

JUBILEE HILLS PUBLIC SCHOOL, HYD (2013 -2014)

Syllabus for Class-IX

Mathematics

TERM	CHAPTERS
TERM-I	1) Number System 2) Polynomials 3) Euclid Geometry 4) Lines & Angles 5) Triangles 6) Co-ordinate Geometry 7) Heron's Formula
TERM-II	8) Linear equations in 2 variables 9) Quadrilaterals 10) Areas of parallelograms & Triangles 11) Surface Areas & volumes 12) Constructions 13) Circles 14) Statistics 15) Probability

SOCIAL SCIENCE

SCIENCE

TERM	CHAPTERS
<p>TERM-I</p>	<p>HISTORY</p> <ol style="list-style-type: none"> 1. French Revolution 2. Nazism- Rise of Hitler <p>GEOGRAPHY-</p> <ol style="list-style-type: none"> 1. India- Size and Location 2. Physical Features 3. Drainage <p>CIVICS</p> <ol style="list-style-type: none"> 1. Democracy in the contemporary world 2. What is democracy? Why democracy? 3. Constitutional Design <p>ECONOMICS</p> <ol style="list-style-type: none"> 1. Story of village- Palampur <p>People as a resource</p>
<p>TERM-II</p>	<p>HISTORY</p> <ol style="list-style-type: none"> 1. Forest society and colonialism 2. Story of Cricket <p>GEOGRAPHY-</p> <ol style="list-style-type: none"> 4. Climate 5. Natural vegetation and wild life 6. Population <p>CIVICS</p> <ol style="list-style-type: none"> 4. Electoral Politics 5. Working of institutions 6. Democratic Rights <p>ECONOMICS</p> <ol style="list-style-type: none"> 1. Poverty as a challenge 2. Food security

TERM	CHAPTERS
TERM-I	PHYSICS
	1) MOTION
	2) FORCE & LAWS OF MOTION
	3) GRAVITATION – (UPTO MASS & WEIGHT)
	PRACTICALS
	1) FRICTION & WEIGHT
	CHEMISTRY
	1) Matter in our surroundings
	2) Is matter around us pure
	Practicals
1) Types of solutions	
2) Mixtures and compounds	
3) Types of chemical changes	
4) Melting point and boiling point	
5) sublimation	
BIOLOGY	
1) The Fundamental Unit of Life	
2) Tissues	
3) Improvement in Food Resources	
PRACTICALS	
1) Temporary mount of onion peel & human cheek cell	
2) Permanent slides – Plant tissues & Animal tissues	
3) Food adulterants – Test the presence of starch & Metanil yellow	
4) Osmosis – To determine the mass % of water imbibed by Raisins	

TERM-II	<p style="text-align: center;">PHYSICS</p> <ol style="list-style-type: none"> 1) GRAVITATION (FLOATATION) 2) WORK & ENERGY 3) SOUND <p>PRACTICALS</p> <ol style="list-style-type: none"> 1) DENSITY OF SOLID 2) ARCHIMEDE'S PRINCIPLE 3) PRESSURE EXERTED BY A CUBOID 4) LAWS OF REFLECTION OF SOUND 5) VELOCITY OF PULSE
	<p style="text-align: center;">CHEMISTRY</p> <ol style="list-style-type: none"> 1) Atoms and molecules 2) Atomic structure <p>Practicals</p> <ol style="list-style-type: none"> 1) Law of conservation of mass <p>BIOLOGY</p> <ol style="list-style-type: none"> 1) Diversity in Living Organisms 2) Why do we fall ill 3) Natural Resources <p>PRACTICALS</p> <ol style="list-style-type: none"> 1) To study the characteristic of spirogyra/Agaricus, Moss/Fern, Pinus (either with male or female cone) and an Angiospermic plant. Draw and give two identifying features of groups they belong to 2) To observe and draw the given specimens-earthworm, cockroach, bony fish and bird. For each specimen record one specific feature of its phylum, adaptive feature with its habitat.. 3) To study the external features of root, stem, leaf and flower of monocot and dicot plant

4) To study the life cycle of mosquito

HINDI

TERM	CHAPTERS
TERM-I	<p>TEXT BOOKS : स्पर्श भाग-1 (NCERT)</p> <p>संचयन भाग-1 (NCERT)</p> <p>आधुनिक व्याकरण एवं रचना (लक्ष्मी पब्लिकेशन)</p> <p><u>PROSE</u> :</p> <p>धूल, दुख का अधिकार, एवरेस्ट : मेरी शिखर यात्रा, तुम कब जाओगे, अतिथि</p> <p><u>POETRY</u> :</p> <p>रैदास के पद, रहीम के दोहे, आदमीनामा</p> <p><u>NON DETAIL</u> :</p> <p>गिल्लू, स्मृति, कल्लू कुम्हार की उनाकोटी</p> <p><u>GRAMMAR & WRITING SKILLS</u> :</p> <p>वर्ण-विच्छेद, अनुस्वार, अनुनासिक, नुक्ता उपसर्ग, प्रत्यय, संधि, विराम-चिह्न,</p> <p>पत्र-लेखन (अनौपचारिक), अनुच्छेद लेखन, चित्र-वर्णन, संवाद-लेखन, विज्ञापन-लेखन,</p> <p>अपठित गद्यांश एवं काव्यांश</p>

TERM-II	<p><u>PROSE :</u></p> <p>वैज्ञानिक चेतना के वाहक सी.वी. रामन, कीचड़ का काव्य, धर्म की आड़, शुक्रतारे के समान</p> <p><u>POETRY :</u></p> <p>एक फूल की चाह, गीत-अगीत, अग्नि पथ, नए इलाके में, खुशबू रचते हैं हाथ</p> <p><u>NON DETAIL :</u></p> <p>मेरा छोटा-सा निजी पुस्तकालय, हामिद खाँ, दिये जल उठे</p> <p><u>GRAMMAR & WRITING SKILLS :</u></p> <p>वर्ण-विच्छेद, अनुस्वार, अनुनासिक, नुक्ता उपसर्ग, प्रत्यय, संधि, विराम-चिह्न,</p> <p>पत्र-लेखन (अनौपचारिक), अनुच्छेद लेखन, चित्र-वर्णन, संवाद-लेखन, विज्ञापन-लेखन,</p> <p>अपठित गद्यांश एवं काव्यांश</p>
---------	--

Telugu (II LANG)

TERM	CHAPTERS
TERM-I	<p>1.శివ ధనుర్భంగం. (పద్య)</p> <p>1. కోడి గుడ్డంత గోధుమ గింజ., (గద్య)</p> <p>2.కాశీ పట్టణ పిశిష్టత. (పద్య)</p> <p>2.అష్టావధానం (గద్య)</p>

	<p>తెలుగుసంధులు -అకార , ఇకార ,ఉకార</p> <p>4.పారిజాతాపహరణం. (పద్య)</p> <p>ఆదర్శచక్రవర్తి ఆంధ్రభోజుడు (ఉ.వా)</p> <p>4.ఆశ - నిరాశ (గద్య)</p> <p>స్వశక్తికి నిదర్శనం - సత్యలింగనాయకర్ (ఉ.వా)</p> <p>లేఖారచన,వ్యాసరచన, జాతీయాలు , సామెతలు . పర్యాయపదాలు,</p> <p>ప్రకృతి - పీకృతులు, వ్యతిరేకపదాలు</p> <p style="text-align: center;">Revision - Exams</p>
TERM-II	<p>5.తుమ్మచెట్టు. (గద్య)</p> <p>5.ఆంధ్ర నాయక శతకం. (పద్య)</p> <p>6.ఆధునికభాష, (గద్య)</p> <p>సవర్ణదీర్ఘసంధి,గుణసంధి, వృద్ధి సంధి,యణాదేశసంధి</p> <p>మేధావులలోమేటి --మౌలానాఅబుల్ కలాం ఆజాద్ (ఉ.వా)</p> <p>8.ప్రపంచశాంతి సమితి సమావేశము(గద్య)</p> <p>6.గిజిగాడు. . (పద్య)</p> <p>7.పిలుపు. (పద్య)</p> <p>9. కొంగ - ఎండ్రీ. (గద్య)</p> <p>10. సుభాషిత రత్నాలు. (పద్య)</p>

	<p>మహిళలలో మణిపూస కనపర్తి వరలక్ష్మమ్మ (ఉ.వా)</p> <p>సుప్రసిద్ధవెయిట్ లిఫ్టర్ - కరణంమల్లేశ్వరి (ఉ.వా)</p> <p>లేఖారచన,వ్యాసరచన,జాతీయాలు,సామెతలు</p> <p>Revision Exams</p>
--	---