمون۔</p> <p>invitation letter to your friend. شادی کی شرکت کا خط۔</p> <p>Letter to your brother and sister. پڑھائی کی طرف دھیان دینے کے لئے بھائی اور بہن کے نام خط</p>	<p>Opposite word متضاد الفاظ</p> <p>Kinds of verb زمانے کے لحاظ سے فعل کی اقسام</p> <p>Numbers واحد جمع</p> <p>Gender مذکر مؤنث۔</p>	<p>Lesson no:- 1,2,3, سبق نمبر:- ۱، ۲، ۳، ۴</p>
Activity سرگرمیاں	Writing Skills تحریری مہارت	Grammar گرامر	Periodic test - I Month:- May W. Days:-17

<p>write a short summary of the lesson "zabanon ka ghar hindustan".</p> <p>”زبانوں کا گھر ہندوستان“ کا خلاصہ اپنی زبان میں لکھیں۔</p>	<p>Essay on annual day celebration and historical monuments.</p> <p>اسکول کے سالانہ دن یا کسی تاریخی مقامات پر مضمون۔</p> <p>Letter to your Father and mother.</p> <p>اپنے والد اور والدہ صاحبہ کے نام خط لکھیں</p> <p>جس میں پانچ سو روپے منگوائے گئے ہوں۔</p>	<p>Prefixes and Suffixes.</p> <p>ساتھ اور لاحقہ۔</p>	<p>Lesson no: 4,5,6.</p> <p>سبق نمبر: ۴،۵،۶ تک۔</p>
<p>Activity</p> <p>سرگرمیاں</p>	<p>Writing skills</p> <p>تحریری مہارت</p>	<p>Grammar</p> <p>گرامر</p>	<p>Month:- July</p> <p>W. Days:- 20</p>
<p>Paste a picture of Munshi prem chand and write few lines about him.</p> <p>منشی پریم چند کی تصویر لگا کر اس کے بارے میں چند جملے بنائیں۔</p>	<p>Essay on your favourite personality</p> <p>پسندیدہ شخصیت پر مضمون۔</p> <p>application for change of section.</p> <p>سیکشن تبدیل کرنے کے لئے درخواست۔</p> <p>letter to your friend</p> <p>دوست کے نام خط۔</p>	<p>Urdu punctuation Marks.</p> <p>رموز و اوقاف۔</p>	<p>Lesson no:- 7,8,9.</p> <p>سبق نمبر: ۷،۸،۹ تک۔</p>
<p>Activity</p> <p>سرگرمیاں</p>	<p>Writing skills</p> <p>تحریری مہارت</p>	<p>Grammar</p> <p>گرامر</p>	<p>Month:- August</p> <p>No. of working days:-22</p>

<p>write a life history of the poet Mir taq Mir and Mir Anees.</p> <p>میر تقی میر اور میر انیس کی زندگی کے بارے میں کچھ سطریں تحریر کریں۔</p>	<p>Essay on " After session ending break first day of new" session.</p> <p>چھٹی کے بعد اسکول کا پہلا دن پر مضمون۔</p> <p>Application for fee concession</p> <p>فیس معاف کی درخواست۔</p>	<p>kinds of verb</p> <p>فعل معروف اور فعل مجہول۔</p> <p>Application for leave.</p> <p>چھٹی کے لئے درخواست</p>	<p>Lesson no</p> <p>:10,11,12,13.</p> <p>سبق نمبر: ۱۰،۱۱،۱۲،۱۳ تک۔</p>
---	---	---	--

Activity سرگرمیاں	Writing skills تحریری مہارت	Grammar گرامر	Month:- October Working days:18
Paste the picture of Zoke, Mohd Mujeeb, Galib and Iqbal and write their life history and contribution towards urdu zaban. ذوق، محمد مجیب، غالب اور اقبال کی تعویہیں لگا کر اُردو ادب کے بارے میں اُن کی شراکت داری کو واضح طور پر لکھیں۔	Essay on "A visit of sports or fair". کسی کھیل یا میلے کا آنکھوں دیکھا حال پر مضمون۔ Essay on "value of games and sports". صحت اور کھیل پر مضمون۔ official letters on -village, society and health. دفتری خطوط۔ گاؤں، سوسائٹی اور صحت پر۔	Proper and common noun. اسم معرفہ اور اسم نکرہ۔	Lesson no:- 14,15,16,17,18 سبق نمبر ۱۴، ۱۵، ۱۶، ۱۷، ۱۸ تک۔
Activity سرگرمیاں	Writing skills تحریری مہارت	Grammar گرامر	Month:- November Working days:11
Write short note on the life of a Rattan singh and his famous books of urdu. رتن سنگھ کی زندگی اور اُن کی کتابوں کے بارے میں مختصر لکھیں۔	Essay on Diwali and Dussehra. دیوالی اور دسہرہ پر مضمون۔ Essay on Independence day. یوم آزادی پر مضمون۔	Idioms and phrases محاوروں اور کہاوتوں کا جملوں میں استعمال۔ Synonyms مترادف الفاظ	Lesson no: 19,20,21,22. سبق نمبر ۱۹، ۲۰، ۲۱، ۲۲۔

Reading & Comprehension – 20 Marks

Grammar - 20 Marks

Writing Skills – 25 marks

Literature – 15 marks