

DON BOSCO SR. SEC. SCHOOL, JHARMARI
Syllabus 2018-19

Subject: English

Class : IX

Periodic Test I			Periodic Test II		
TEXT	Chapter No.	Title of the Chapter	TEXT	Chapter No.	Title of the Chapter
MOMENTS	1. 2.	The lost child The Adventures of Totto	MOMENTS	3. 4. 5.	Iswaran the story teller In the kingdom of fools The happy prince
BEEHIVE	1. 2.	The fun they had The sound of music	BEEHIVE (PROSE)	3. 4. 5.	The little girl A truly beautiful mind The snake and the mirror.
			(POETRY)	1. 4. 5.	The road not taken The lake isle of Innisfree A legend of the Northland
Integrated grammar practice: Diary entry, Article writing Gap filling (to test Prepositions, Articles, Conjunctions, Tenses) Spotting errors, Omissions, Sentence Reordering, Sentence Transformation			Integrated grammar practice: Diary entry, Article writing Gap filling (to test Prepositions, Articles, Conjunctions, Tenses) Spotting errors, Omissions, Sentence Reordering, Sentence Transformation		
Activity (i) Read a novel and summarize it within 5-6 pages (ii) Prepare and deliver a speech.			Activity : Summarize the chapters In the Kingdom of fools, A truly beautiful mind, in your own words. + <i>Syllabus of P.A-I.</i>		

Periodic Test III		
TEXT	Chapter No.	Title of the Chapter
MOMENTS		6. Weathering the storm in Ersama 8. A house is not a home 9. The accidental tourist
BEEHIVE (PROSE)		8. Reach for the top 9. The bond of love 10. Kathmandu
(POETRY)		8. On killing a tree 9. The snake trying 10. A slumber did my spirit seal
Integrated grammar practice		Diary entry, Article writing Gap filling (to test Prepositions, Articles, Conjunctions, Tenses) Spotting errors, Omissions, Sentence Reordering, Sentence Transformation
Activity		(i) Debate (ii) Summarize the chapters The bond of love, A house is not a home & reach for the top, in your own words. (iii) ASL + <i>syllabus of P.A-I & P.A- II</i>
Annual Examination (Marks:80)		
Annual Examination will include the entire syllabus.		

Subject: Hindi**Class : IX**

Periodic Test I		Periodic Test II	
Chapter No.	Title of the Chapter	Chapter No.	Title of the Chapter
पाठ 2 पाठ 3 पाठ 1 पाठ 2 पाठ 1	दुख का अधिकार (हिंदी स्पर्श गद्य खंड) एवरेस्ट मेरी शिखर यात्रा (,,) रैदास (हिंदी स्पर्श पद्य खंड) रहीम (हिंदी स्पर्श पद्य खंड) गिल्लू (हिंदी संचयन) वर्ण-विच्छेद , अनुस्वार , अनुनासिक , पत्र। (हिंदी व्याकरण)	पाठ 4 पाठ 7 पाठ 3 पाठ 4 पाठ 2	तुम कब जाओगे अतिथि (हिंदी स्पर्श गद्य खंड) कीचड़ का काव्य ” आदमीनामा (हिंदी स्पर्श पद्य खंड) एक फूल की चाह (हिंदी स्पर्श पद्य खंड) स्मृति (हिंदी संचयन) नुक्ता, उपसर्ग, प्रत्यय, संधि (दीर्घ और गुण) अपठित काव्यांश,अपठित गद्यांश, चित्र लेखन, संवाद, विज्ञापन, अनुच्छेद (हिंदी व्याकरण) +Syllabus of Ist Periodic
Activity	कविता वाचन	Activity	प्रपत्र भरने के लिए देना।

Periodic Test III		Annual Examination
Chapter No.	Title of the Chapter	
पाठ 7 पाठ 8 पाठ 6 पाठ 7 पाठ 5 पाठ 6	धर्म की आड़(हिंदी स्पर्श गद्य खंड) शुकतारे के समान ” अग्निपथ (हिंदी स्पर्श पद्य खंड) नए इलाके में, खुशबू रचते हैं हाथ (हिंदी स्पर्श पद्य खंड) हामिद खॉ (हिंदी संचयन) दिए जल उठे ” संधि(वृद्धि, यण और अयादि) विराम चिन्ह, संवाद, विज्ञापन, (हिंदी व्याकरण) +Syllabus of Ist and IInd Periodic	Annual Examination will include the entire syllabus.
Activity	फाइल बनवाना	

Subject: Maths**Class : IX**

Periodic Test I		Periodic Test II	
Chapter No.	Title of the Chapter	Chapter No.	Title of the Chapter
1. 2. 3. 4. 5.	Number Systems Polynomials Coordinate Geometry Linear Equations in Two Variables Introduction to Euclid's Geometry	6. 7. 8. 9. 14.	Lines and Angles Triangles Quadrilaterals Areas of Parallelogram and Triangles Statistics +Syllabus of Period Test I)
Activity	To verify the algebraic identity $(a + b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$	Activity	To verify that the straight line joining Mid Points of any two sides of a triangle is parallel to the third side and is equal to half of it.

Periodic Test III		Annual Examination
Chapter No.	Title of the Chapter	Annual Examination will include the entire syllabus.
10.	Circles	
11.	Constructions	
12.	Heron's Formula	
13.	Surface Areas and Volumes	
15.	Probability (Including Syllabus of Period Test I and II)	
Activity	To verify that the angle subtended by an arc at the centre of circle is double the angle it subtends at any point on the remaining part of the circle.	

Subject: Social science

Class: IX

Periodic Test I		Periodic Test II	
CHAPTER NO.	TITLE OF THE CHAPTER	CHAPTER NO.	TITLE OF THE CHAPTER
1.	HISTORY- THE FRENCH REVOLUTION.	2,5	HISTORY- SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION,
1,2	GEOGRAPHY-INDIA-SIZE AND LOCATION, PHYSICAL FEATURES OF INDIA.		
1.	DEMOCRATIC POLITICS-WHAT IS DEMOCRACY? WHY DEMOCRACY?	3,4 3,4	GEOGRAPHY-DRAINAGE, CLIMATE. DEMOCRATIC POLITICS-CONSITUTIONAL DESIGN, ELECTORAL POLITICS.
1.	ECONOMICS-THE STORY OF VILLAGE PALAMPUR.	3	ECONOMICS-PEOPLE AS RESOURCE.
			Including syllabus of Periodic test 1.
ACTIVITY	To prepare a project file by identifying songs, dances, festivals, and special food preparations associated with certain season in their particular region and weather. *Map	ACTIVITY	DEBATE-Discuss the impact of unemployment on Economy. PROJECT-Disaster Management. (Project file) *Map

Periodic Test III		Annual Examination
CHAPTER NO.		Annual Examination will include the entire syllabus.
	Annual Examination will include the entire syllabus.	
3	HISTORY- PASTORALIST IN THE MODERN WORLD.	
5,6	GEOGRAPHY- NATURAL VEGETATION AND WILD LIFE, POPULATION.	
5,6	DEMOCRATIC POLITICS-WORKING OF INSTITUTIONS, DEMOCRATIC RIGHTS.	
3,4	ECONOMICS-POVERTY AS A CHALLENGE, FOOD SECURITY IN INDIA.	
	Including syllabus of Periodic test 1 and 2.	
ACTIVITY	POSTER MAKING- Topic: Fundamental Rights. *Map	

Periodic Test - I

(ੳ) ਪੜ੍ਹਨ - ਕੌਸ਼ਲ

(ਅਣਡਿੱਠੇ ਵਾਰਤਕ ਪੈਰਿਆਂ ਉੱਤੇ ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)

ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ

1 ਪੱਤਰ ਰਚਨਾ (ਨਿਜੀ ਪੱਤਰ) 2 ਨੈਤਿਕ ਕਦਰਾਂ ਕੀਮਤਾਂ ਨਾਲ ਸੰਬੰਧਤ ਪ੍ਰਸ਼ਨ ।

ਵਿਆਕਰਨ

1 ਵਿਰੋਧੀ ਸ਼ਬਦ 2 ਲਿੰਗ ।

ਪਾਠ - ਪੁਸਤਕਾਂ

(ਸਾਹਿਤਕ ਕਿਰਨਾਂ - 1)

1 ਕਾਵਿ - ਰਚਨਾਵਾਂ - ਬਾਬਾ ਸ਼ੇਖ ਫ਼ਰੀਦ , ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ।

2 ਵਾਰਤਕ ਭਾਗ - ਲੇਖ ਕਬੱਡੀ (ਪ੍ਰਿੰ : ਸਰਵਣ ਸਿੰਘ) , ਮਹਾਤਮਾ ਬੁੱਧ ਦੀਆਂ ਸੁਖਮਤਾਈਆਂ (ਗੁਰਨਾਮ ਸਿੰਘ) ,

(ਸਾਹਿਤਕ ਰੰਗ - 1)

1 ਕਹਾਣੀ - ਇਕ ਸਧਾਰਨ ਆਦਮੀ ।

2 ਜੀਵਨੀ - ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ ।

Activity - ਕਵਿਤਾ ਸਿਮਿਲ ਰੁੱਖ ਸਰਾਇਆ ਜਾਂ ਸਮਾਂ ਨੂੰ ਯਾਦ ਕਰਨਾ ਤੇ ਲਿਖਣਾ ।

Periodic Test - II

ਪੜ੍ਹਨ - ਕੌਸ਼ਲ

(ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਨਾਲ ਸੰਬੰਧਤ ਪ੍ਰਸ਼ਨ)

ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ

1 ਲੇਖ - ਰਚਨਾ (ਸ਼ਖਸੀਅਤਾਂ ਅਤੇ ਆਮ ਵਾਕਫ਼ੀਅਤ ਨਾਲ ਭਰਭੂਰ ਵਿਸ਼ੇ)

ਵਿਆਕਰਨ

1 ਸ਼ਬਦ ਸੁੱਧੀ ਅਤੇ ਮੁਹਾਵਰੇ (ਓ ਤੋਂ ਹ ਤੱਕ)

ਪਾਠ - ਪੁਸਤਕਾਂ

(ਸਾਹਿਤਕ ਕਿਰਨਾਂ - 1)

1 ਕਾਵਿ - ਰਚਨਾਵਾਂ - ਭਾਈ ਵੀਰ ਸਿੰਘ , ਫ਼ੀਰਜ਼ੋਦੀਨ ਸਰਫ਼ ,

2 ਵਾਰਤਕਕਾਰ - ਪਿਆਰਾ ਸਿੰਘ ਦਾਤਾ , ਸਾਧੂ ਸਿੰਘ ਆਂਚਲ ।

(ਸਾਹਿਤਕ ਰੰਗ - 1)

1 ਕਹਾਣੀ - ਪ੍ਰਦੇਸ ਨਾ ਤੂੰ ਤੋਰੀ ਬਾਬਲਾ ।

2 ਇਕਾਂਗੀ - ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ ।

Activity - ਪ੍ਰੋਜੈਕਟ ਫਾਇਲ : ਸਵੈ ਰੱਖਿਆ ਜਾਂ ਕਬੱਡੀ

Periodic Test - III

ਪੜ੍ਹਨ - ਕੌਸ਼ਲ

(ਅਣਡਿੱਠੇ ਪੈਰੇ ਨਾਲ ਸੰਬੰਧਤ ਪ੍ਰਸ਼ਨ)

ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ

1 ਪੱਤਰ - ਰਚਨਾ (ਦਫ਼ਤਰੀ)

ਨੈਤਿਕ ਕਦਰਾਂ ਕੀਮਤਾਂ

ਚਿੱਤਰ ਲੇਖਣ

ਵਿਆਕਰਨ

1 ਵਿਸਮਿਕ ਅਤੇ ਮੁਹਾਵਰੇ (ਓ ਤੋਂ ਹ ਤੱਕ)

ਪਾਠ - ਪੁਸਤਕਾਂ

(ਸਾਹਿਤਕ ਕਿਰਨਾਂ - 1)

1 ਕਾਵਿ - ਰਚਨਾਵਾਂ - ਸਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ , ਨੰਦ ਲਾਲ ਨੂਰਪੁਰੀ

2 ਵਾਰਤਕਕਾਰ - ਪੰਜਾਬੀ ਵਿਰਸਾ ।

(ਸਾਹਿਤਕ ਰੰਗ - 1)

1 ਕਹਾਣੀ - ਦੁੱਧ ਤੇ ਪੁੱਤ ।

2 ਜੀਵਨੀ - ਪੁਲਾੜ ਦੀ ਪਰੀ (ਕਲਪਨਾ ਚਾਵਲਾ)

Activity - ਪ੍ਰੋਜੈਕਟ ਫਾਇਲ : ਕਲਪਨਾ ਚਾਵਲਾ

Subject: Science (Physics)**Class: IX**

PERIODIC TEST I		PERIODIC TEST II	
UNIT III	MOTION, FORCE AND WORK	UNIT-III	MOTION, FORCE AND POWER
CHAPTER NO.	TITLE OF THE CHAPTER	CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-8 Lesson-9	<ul style="list-style-type: none"> • Motion • Force and laws of motion (Half Chapter) 	Lesson-9 Lesson-10	<ul style="list-style-type: none"> • Force and laws of motion(Half) • Gravitation and floatation • + syllabus of P.A-I
ACTIVITY	Practical lab work * Verification of the laws of reflection of sound	ACTIVITY	<ul style="list-style-type: none"> • Practical Lab work • Determination of the density of solid by using a spring balance and a measuring cylinder. • Establishing the relation between the loss in weight of a solid when fully immersed in (i) Tap water (ii) strongly salty water, with the weight of water displaced by it by taking at least two different solids. <p>Make a project file on applications of Archimedes principle .</p>
PERIODIC TEST III		Annual Examination	
UNIT-III	MOTION, FORCE AND POWER	Annual Examination will include the entire syllabus.	
CHAPTER NO.	TITLE OF THE CHAPTER		
Lesson-11 Lesson-12	<ul style="list-style-type: none"> • Work energy and power • Sound • Syllabus covered up to December • + syllabus of P.A-1 and P.A.-2 		
ACTIVITY	<ul style="list-style-type: none"> • Practical Lab work • Determination of the speed of a pulse propagated through a stretched string/slinky. • Worksheet on numericals related to the chapter (Sound). 		

Subject: SCIENCE (CHEMISTRY)**Class: IX**

Periodic Test I	
Unit-I	Matter-Nature and Behaviour
Chapter No.	Title of the Chapter
L-1 L-2	<ul style="list-style-type: none"> • Matter in our surrounding • Is matter around us Pure (Half Chapter)
Activity	<ul style="list-style-type: none"> • Practical Lab work <ol style="list-style-type: none"> 1. Preparation of (a) a true solution (b) a suspension (c) a colloidal solution and distinguish between these on the basis of transparency, filtration criterion, stability. 2. Preparation of (a) a mixture and (b) a compound and distinguishing between these on the basis of appearance, behaviour towards a magnet, behaviour towards carbon disulphide as a solvent, effect of heat. 3. Separation of the components of a mixture of sand, common salt and ammonium chloride (or camphor).

Periodic Test II	
Unit-I	Matter-Nature and Behaviour
Chapter No.	Title of the Chapter
L-2 L-3	<ul style="list-style-type: none"> • <i>Is matter around us Pure (left Chapter)</i> • <i>Atoms and Molecules</i> • <i>Including syllabus of P.A-I</i>
Activity	<ul style="list-style-type: none"> • <i>Practical Lab work</i> 4. <i>Perform the following reactions and classify them as physical or chemical changes:</i> <i>(a)Iron with copper sulphate solution in water</i> <i>(b)Burning of magnesium ribbon in air</i> <i>(c) Zinc with dilute sulphuric acid</i> <i>(d) Heating of copper sulphate crystals</i> <i>(e) Sodium sulphate with barium chloride in the form of their solutions in water.</i>
Periodic Test III	
Unit-I	Matter-Nature and Behaviour
Chapter No.	Title of the Chapter
L-4	<ul style="list-style-type: none"> • <i>Structure of atom</i> • <i>Including syllabus of P.A-I and P.A-II</i>
Activity	<ul style="list-style-type: none"> • <i>Make a project file showing distribution of electrons in an element (from Atomic number 1 to atomic number 18)</i> • <i>Practical Lab work</i> 5. <i>Verification of the law of conservation of mass in a chemical reaction.</i>
Annual Examination	
Unit-I	Matter-Nature and Behaviour
Chapter No.	Title of the Chapter
L-1 L-2 L-3 L-4	<ul style="list-style-type: none"> • <i>Matter in our surrounding</i> • <i>Is matter around us Pure</i> • <i>Atoms and Molecules</i> • <i>Structure of atom</i>

Subject: SCIENCE (BIOLOGY)

Class: IX

PERIODIC TEST I UNIT-II	ORGANIZATION IN THE LIVING WORLD
CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-5 Lesson-6	<ul style="list-style-type: none"> • The fundamental unit of life • Tissues
ACTIVITY	<p>PRACTICAL LAB WORK</p> <ol style="list-style-type: none"> 1. Preparation of stained temporary mounts of (a) Onion peel (b) Human cheek cell. Draw labelled diagrams also. 2. Identification of parenchyma , collenchyma and sclerenchyma tissue in plants , striped , smooth and cardiac muscle fibres from prepared slides. 3. Find out what provisions are made by your local authority (municipal corporation) for the supply of clean drinking water. Are all the people able to access this? 4. Find out how your local authority manages the solid waste generated in your neighbourhood. Are these measures adequate?
PERIODIC TEST II UNIT-II	ORGANIZATION IN THE LIVING WORLD
CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-13 Lesson-7	<ul style="list-style-type: none"> • Why do we fall ill? • Diversity in living organisms.

Syllabus of P.A-I will be included in P.A-II	
ACTIVITY	PRACTICAL LAB WORK 1.Study of characteristics of Spirogyra , Agaricus , Moss , Fern , Pinus and an Angiospermic plant. 2. Observe the given pictures and charts of earthworm , cockroach , bonyfish and bird.
PERIODIC TEST III UNIT-V FOOD PRODUCTION	
CHAPTER NO.	TITLE OF THE CHAPTER
Lesson-14 Lesson-15	<ul style="list-style-type: none"> • Natural resources • Improvement in food resources
Syllabus of P.A-I & II will be included in P.A-III	
ACTIVITY	PRACTICAL LAB WORK 1.Study of the external features of root, stem , leaf and flower of monocot and dicot plants.
ANNUAL EXAM	Complete Syllabus

Subject: Computer

Class: IX

Periodic Test I			Periodic Test II		
Unit No	Unit name	Chapters	Unit No	Unit name	Chapters
Part B	Vocational Skills Employability Skills	Word Processing(Elementary) Spreadsheet (Elementary)	Part B Part A	Vocational Skills Employability Skills	Presentation Basic ICT Skills + Syllabus of Periodic Test- I
Practical Work: Program No 1-5 as per the index.			Practical Work: Program No 6-10 as per the index.		
Project Work: Industrial visit-1			Project Work: Industrial visit- 2		

Periodic Test III			Annual Examination
Unit No	Unit name	Chapters	
Part A	Employability Skills	Communicational Skills Self-Management Skills Entrepreneurial Skills Green Skills + Syllabus of Periodic Test- I & II	Theory (50 M) Complete Syllabus Practical (50 M) Practical File, Project Report
Practical Work: Program No 11-15 as per the index.			
Project Work: Industrial visit- 3			