THE AARYAN GLOBAL SCHOOL
CLASS 7 (2021-22)
ANNUAL BIFURCATION

Mathematics

Month	Topic	Pedagogical Skills
April	Chapter 1: Integers Chapter 2: Fractions & Decimals	Integer card game Grid activity
May	Chapter 3: Data Handling Chapter 4: Simple Equations	Record & represent data Create your own equation
July	Chapter 5: Lines & Angles Chapter 15: Visualising Solid Shapes Chapter 13: Exponent & powers	Verification of vertically opposite angles Net of 3-D shapes Crossword puzzle
August	Chapter 14: Symmetry	Group discussion – Symmetry
September	**Revision**	**------**
October	Chapter 9: Rational Numbers Chapter 6: The Triangle & Its Properties	Ring the odd Verification of angle sum property
November	Chapter 7: Congruence Of Triangles Chapter 10: Practical Geometry	Form perfect square Tangram
December	Chapter 11: Perimeter & Area	------
January	Chapter 12: Algebraic Expression	Who am I?
February	**Revision**	**------**
March	**Final Examination**	**------**

ICT
Term 1

MONTHS	CONTENT	PEDAGOGICAL SKILL
APRIL	Ch. 1(Number System) Ch-2(Computer Virus)	Doing Examples of different number system conversion, Collage making of types of Viruses
MAY	Ch. 3 (Microsoft Windows 7)	LAB Work- Starting of Windows, Managing Files and Folders
JULY	Ch. 4(Enlivening a Presentation)	LAB Work-Create a colourful presentation on the Theme “Child Labour”.
AUGUST	Worksheet (Chapters 1 -4)	Explained in class.
SEPTEMBER	Revision	-------

Term 2

MONTHS	CONTENT	PEDAGOGICAL SKILL
OCTOBER	Ch. 5(Microsoft Excel 2010) Ch. 6(Editing A Worksheet)	LAB Work- Telling different components of the window and editing a Worksheet
NOVEMBER	Ch 7(Formulas and Functions)	LAB Work- Using different formulae like sum, average, max, min etc.
DECEMBER	Ch 8(Conditional Statements in Basic-256)	LAB Work – Using Statements in the Programs
JANUARY	Worksheet (Chapters 5 -8)	Explained in class.
FEBRUARY	Revision	-------

SOCIAL SCIENCE

MONTHS	CHAPTERS	Pedagogical skills
APRIL	**History:-** Ch. 1 Tracing changes through a thousand years **Geo:-** Ch. 1 Our environment **Pol.Sc:-** Ch. 1 on equality History:- Ch. 2 New kings & kingdoms	Geo: Ch. 1 Collaborative learning: Group activity of collage making about environmentalists
MAY **JULY** **AUGUST** **SEPTEMBER**	Geo:- Ch. 2 Inside our earth History:-Ch. 3 The Delhi sultans Pol. Sc:- Ch. 2 Role of Govt. in health Geo: Ch.3 Our Changing Earth History:- Ch. 4 The Mughal empire Pol.Sc:- Ch.3 How the govt. works Pol.Sc:- Ch. 4 Growing up as boys and girls Geo: Ch. 4 Air Geo:- Ch. 5 Water History:- Ch. 5 Rulers and buildings **Half yearly exams**	Geo: Ch. 2 Diagrams History: Ch.3 Project Work about Delhi Sultans. History: Map about the location of Historical Monuments Geo: Ch. 4 Chart on the different layers of atmosphere Geo- Chart on water resource and methods to conserve water. Activity- Terrerium making

OCTOBER	Geo: Ch. 6 Natural vegetation and wildlife History:- Ch. 6 Towns, traders and craft persons History - Ch.7 Tribals, nomads and settled communities	History - Project on architecture of temples and other buildings of Thanjavur and Hampi.
NOVEMBER **DECEMBER**	Geo:- Ch. 7 Human environment Geo:- Ch. 8 Human environment: tropical & sub tropical regions Pol. Sc:- Ch.6 Understanding media Pol. Sc:- Ch.7 Understanding advertising Geo:- Ch.9 Life in temperate grasslands Geo:- Ch.10 Life in deserts Pol. Sc:- Ch. 8 Markets around us Pol. Sc:- Ch.9 A shirt in the market	Geo:- Ch. 7 Project about the inventors of various things(H.HW) Pol.Sc:- Ch. 7 Project about commercial and social advertisement (H.HW) Geo:- Ch. 9 Map skills
JANUARY	History: Ch 8 Ch. 8 Devotional paths to the divine History - Ch. 10. 18th century pol. formation Pol.Sc:- Ch. 10 The struggle for Equality	History: Ch. 10 Collect popular tales from the following groups of people: the Rajputs, Jats, Sikhs or Marathas
FEBRUARY	REVISION	

SCIENCE

MONTH	CONTENT	Pedagogical Skills
APRIL	Chapter-1 Nutrition In Plants Chapter-17 Forests - OurLifeline	LabWork-Test Presence ofStarch Role Play-Food Chain PosterMaking
MAY	Chapter-6 PhysicalAnd ChemicalChanges Chapter-16Water-A PreciousResource	(LabWork)PhysicalAndChemicalChanges Presentation-GroupWork
JULY	Chapter-2 Nutrition In Animals Chapter-18WasteWaterStory	ModelOfDigestiveSystem ProjectWork-RainWaterHarvesting
AUGUST	Chapter – 3 Fiber to Fabric	Activity to distinguish between Artificial and natural silk
OCTOBER	Chapter-14 ElectricCurrentAndItsEffects	Model ofElectromagnet

NOVEMBER	Chapter-10Respiration in Organisms Chapter-13 Motion AndTime	ModelMaking-Respiratory System Presentation ByStudents(Group) LabWork-CalculateTime Period-Simple Pendulum
DECEMBER	Chapter-4 Heat Chapter-5 Acids, Bases And Salts	ModelMaking-FireAlarm (LabWork) TestFor AcidsAndBases Investigation-Properties of AcidsAndBase
JANUARY	Chapter-7 Weather, Climate and Adaptation of Animals to climate Chapter-15 Light	Project-CollectingInformation On Weather Changes (LabWork)PropertiesOfLight
FEBRUARY	Chapter-12 Reproduction In Plants Revision	(LabWork)Asexual Reproduction In Plants.

English				
Month	Reader	Grammar	Writing	Pedagogical Skills
April	• 1.Of Magic Lamps and Genies • 2.On the Grasshopper and Cricket(RFF) • 3.The Luncheon	• Pronouns • Tenses Preposition	• Diary Entry	• Poem Recitation
May	• 4.Somebody's Mother • 5.Father's Help	• Conjunction • Modals •	• Notice Writing	• Greeting Card Making
July	• 6.Binya's Blue Umbrella • 7. Just Me(RFF)	• Verbs • Adverbs	InformaL Letter Writing	• Project Work-Sportsperson • Debate
August	• 8.The Boy with a Catapult • 9.Adrift at Sea(RFF)	• Clauses • Adjective	Description Writing	• Story Telling • Elocution
September	• Revision for exam	• Revision	• Revision	
October	• 10.As I Grew Older • 11.The Face on the Wall	• Noun	• Notice • Story writing	• Poster Making on racism • Drawing book cover
November	• 12.When the Furniture Went Mad • 13.All the World's a Stage	• Determiners • Reported Speech • Subject Verb Agreement	• Character sketch writing	• Enactment
December	• 14.The Hunt • 15.Shillong:The Rock Capital of India(RFF)	• Sentence Reordering		• Poster Making • Group Discussion
January	• 16.To be a Lady	•		• Enactment
February	• Revision	•		•

हिंदी

कुलकार्यदिवस	पठन	लेखन	व्याकरण	शैक्षणिक कौशल
अप्रैल 24	1. हमपंछीउन्मुक्तगगनके 2. दादीमाँ बाल महाभारत	अनुच्छेद लेखन पठितगद्यांश श्रुतलेख	19.मौखिकअभिव्यक्ति 1. भाषाविचार 2. वर्णविचार 4.शब्दविचार	सामूहिकचर्चा वादविवाद
मई 20	3. हिमालयकीबेटियाँ 4. कठपुतली (RFF) 5. मिठाईवाला बाल महाभारत	पत्रलेखन (अनौपचारिक) निबंध लेखन श्रुतलेख	5.शब्दभंडार6.विविध 19. मुहावरेऔरलोकोक्तियाँ (भाग-1)	कवितावाचन फेरीवालोंकीदिनचर्या (वाद-विवाद)
जुलाई 25	6. रक्तऔरहमाराशरीर 7. पापाखोगए 8. शामएककिसान(RFF) 9. चिड़ियाकीबच्ची बाल महाभारत	पत्रलेखन(औपचारिक) अनुच्छेदलेखन (मेरे पापा) अपठितगद्यांश श्रुतलेख	8. संज्ञा 9.लिंग,वचन,कारक 10.सर्वनाम 11. विशेषण	प्राथमिकचिकित्सा (कार्ययोजना) लघुनाटिका
अगस्त 26	10. अपूर्वअनुभव (RFF) 11. रहीमकेदोहे 12. कंचा(RFF) 13. एकतिनका बाल महाभारत	अनुच्छेदलेखन निबंध लेखन अपठितगद्यांश पत्रलेखन श्रुतलेख	12. क्रिया 13. काल 3. संधि(भाग-1) 7.उपसर्ग ,प्रत्ययवसमास(भाग-1)	वाद -विवाद दोहावाचन
अक्टूबर 22	14. खानपानकीबदलतीतस्वीर 15. नीलकंठ बाल महाभारत	पत्रलेखन (अनौपचारिक) अपठितगद्यांश श्रुतलेख	15.अविकारीशब्द 16.वाक्य	सामूहिकचर्चा (फास्टफूड) वाद -विवाद
नवम्बर 22	16. भोरऔरबरखा बाल महाभारत	अनुच्छेदलेखन (गांवकीभोरकावर्णन) निबंधलेखन (स्वतंत्र दिवस)	18.विरामचिह्न 19. मुहावरेऔरलोकोक्तियाँ(भाग-2)	कवितावाचन भाषणकला (वीरसेनानियोंकायोगदान)
दिसंबर 20	17. वीरकुंवरसिंह 18. संघर्षकेकारण(धनराज) (RFF) बाल महाभारत	निबंधलेखन (खेलोंकामहत्व) पत्रलेखन श्रुतलेख	17.अशुद्धवाक्योंकासंशोधन	कार्ययोजना (प्रसिद्धखिलाडियोंसेसंबंधिततथ्य)
जनवरी 15	19. आश्रमकाअनुमानितव्यय(RFF)	अनुच्छेदलेखन (स्वदेशप्रेम) श्रुतलेख	15.अविकारीशब्द	प्रश्नोतरी प्रतियोगिता

	बाल महाभारत			
फरवरी 23	**20. विप्लवगायन**	**पत्रलेखन (अनौपचारिक) (समाजमेंफैलीबुराइयाँ)**	**3. संधि(भाग-2) 7.उपसर्ग ,प्रत्ययवसमास(भाग-2)**	**सामूहिकचर्चा (मेरा सपना)**