

M.G.M. HIGHER SECONDARY SCHOOL, B.S. CITY
SYLLABUS BREAK-UP YEAR : 2022-2023
CLASS : VIII

SUBJECT : ARTIFICIAL INTELLIGENCE

MONTH	WEEK	UNIT (INSPIRE)	ACTIVITY/SESSION
APRIL	2 nd	1. Excite	Session: Introduction to AI and setting up the context of the curriculum
	3 rd		Ice Breaker Activity: Dream Smart Home idea Learners to design a rough layout of floor plan of their dream smart home.
	4 th		Recommended Activity: The AI Game Learners to participate in three games based on different AI domains. <ul style="list-style-type: none"> • Game 1: Rock, Paper and Scissors (based on data) • Game 2: Mystery Animal (based on Natural Language Processing -NLP) • Game 3: Emoji Scavenger Hunt(based on Computer Vision -CV)
	5 th		Recommended Activity: AI Quiz (Paper Pen/Online Quiz)
MAY	1 st		Recommended Activity: To write a letter Writing a Letter to one's future self. Learners to write a letter to self-keeping the future in context. They will describe what they have learnt so far or what they would like to learn someday
	2 nd	2. Relate	Video Session: To watch a video Introducing the concept of Smart Cities, Smart Schools and Smart Homes
JUNE	1 st		Recommended Activity: To write an Interactive Story Learners to draw a floor plan of a Home/School/City and write an interactive story around it using Story Speaker extension in Google docs.
JUNE	5 th	3. Purpose	Session: Introduction to sustainable development goals

(P.T.O)

JULY	1 st		Recommended Activity: Go Goals Board Game Learners to answer questions on Sustainable Development Goals
	2 nd		17 Sustainable development goals and its implication for the betterment of society.
	3 rd	4. Possibilities	Session: Theme-based research and Case Studies <ul style="list-style-type: none"> Learners will listen to various case- studies of inspiring start-ups, companies or communities where AI has been involved in real-life.
	4 th		Recommended Activity: Job Ad Creating activity Learners to create a job advertisement for a firm describing the nature of job available and the skill-set required for it 10 years down the line. They need to figure out how AI is going to transform the nature of jobs and create the Ad accordingly.
	5 th	5. AI ethics	Recommended Activity: Ethics Awareness Students play the role of major stakeholders and they have to decide what is ethical and what is not for a given scenario.
	1 st		Session: AI Bias and AI Access <ul style="list-style-type: none"> Discussing about the possible bias in data collection Discussing about the implications of AI technology
AUG	2 nd		Recommended Activity: Balloon Debate <ul style="list-style-type: none"> Students divide in teams of 3 and 2 teams are given same theme. One team goes in affirmation to AI for their section while the other one goes against it.
	3 rd		They have to come up with their points as to why AI is beneficial / harmful for the society.
	4 th		Practical Work
	5 th		Project submission

M.G.M. HIGHER SECONDARY SCHOOL

SECTOR-IV/F, BOKARO STEEL CITY

SYLLABUS OF ART & CRAFT

CLASS-VIII-(2022-2023)

MONTH	WEEK	TOPIC
APRIL	1 ST	UNIT1-INTRODUCTION TO ART ELEMENTS OF ART
	2 ND	PERSPECTIVE
	3 RD	UNIT 2-STILL LIFE
	4 TH	STILL LIFE PG-13,14,15
MAY	1 ST	TRANSPORT PG 16,17
	2 ND	NATURAL FORMS FLOWERS PG18,19
	3 RD	SUMMER HOLIDAY ASSIGNMENT CHOOSE ANY 2 POT PAINTING, GLASS PAINTING, PEBBLE ART, COLLAGE, GLOVE PUPPET, SNOWMAN CRAFT
JUNE	4 TH	FLOWERY LANDSCAPE PG20
	5 TH	PLANTS AND TREES PG21
JULY	1 ST	HALF YEARLY EXAM TOPIC CHOOSE ANY ONE: 1.DRAW A STILL LIFE WITH PENCIL SKETCHING

		2.MAKE A COLLAGE OF LANDSCAPE OR NATURAL FORMS LIKE COMPOSITION OF FLOWERS,FRUITS ,BIRDS,ANIMALS ETC. CHART PAPER:1/4 TH SIZE SHEET
AUGUST	1 ST	TEST CONTINUED
	2 ND	TEST CONTINUED
	3 RD	NATURAL FORM PG22,23
	4 TH	CONTINUED
SEPTEMBER	1 ST	PEBBLE PATTERNS
	2 ND	POP UP CARD
	3 RD	GLASS PAINTING
	4 TH	PRESSED FLOWER CARD
OCTOBER	1 ST	ANIMALS AND BIRDS PG-31,32
	2 ND	CONTINUED-PG 33,34
	3 RD	DODO(PEN HATCHING -PG-35)
	4 TH	BIRD'S COMPOSITIONPG-36,37
NOVEMBER	1 ST	FISH
	2 ND	SEAL
	3 RD	FISH DECORATIONAL ART PG-40
	4 TH	HUMAN FIGURE PG 41,42
DECEMBER	1 ST	ANNUAL EXAM OF ART

		<p>CHOOSE ANY ONE:</p> <p>1.MAKE A GREETING CARD OF CHRISTMAS</p> <p>(POP UP CARD, PRESSED FLOWER CARD)</p> <p>2.FLOWER ARRANGEMENT WITH ARTIFICIAL FLOWERS</p> <p>3.EMBROIDERY PATTERNS PG64</p>
	2 ND	TEST CONTINUED
	3 RD	TEST CONTINUED
	4 TH	CHRISTMAS HOLIDAY
JANUARY	1 ST	HUMAN FACE(PG42)
	2 ND	MAN'S FACE WATER COLOUR
	3 RD	VILLAGER'S FACE
	4 TH	ANATOMY STUDY PG46,47
FEBRUARY	1 ST	SCENE OF MARKET PG51
	2 ND	CITYSCAPE PG54,55
	3 RD	<p>TIE AND DYE</p> <p>CRAYON SCRATCH PAINTING</p>



MGM HIGHER SECONDARY SCHOOL, B.S.CITY

SYLLABUS BREAK-UP YEAR 2022-2023

CLASS – VIII

SUBJECT – BIOLOGY

MONTH	WEEK	CHAPTER NO.	TOPIC/TOPIC NAME
APRIL	2 nd	1	Crop production and Management: Agricultural practices, Basic practices of crop production, preparation of soil.
	3 rd	1	Agricultural implements.
	4 th	1	Manure and fertilizers Irrigation-Traditional methods of Irrigation. (Collect the tools of traditional and modern methods irrigation two each photographs and prepare it in file and write comments upon it).
MAY	5 th	1	Modern methods of Irrigation. Protection from weeds.
	1 st	1	Storage, Food from animals.
	2 nd	2	Microorganisms : Friend and foe Introduction, Four major groups of microorganisms.
JUNE	3 rd	2	Habitats of microorganisms, friendly microorganisms .
	4 th	2	Commercial uses of microorganisms, medicinal uses of microorganisms.
	5 th	2	Vaccine, Increasing soil fertility
JULY	1 st	2	Harmful microorganisms...
	2 nd		Revision for first periodic examination.
	3 rd	2	Food preservation
	4 th	2	Nitrogen cycle
	5 th	7	Cell-Structure and function: Introduction, discovery of the cell. Variety in cell.
AUGUST	1 st	7	Cell-Structure and function - Parts of the cell.(Make a model of either plant cell or animal cell on chart paper using different colors for different organelles).
	2 nd	7	Cell membrane, Nucleus, function of nucleus.
	3 rd	7	Plant cell, Animal cell
	4 th	8	Comparison of plant and animal cell.
	5 th	8	Reproduction in Animals: Introduction, Modes of reproduction

OCTOBER	1 st	8	Male and female reproductive organ.
	2 nd	8	Fertilization-External and Internal.
	3 rd		Revision
	4 th		Half Yearly Examination
	5 th		Half Yearly Examination
NOVEMBER	2 nd	8	Development of Embryo, viviparous and oviparous animals, metamorphosis.
	3 rd	8	Asexual reproduction- Budding in Hydra, Binary fission in Amoeba.
	4 th	8	Story of Dolly-The Clone.
	5 th	10	Reaching the age of Adolescence: Adolescence and puberty.
	1 st	10	Changes at puberty. (Make a poster with different positive slogans –Say ‘NO’ to drugs and alcohol). Secondary sexual characteristics.
	2 nd	10	Role of hormones in initiating the reproductive function.
	3 rd	10	Reproductive phase of life in humans, Menstruation and Menopause,
	4 th	10	How is the Sex of a baby determined?
DECEMBER	5 th	10	Hormones other than sex hormones
	1 st	10	pituitary gland, thyroid gland, adrenal gland
	2 nd	10	Role of hormones in completing the life cycle of insects and frogs.
	3 rd	10	Reproductive health-Nutritional needs, Personal hygiene, Physical exercise. Say ‘NO’ to drugs and alcohol.
JANUARY	4 th	9	Conservation of plants and animals: Introduction, deforestation, deforestation and its causes.
	1 st	9	Consequences of deforestation. Conservation of forest and wildlife.
	2 nd	9	Biosphere reserve, Flora and Fauna, endemic species. National park.
	3 rd	9	Wildlife sanctuary.(Prepare a chart of biosphere reserve, their area, date of designation and location-at least ten biosphere reserve).Red data book, migration.
	4 th	9	Recycling of paper, Reforestation
	5 th	9	Textual exercises
FEBRUARY	1 st		Revision for Annual Exam
	2 nd		Revision for Annual Exam



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023
CLASS – VIII
SUBJECT – SANSKRIT

अप्रैल	द्वितीय	संकल्पम् पाठ 1	मङ्गलाचरणम्
		व्याकरणम् शब्द रूपाणि	पु०, (बालक) स्त्री० (लता) नपु० (फल)
	तृतीय	संकल्पम् पाठ 1 (शेष)	मङ्गलाचरणम्
		व्याकरणम् शब्द रूपाणि	सर्वनाम् (तत् पु०, स्त्री०)
	चतुर्थ	संकल्पम् पाठ 1 (शेष)	मङ्गलाचरणम्
		व्याकरणम् स्वर-संधिः	दीर्घः, गुणः
	पंचम	संकल्पम् पाठ 2	भावे हि विद्यते देवः
		व्याकरणम् स्वर-संधि	वृद्धिः
मई	प्रथम	संकल्पम् पाठ 2 (शेष)	भावे हि विद्यते देवः
		व्याकरणम् समय-लेखनम्	घटिका
	द्वितीय	संकल्पम् पाठ 2 (शेष)	भावे हि विद्यते देवः
		व्याकरणम् संख्याः	1- 25
जून	चतुर्थ	संकल्पम् पाठ 3	बलमसि बलं मयि धेहि
		व्याकरणम्- अव्ययाः	पुरा, उच्चैः, शनैः, नीचैः, अत्र, तत्र, कुत्र, कुतः, श्वः, ह्यः, अद्य, इतस्ततः, कदा, अपि, अधुना, विना, सह, कदापि, किमर्थम्, सहसा, सर्वदा, च, अन्तः, बहिः, सम्यक्
	पंचम	संकल्पम् पाठ 3 (शेष)	बलमसि बलं मयि धेहि
		रचनात्मक-कार्यम् अनुवादाः	संस्कृते

जुलाई	प्रथम	रचनात्मक—कार्यम्	चित्र—लेखनम्
	द्वितीय	रचनात्मक—कार्यम्	पत्र—लेखनम्
		रचनात्मक—कार्यम्	अपठित— गद्यांशः
	तृतीय	संकल्पम् पाठ 4	मूर्खमण्डलम्
		व्याकरणम् प्रत्यय	क्त्वा, तुमुन्, ल्यप्
	चतुर्थ	संकल्पम् पाठ 4 (शेष)	मूर्खमण्डलम्
		व्याकरणम् उपपदविभक्तयः	द्वितीया—उभयतः, परितः, प्रति, विना तृतीया— सह, अलम्, विना, अंगविकार चतुर्थी— नमः, रुच्, कुप्/क्रुध्, दा
	पंचम	संकल्पम् पाठ 5	ज्ञानामृतम्
		व्याकरणम् संख्याः	25—50
अगस्त	प्रथम	संकल्पम् पाठ 5 (शेष)	ज्ञानामृतम्
		व्याकरणम् उपसर्गाः	प्र, परा, अप, सम्, अनु, अव, निर्, अति, उप, वि, प्रति, सु, परि, आ
	द्वितीय	संकल्पम् पाठ 5 (शेष)	ज्ञानामृतम्
		व्याकरणम् शब्द रूपाणि	कवि, साधु, नदी, अस्मद् (तत् त्रिषु लिङ्गेषु)
	तृतीय	संकल्पम् पाठ 6	परोपकारार्थमिदं शरीरम्
		व्याकरणम् धातु रूपाणि	अस्, दृश्, गम्, पठ्, कृ (लट्, लृट्, लोट् लकारे)
	चतुर्थ	संकल्पम् पाठ 6 (शेष)	परोपकारार्थमिदं शरीरम्
		व्याकरणम् स्वर सन्धिः	दीर्घ, गुण, वृद्धि (पुनरावृत्ति)
	पंचम	संकल्पम् पाठ 6 (शेष)	परोपकारार्थमिदं शरीरम्

सितम्बर	प्रथम	संकल्पम्	पाठ 1, 2, 3	पुनरावृत्ति
	द्वितीय	व्याकरणम्	प्रत्ययः संख्याः समय-लेखनम् अव्ययाः	क्त्वा, तुमुन्, ल्यप् (पुनरावृत्ति) 25-50 (पुनरावृत्ति) घटिका (पुनरावृत्ति)
	तृतीय	संकल्पम्	पाठ 4, 5, 6	(पुनरावृत्ति)
		व्याकरणम्	उपसर्गाः उपपदविभक्तयः शब्द रूपाणि धातु रूपाणि	(पुनरावृत्ति) (पुनरावृत्ति) (पुनरावृत्ति) (पुनरावृत्ति)
		HALF YEARLY		EXAM
अक्टूबर	प्रथम	संकल्पम्	पाठ-7	सायं वेला
	द्वितीय	संकल्पम्	पाठ-7 (शेष)	सायं वेला
		व्याकरणम्	स्वर संधि	यण्, अयादि
	तृतीय	संकल्पम्	पाठ-7 (शेष)	सायं वेला
नवम्बर		व्याकरणम्	उपपदविभक्तयः	पंचमी- भी, बहिः, अनन्तरम् षष्ठी- उपरि, अधः, पुरतः, निर्धारणे सप्तमी- कुशल, वि-श्वस्, स्निह
	प्रथम	संकल्पम्	पाठ-8	यक्षयुधिष्ठिरसंवादः
		व्याकरणम्-	शब्दरूपाणि	किम् (त्रिषु लिंगेषु) युष्मद्
	द्वितीय	संकल्पम्	पाठ-8 (शेष)	यक्षयुधिष्ठिरसंवादः
		व्याकरणम्	शब्दरूपाणि	बालक, लता, फल, साधु
	तृतीय	संकल्पम्	पाठ-8 (शेष)	यक्षयुधिष्ठिरसंवादः
		रचनात्मक-कार्यम्		पत्र-लेखनम्, चित्र-लेखनम्
	चतुर्थ	संकल्पम्	पाठ-9	कृपणदम्पती
		रचनात्मक-कार्यम्	अनुवादाः	संस्कृते
	पंचम	संकल्पम्	पाठ-9 (शेष)	कृपणदम्पती
		व्याकरणम्	धातु रूपाणि	अस्, दृश्, गम्, पठ्, कृ (लंग, विधिलिङ्ग लकारे)

दिसम्बर	प्रथम	संकल्पम् पाठ-10	दुर्बोधाः शिशवः खलु
		व्याकरणम् संख्याः	51-100
	द्वितीय	संकल्पम् पाठ-10 (शेष)	दुर्बोधाः शिशवः खलु
		व्याकरणम् स्वर संधि	यण्, अयादि (पुनरावृत्ति)
	तृतीय	संकल्पम् पाठ-11	लोकोक्तयः
		व्याकरणम्- प्रत्ययः	क्त्वा, तुमुन्, ल्यप् (पुनरावृत्ति)
	चतुर्थ	संकल्पम् पाठ-11 (शेष)	लोकोक्तयः
		व्याकरणम् उपसर्गाः उपपदविभक्तयः	(पुनरावृत्ति) (पुनरावृत्ति)
जनवरी	प्रथम	संकल्पम् पाठ-12	विश्वसंस्कृतम्
		व्याकरणम् धातुरूपाणि	पुनरावृत्ति
	द्वितीय	संकल्पम् पाठ-12 (शेष)	विश्वसंस्कृतम्
		व्याकरणम् शब्दरूपाणि	पुनरावृत्ति
	तृतीय	संकल्पम् पाठ-12 (शेष)	विश्वसंस्कृतम्
		रचनात्मक-कार्यम्	पुनरावृत्ति
	चतुर्थ	संकल्पम् पाठ-7, 8	पुनरावृत्ति
		व्याकरणम् प्रत्यय	पुनरावृत्ति
फरवरी	प्रथम	संकल्पम् पाठ-9, 10	पुनरावृत्ति
		व्याकरणम् उपपदविभक्तयः	पुनरावृत्ति
	द्वितीय	संकल्पम् पाठ-11	पुनरावृत्ति
		व्याकरणम् संधिः	पुनरावृत्ति
	तृतीय	संकल्पम् पाठ-12	पुनरावृत्ति
		व्याकरणम् समय-लेखनम् अव्ययाः	पुनरावृत्ति पुनरावृत्ति
		ANNUAL	EXAM

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MGM HIGHER SECONDARY SCHOOL, B S CITY**TERM WISE PORTION : 2022-2023****CLASS – VIII****SUB :- SANSKRIT**

1st Periodic	अपठित – अवबोधनम्	अपठित – गद्यांशम्	5
	रचनात्मक – कार्यम्	1) पत्र – लेखनम्	5
		2) चित्र – लेखनम्	5
		3) अनुवादाः—संस्कृते	5
	अनुप्रयुक्त—व्याकरण	1)स्वरःसन्धिः—दीर्घ, गुण, वृद्धि 2) संख्याः— (1–25) 3) घटिका 4) अव्ययाः 5)शब्दरूपाणि— बालक, फल, लता (तत्—पुल्लिङ्ग, स्त्रीलिङ्ग)	15
Half yearly Exam	पठित—अवबोधनम्	पाठ 1— मङ्गलाचरणम् पाठ 2— भावे हि विद्यते देवः पाठ 3— बलमसि बलं मयि धेहि	15
	अपठित—अवबोधनम्	अपठित—गद्यांशम्	5
	रचनात्मक – कार्यम्	1) पत्र लेखनम्	5
		2) चित्र—लेखनम्	5
		3) अनुवादाः—संस्कृते	5
	अनुप्रयुक्त व्याकरणम्	1) स्वरःसन्धिः—दीर्घ, गुण, वृद्धि 2) उपसर्गाः— प्र, परा, अप्, सम्, अनु, अव, निर्, अति, उप, वि प्रति, सु, उत्, परि, आ 3) प्रत्ययाः— क्त्वा, तुमुन्, ल्यप् 4) संख्याः— (25–50) 5) घटिका 6) अव्ययाः 7) उपपद विभक्तयः— द्वितीया—उभयतः, परितः, प्रति, विना तृतीया— सह, अलम्, विना, अंगविकार चतुर्थी— नमः, रुच्, कुप्/क्रुध्, दा 8)शब्दरूपाणि—कवि, साधु, नदी, अस्मद् (तत्—पुल्लिङ्ग, स्त्रीलिङ्ग, नपुंसकलिङ्गे) 9) धातु रूपाणि— अस्, पठ्, दृश्, गम्, नम्, कृ (लट्, लृट्, लोट्, लकारे)	30
	पठित अवबोधनम्	पाठ 1— मङ्गलाचरणम् पाठ 2— भावे हि विद्यते देवः पाठ 3— बलमसि बलं मयि धेहि पाठ 4— मूर्खमण्डलम् पाठ 5— ज्ञानामृतम् पाठ 6— परोपकारार्थमिदं शरीरम्	30

2 nd Periodic	अपठित अवबोधनम्	अपठित गद्यांशम्	5
	रचनात्मक – कार्यम्	1) पत्र लेखनम्, 2) चित्र-लेखनम् 3) अनुवादाः- संस्कृते	5 5 5
	अनुप्रयुक्त व्याकरणम्	1) स्वरः सन्धिः- यण्, अयादि 2) उपपदविभक्तयः- पंचमी- भी, बहिः, अनन्तरम्, षष्ठी- उपरि, अधः, पुरतः, निर्धारणे सप्तमी- कुशल, वि-श्वस्, स्निह 3)संख्याः- (51-75) 4) शब्दरूपाणि- किम् (त्रिषु लिंगेषु) युष्मद् 5) धातुरूपाणि- अस्, पठ्, गम्, नम्, कृ (लङ्ग, विधिलिङ्गे)	15
	पठित अवबोधनम्	पाठ 7- सायं वेला पाठ 8- यक्षयुधिष्ठिरसंवादः पाठ 9- कृपणदम्पती	15
Annual Exam			
	अपठित अवबोधनम्	अपठित गद्यांशम्	5
	रचनात्मक कार्यम्	1) पत्र-लेखनम्, 2) चित्र – लेखनम् 3) अनुवादाः- संस्कृते	5 5 5
	अनुप्रयुक्त व्याकरणम्	1) स्वरःसन्धिः- यण्, अयादि 2) उपसर्गाः- प्र, परा, अप्, सम्, अनु, अव, निर्, अति, उप, वि, प्रति, सु, उत्, परि, आ 3) प्रत्ययाः- क्त्वा, तुमुन्, ल्यप् 4) संख्याः- (51-100) 5) घटिका 6) अव्ययाः 7) उपपद विभक्तयः- पंचमी- भी, बहिः, अनन्तरम्, षष्ठी- उपरि, अधः, पुरतः, निर्धारणे सप्तमी- कुशल, वि-श्वस्, स्निह 8) शब्दरूपाणि-बालक, लता, फल, साधु किम्(त्रिषु लिंगेषु) 9)धातुरूपाणि-अस्,पठ्,गम्, नम्, कृ (लङ्ग,विधिलिङ्गे)	30
	पठित अवबोधनम्	पाठ 7- सायं वेला पाठ 8- यक्षयुधिष्ठिरसंवादः पाठ 9- कृपणदम्पती पाठ 10-दुर्बोधाः शिशवः खलु पाठ 11-लोकोक्तयः पाठ 12-विश्वसंस्कृतम्	30



MGM HIGHER SECONDARY SCHOOL, B.S.CITY

SYLLABUS BREAK-UP YEAR 2022-2023

CLASS – VIII

SUBJECT – COMPUTER SCIENCE

MONTH	WEEK	CHAPTER NO.	CHAPTER NAME/TOPIC NAME
APRIL	2 nd	Chapter-1	<u>LATEST TECHNOLOGICAL DEVELOPMENTS</u> Artificial Intelligence, Augmented Reality & Virtual Reality.
	3 rd	Chapter-1	Internet of Things, 3D Printing, Robotic Process Automation. Exercise of the chapter.
	4 th	Chapter-2	<u>COMPUTER NETWORKING</u> Need, Advantages & Components of a Network.
	5 th	Chapter-2	Network Terminology – Client, Server, Internet, Intranet, URL, ISP, DNS, IP Address, Web Page, Link
MAY	1 st	Chapter-2	Devices required for a Network – NIC, Hub, Router, Modem, Gateway, Types of Networks.
	2 nd	Chapter-2	Topology, Network Architecture, Wireless Networking Technology, Protocol. Exercise of the chapter.
JUNE	4 th	Chapter-3	<u>WORKING WITH ACCESS 2016</u> Concept of a Database, Advantages, Types of Database, and Terms related to a Database.
	5 th	Chapter-3	Access 2016, Components of Access 2016, Creating a Database, Data Types in Access 2016.
JULY	1 st	Chapter-3	Types of Views in Access, Rules for writing a field name, Creating a Table, Opening & Exiting Access.
	2 nd	Chapter-3	Exercise of the chapter.
	3 rd	Chapter-4	<u>MORE ON ACCESS</u> Forms in Access – Creating a Form, Types of Forms, Viewing the Records.
	4 th	Chapter-4	Queries in Access – Types of Queries, Setting up Relationships, Creating a Query.
	5 th	Chapter-4	Reports in Access – Creating a Report.
AUGUST	1 st	Chapter-4	Exercises of the chapter.
	2 nd	Chapter-5	<u>MORE ON HTML</u> Introduction To HTML, Tags & Attributes, Rules for writing HTML codes.
	3 rd	Chapter-5	Designing a Web Page, Creating Lists, Creating Tables, Viewing a Web Page.
	4 th	Chapter-5	Inserting images, Creating Marquee,
	5 th	Chapter-5	Linking Web Pages, Anchor Tag, Frames.

SEPTEMBER	1 st &2 nd	Chapter-5	Exercises of the chapter.
	3 rd		REVISION FOR HALF YEARLY EXAM
	4 th		HALF YEARLY EXAM
	5 th	Chapter-6	<u>INTRODUCTION TO PHOTOSHOP</u> Features of Photoshop, Creating a new document, Adobe Photoshop CC 2018 Interface, Tools in Photoshop – Move Tool & Marquee Tool.
OCTOBER	2 nd &3 rd	Chapter-6	Cropping Tools, Brush Tool, Pencil Tool, Color Replacement Tool, Inserting Text. Exercise of the Chapter.
	4 th	Chapter-7	<u>MORE ON PHOTOSHOP CC</u> Layers in Photoshop, Painting Tools – Eyedropper Tool, Color Sampler Tool, Eraser Tool.
	5 th	Chapter-7	Retouching Tools – Spot Healing Tool, Patch Tool, Clone Stamp Tool, Red Eye Tool, Smudge Tool.
NOVEMBER	1 st	Chapter-7	Drawing Tools, Shape Tools, Navigation Tools.
	2 nd	Chapter-7	Exercise of the Chapter.
	3 rd	Chapter-8	<u>MORE ON PYTHON</u> Operators in Python – Arithmetic, Relational, Logical Operators.
	4 th	Chapter-8	Operator Precedence, Conditional Statements – IF, IF...ELSE, IF...ELIF...ELSE Statements.
	5 th	Chapter-8	Exercise of the Chapter
DECEMBER	1 st	Chapter-9	<u>LOOPS IN PYTHON</u> Iterative Statements, Types of Iterative Statements.
	2 nd	Chapter-9	The For Loop – Using “in” with For Loop, Using Range () Function with For Loop.
	3 rd	Chapter-9	The While Loop, Infinite Loop, Loop with Else Statement.
	4 th	Chapter-9	Exercises of the Chapter.
JANUARY	1 st	Chapter-10	<u>ROBOTICS AND AI</u> Birth of Artificial Intelligence, Implementing AI, What can AI do today?
	2 nd	Chapter-10	Philosophers views on AI – Weak AI, Strong AI, and Conclusion.
	3 rd	Chapter-10	Robots and Robotics, Uses of Robotics, Androids, Mechatronics.
	4 th	Chapter-10	Exercises of the Chapter.

M.G.M. HIGHER SECONDARY SCHOOL, B.S.CITY

PORTION OF EXAM WITH MARK WEIGHTAGE FOR YEAR : 2022-23

CLASS – VIII

SUB : CHEMISTRY

EXAM	CHAPTER NO	NAME OF CHAPTER	MARK WEIGHTAGE
1 ST PERIODIC (18 th July 2022)	3	Synthetic fibres and plastic	16 M
HALF YEARLY (from 19 th September 2022)	3	Synthetic fibres and plastic	06 M
	4	Metals and non metals	10 M
	5	Coal and petroleum	10 M
2 ND PERIODIC (28 th Nov 2022)	6	Combustion and flame	16 M
ANNUAL EXAM (from 22 nd Feb,2023)	4	Metals and non metals	05 M
	6	Combustion and flame	05 M
	14	Chemical effect of electric current	08 M
	18	Pollution of air and water	08 M

M.G.M. HIGHER SECONDARY SCHOOL, B.S.CITY

PORTION OF EXAM WITH MARK WEIGHTAGE FOR YEAR 2022-23

CLASS – VIII (PHYSICS)

EXAM	CHAPTER NO	NAME OF CHAPTER	MARK WEIGHTAGE
1 ST PERIODIC(18 th July 2022)	11	Force and pressure	16 M
HALF YEARLY (from 19 th September 2022)	11	Force and pressure	06 M
	12	Friction	10 M
	13	Sound	10 M
2 ND PERIODIC(28 th Nov 2022)	16	Light	16 M
ANNUAL EXAM (from 22 nd Feb,2023)	12	Friction	05 M
	15	Some natural phenomena	08 M
	16	Light	05 M
	17	Stars and solar system	08 M



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023
CLASS – VIII
SUBJECT – MORAL SCIENCE

MONTH	WEEK	CHAPTER NUMBER	TOPICS
APRIL	4 th	Chapter 1	The highest human virtue
	5 th	Chapter 2	Rightful living
MAY	1 st	Chapter 3	Speak the truth
JULY	1 st	Chapter 4	The key to Success
	3 rd	Chapter 6	Love for country
AUGUST	2 nd	Chapter 8	The magical force
	4 th		REVISION
SEPTEMBER	2 nd		
OCTOBER	1 st	Chapter 10	Be good to others
	3 rd	Chapter 11	The strength of character
NOVEMBER	1 st	Chapter 12	Serving the Elderly
	3 rd	Chapter 13	Live Sensibly
DECEMBER	1 st	Chapter 14	All are equal
	3 rd	Chapter 15	Nelson Mandela
JANUARY	2 st		REVISION

PORTION FOR ASSESSMENT 1

Chapter 1	The highest human virtue
Chapter 2	Rightful living
Chapter 3	Speak the truth
Chapter 4	The key to Success
Chapter 6	Love for country
Chapter 8	The magical force
ASSESSMENT - 2	
Chapter 10	Be good to others
Chapter 11	The strength of character
Chapter 12	Serving the Elderly
Chapter 13	Live Sensibly
Chapter 14	All are equal
Chapter 15	Nelson Mandela

M.G.M HIGHER SECONDARY SCHOOL, B.S.CITY
PORTION OF EXAM WITH MARK WEIGHTAGE FOR YEAR : 2022-23
CLASS – VIII
SUBJECT – SOCIAL SCIENCE

EXAM	CHAPTER NO.	NAME OF CHAPTER	MARKS WEIGHTAGE
1 st Periodic	Chapter-2(H)	The Expansion of British Power	9M
	Chapter-3(H)	Life in the Rural Areas	8M
	Chapter-1(C)	The Constitution and the Need for Laws	8M
	Chapter- 2(C)	Ideals of Our Constitution	8M
	Chapter-1(G)	Resources	7M
	Chapter-2(G)	Natural Resources-Land, Soil and Water	5M
	Chapter-3(G)	Natural Resources-Natural Vegetation and Wildlife	5M
Half Yearly	Chapter-2(H)	The Expansion of British Power	3M
	Chapter-3(H)	Life in the Rural Areas	4M
	Chapter-7(H)	Education and British Rule	4M
	Chapter-5(H)	Crafts and Industries	8M
	Chapter-6(H)	The Great Uprising	8M(6+2)
	Chapter-1(C)	The Constitution and the Need for Laws	2M
	Chapter- 2(C)	Ideals of Our Constitution	7M
	Chapter-3(C)	The Parliamentary System	8M
	Chapter-4(C)	The Judiciary	8M
	Chapter-1(G)	Resources	4M
	Chapter-2(G)	Natural Resources-Land, Soil and Water	5M(4+1)
	Chapter-3(G)	Natural Resources-Natural Vegetation and Wildlife	3M
	Chapter-4(G)	Minerals and Power Resources	7M(6+1)
	Chapter-5(G)	Agriculture	9M(8+1)
2 nd Periodic	Chapter-9(H)	Colonialism and urban change	10M
	Chapter-8(H)	Reforms in Indian Society	10M
	Chapter-5(C)	The Police and the Courts	10M
	Chapter-7(G)	Manufacturing Industries	10M
	Chapter-6(G)	Major Crops and Agricultural Development	10M
ANNUAL EXAM	Chapter-7(H)	Education and British Rule	5M
	Chapter-8(H)	Reforms in Indian Society	5M
	Chapter-9(H)	Colonialism and Urban Change	6M
	Chapter-11(H)	The National Movement: First Phase	4M
	Chapter-12(H)	The National Movement: Second Phase	8M(6+2)
	Chapter-2(C)	Ideals of Our Constitution	5M
	Chapter-5(C)	The Police and the Courts	7M
	Chapter-7(C)	Untouchability-A Social Evil	6M
	Chapter-8(C)	Government for Development	7M
	Chapter-1(G)	Resources	6M
	Chapter-6(G)	Major Crops and Agricultural Development	7M(3+1)
	Chapter-7(G)	Manufacturing Industries	8M(6+2)
	Chapter-9(G)	Human Resources	6M

Note:

1. **For Half Yearly**, 5M is for Map (2M from History & 3M from Geography)
From History-Ch 6(The Great Uprising)
From Geography-Ch 2, Ch4, Ch5 (1M each)
2. **For Annual Exam**, 5M is for Map (2M from History & 3M from Geography)
From History-Ch 12(2M)
From Geography-Ch 6(1M), Ch7 (2M)
3. H-History
C-Civics
G-Geography

M.G.M HIGHER SECONDARY SCHOOL, B.S.CITY
PORTION OF EXAM WITH MARK WEIGHTAGE FOR YEAR : 2022-23
CLASS – VIII
SUBJECT – BIOLOGY

EXAM	CHAPTER NO.	NAME OF CHAPTER	MARKS WEIGHTAGE
1 st Periodic	Chapter-1	Crop Production and management.	18
HALF YEARLY	Chapter-1	Crop Production and management.	10
	Chapter-2	Microorganisms-Friend and Foe	10
	Chapter-8	Cell : Structure and functions	8
2 nd Periodic	Chapter-9	Reproduction in Animals.	18
ANNUAL EXAM	Chapter-9	Reproduction in Animals.	7
	Chapter-10	Reaching the age of adolescence	6
	Chapter-7	Conservation of Plants and Animals	8
	Chapter-8	Cell : Structure and functions	7

MGM HIGHER SECONDARY SCHOOL, B.S.CITY
PORTION OF EXAM WITH MARKS WEIGHTAGE FOR YEAR 2022-2023
CLASS – VIII
SUBJECT – COMPUTER SCIENCE

EXAM	CHAPTER NO.	NAME OF CHAPTER	MARKS WEIGHTAGE
HALF YEARLY	Chapter-1	LATEST TECHNOLOGICAL DEVELOPMENTS	4
	Chapter-2	COMPUTER NETWORKING	5
	Chapter-3	WORKING WITH ACCESS 2016	6
	Chapter-4	MORE ON ACCESS	5
	Chapter-5	MORE ON HTML	7
		Total	25
ANNUAL EXAM	Chapter-6	INTRODUCTION TO PHOTOSHOP	6
	Chapter-7	MORE ON PHOTOSHOP CC	4
	Chapter-8	MORE ON PYTHON	6
	Chapter-9	LOOPS IN PYTHON	5
	Chapter-10	ROBOTICS AND AI	4
		Total	25



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023
CLASS – VIII
SUBJECT – SOCIAL SCIENCE

MONTH	WEEK	CHAPTERS	TOPICS
APRIL	2 nd	Geog: L-1	Resources
	3 rd	Civics: L-1	The Constitution and Need for Laws
	4 th	History: L-2	The Expansion of British Power
	5 th	History: L-2	The Expansion of British Power
MAY	1 st	Geog: L-2	Natural Resources -Land, Water and Soil
	2 nd	Geog: L-2	Natural Resources -Land, Water and Soil
	4 th	History: L-3	Life in the Rural Areas
JUNE	5 th	Civics: L-2	Ideals of our Constitution
JULY	1 st	Geog: L-3	Natural Resources- Natural vegetation and wildlife
	2 nd	Geog: L-3	Natural Resources- Natural vegetation and wildlife
JULY	2 nd & 3 rd	REVISION	REVISION FOR FIRST PERIODIC TEST
	4 th		FIRST PERIODIC TEST
	4 th	Civics: L-3	The Parliamentary System
	5 th	Civics: L-3	The Parliamentary System
AUGUST	1 st	Geog: L-4	Minerals and Power Resources
	2 nd	History: L-5	Crafts and Industries
	2 nd	History: L-5	Crafts and Industries
	3 rd	Civics: L-4	The Judiciary
	4 th	History: L-6	The Great Uprising

(P.T.O)

SEPTEMBER	1 st	Geog: L- 5	Agriculture
	2 nd	Geog: L- 5	Agriculture
	2 nd & 3 rd	History:L-7	Education and British Rule
	4 th & 5 th		Half Yearly Examination
OCTOBER	3 rd	Civics: L-5	The Police and the Courts
NOVEMBER	4 th	Civics: L-5	The Police and the Courts
	5 th	History: L-8	Reforms in Indian Society
	1 st	History: L-8	Reforms in Indian Society
	2 nd	Geog: L-7	Manufacturing Industries
	3 rd	Geog: L-6	Major Crops and Agricultural Development
	4 th	History: L-9	Colonialism and Urban Change
	5 th		Revision
DECEMBER	1 st		SECOND PERIODIC TEST
	1 st & 2 nd	History: L-11	The National Movement: First Phase
	3 rd & 4 th	History: L-12	The National Movement: Second Phase
	4 th	History: L-12	The National Movement: Second Phase
JANUARY	1 st	Civics: L-7	Untouchability -A Social Evil
	2 nd	Geog: L-9	Human Resources
	3 rd	Geog: L-9	Human Resources
	4 th & 5 th	Civics: L-8	Government for Development (Completion of syllabus)
FEB	1 st		REVISION FOR ANNUAL EXAMINATION
	2 nd		REVISION FOR ANNUAL EXAMINATION
	3 rd		REVISION FOR ANNUAL EXAMINATION
	4 th		ANNUAL EXAMINATION



MGM HIGHER SECONDARY SCHOOL, B.S.CITY

SYLLABUS BREAK-UP YEAR 2022-2023

CLASS – VIII

SUBJECT – CHEMISTRY

MONTH	WEEK	CHAPTER NO	CHAPTER NAME
			Synthetic fibres and plastic
APRIL	2 nd Week	3	Characteristics of Synthetic fibres
	3 rd Week	3	Types of Synthetic fibres and plastic
	4 th Week	3	Polymers and plastics
	5 th Week	3	Q/A Synthetic fibres and plastic
MAY	1 st Week	4	Metals and non metals
	2 nd Week	4	Physical properties of Metals and non metals
JUNE	4 th Week	4	Chemical properties of Metals and non metals
	5 th Week	4	Chemical properties of Metals and non metals
			Uses of Metals and non metals
JULY	1 st Week	4	Q/A of Metals and non metals
	2 nd Week	4	Q/A of Metals and non metals
	3 rd Week	5	Coal and petroleum
	4 th Week	5	Formation of Coal in nature
	5 th Week	5	Types of Coal and its properties
AUGUST	1 st Week	5	Uses of Coal
	2 nd Week	5	Formation of petroleum
	3 rd Week	5	Petroleum refining and petrochemicals
	4 th Week	5	Q/A of Coal and petroleum
	5 th Week	3	R E V I S I O N
SEPTEMBER	1 st Week	4	R E V I S I O N
	2 nd Week	5	R E V I S I O N
OCTOBER	1 st Week	6	Combustion and flame
	2 nd Week	6	Conditions of Combustion
	3 rd Week	6	Flame and its structure
	4 th Week	6	Fire extinguisher –functions
NOVEMBER	1 st Week	6	Q/A of Combustion and flame
	2 nd Week	14	Chemical effect of electric current
	3 rd Week	14	Types of electrolytes
	4-5 th Week	14	Concepts of electrolytic cell
DECEMBER	1 st Week	14	electroplating methods and its uses
	2 nd Week	14	Electrolysis and electro refining
	3 rd Week	14	Q/A of Chemical effect of electric current
JANUARY	1 st Week	18	Pollution of air and water
	2 nd Week	18	Causes and remedies of air pollution
	3 rd Week	18	Effects of air pollution and its control
	4 th Week	18	Causes and remedies of water pollution
	5 th Week	18	Effects of air pollution and its control Q/A
FEBRUARY			R E V I S I O N and FINAL EXAMINATION
TERM I	Activity 1) Identify various types of fibers . 2) Study various chemical properties of metals		
TERM II	Activity 1) Study types of flame. 2) How copper is electroplated over another metal.		



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023
CLASS – VIII
SUBJECT – PHYSICS

MONTH	WEEK	CHAPTER NO	CHAPTER NAME
			L11-Force and pressure Introduction, concept of force
APRIL	2 nd Week	11	Push and pull ,balanced and unbalanced force
	3 rd Week	11	Effects of force and contact and non contact force
	4 th Week	11	Pressure- concepts ,measurement and dependence
	5 th Week	11	Force and pressure Q/A ACTIVITY 1
MAY	1 st Week	12	L12-Friction Introduction, concept of friction
	2 nd Week	12	Causes of friction, factors effecting friction
JUNE	4 th Week	12	Types of friction, friction is a necessary evil
	5 th Week	12	Ways to increase/decrease friction
			Fluid friction ACTIVITY 2
JULY	1 st Week	12	Friction Q/A
	2 nd Week	13	L13-Sound Introduction , how sound is produced
	3 rd Week	13	Propagation of sound, Bell jar experiment
	4 th Week	13	Characteristics of sound waves
	5 th Week	13	Amplitude, frequency, time period etc numericals
AUGUST	1 st Week	13	Different types sound producing instruments
	2 nd Week	13	Pollution of sound – effects and remedies
	3 rd Week	13	Sound Q/A
	4 th Week	13	Doubt clearing classes of half yearly portion
	5 th Week	11	R E V I S I O N L-11
SEPTEMBER	1 st Week	12	R E V I S I O N L-12
	2 nd Week	13	R E V I S I O N L-13
OCTOBER	1 st Week	16	L16-LIGHT Introduction ,form of energy
	2 nd Week	16	Laws of reflection and its verification ACTIVITY 1
	3 rd Week	16	Multiple reflections and number of images
	4 th Week	16	Instruments based on reflection of light ,eye
NOVEMBER	1 st Week	16	Components of eye and their functions, eye defects
	2 nd Week	16	Light Q/A
	3 rd Week	15	L15-Some natural phenomena Introduction , charge
	4-5 th Week	15	Static electricity, electroscope and its uses
DECEMBER	1 st Week	15	Lightning cause and protection ,earthquake
	2 nd Week	15	Preventions during earthquake, storms etc
	3 rd Week	15	Some natural phenomena Q/A
JANUARY	1 st Week	17	L17-Stars and the solar system Introduction ,universe
	2 nd Week	17	Components of universe, stars, galaxy, meteors ,comets
	3 rd Week	17	Constellations –various constellations ACTIVITY 2
	4 th Week	17	Solar system and planets
	5 th Week	17	Stars and the solar system Q/A
FEBUARY			R E V S I O N and FINAL EXAMINATION
TERM I	ACTIVITY- 1) To observe air exert pressure.2)To show rolling friction is less than sliding friction.		
TERM II	ACTIVITY- 1) To prove the laws of reflection. 2)To draw various constellations		



MGM HIGHER SECONDARY SCHOOL, B.S.CITY

SYLLABUS BREAK-UP YEAR 2022-2023

CLASS – VIII

SUBJECT – MATHEMATICS

MONTH	WEEK	CHAPTER NAME	TOPICS
APRIL	2 nd / 3 rd	1. Rational numbers	Introduction, comparison of rational numbers, Representation of rational numbers on the real line, properties of rational numbers Finding large number of rational numbers between two given rational numbers Word problems
	4 th	2. Exponents	Laws of exponents Expressing very large no s. in standard form Properties of perfect squares.
		3. Squares and square roots	To show that given number is a perfect square.
	5 th		Short cut method of finding square number Finding square root 1. Prime Factorisation method 2. Long division method
MAY	1 st	4. Cubes and cube roots	Finding 1. cubes of a given numbers 2. cube root
	2 nd	21. Data handling	Construction of 1. frequency distribution table. 2. Histogram
JUNE	4 th	5. Playing with numbers	Test of divisibility Replacing alphabets by suitable numerals
	5 th	6. Operation on algebraic expressions	Addition and subtraction
JULY	1 st / 2 nd	6. Operation on algebraic expressions	Multiplication and division Special identities
	3 rd	7. Factorisation	Factorisation using common factors Factorisation of quadratic trinomials
	4 th	8. Linear equations	Solving equations
	5 th		Application of linear equations
AUGUST	1 st	14. Polygons	Interior and exterior angles, diagonal & sides of a regular polygon
	2 nd	15. Quadrilaterals	Angle sum property of a quadrilaterals, Finding angles of a quadrilaterals
	3 rd	17. Constructions	Construction of a quadrilaterals
	4 th		Construction of special types of a quadrilaterals
	5 th	25. Probability	Introduction, Some experiments and their outcomes
			(P.T.O)

September	1 st /2 nd	9. percentage	Finding percentage of a given number Word problems
	3 rd		Revision
	4 th & 5 th		Half yearly examination
October	1 st /2 nd 3 rd	10. Profit & Loss	Finding profit , Loss , CP & SP , Discount , Sales tax
	4 th / 5 th	11. Compound Interest	Calculating Compound interest by using formula Interest compounded half yearly and quarterly
November	1 ^s	12. Direct and Inverse proportions	Problems on direct proportions
	2 nd		Problems on inverse proportions
	3 rd	13. Time and work	Problems on time and work, pipes and cisten
	4 th	16. Parallelograms	Introduction & problems based on parallelograms
	5 th	18. Area of trapezium and a polygon	Finding area of a trapezium, polygon
December	1 st	19. Three dimensional figures	Eulers relation for 3D figures
	2 nd	20. Volume and surface area of a solids	Volume of a cube & cuboid
	3 rd		Volume of a cylinder
	4 th	22. Introduction to co ordinate geometry	Ploting points on the co-ordinate axes
January	2 nd	23. Line graphs and linear graphs	Construction of graphs
	3 rd	24. Pie chart	Construction of pie charts
	4 th		REVISION FOR FINAL EXAM

PORTION OF EXAM WITH MARKS WEIGHTAGE FOR YEAR 2022-23

Exam	Chapter number/ name	Mark allotted
1 st Periodic	1.Rational Numbers	12
	2.Exponents	10
	3.Squares and square roots	12
	4.Cube and cube roots	8
	21. Data handling	8
Half yearly	1.Rational Numbers	8
	2.Exponents	6
	3.Squares and square roots	8
	4.Cube and cube roots	6
	5.Playing with numbers	3
	6.Operation on Algebraic expression	8
	7.Factorization	8
	8.Linear equation	8
	14.Polygon	5
	15.Quadrilaterals	5
	17.Construction of quadrilaterals	6
	21.Data handling	6
	25.Probability	3
2 nd Periodic	9.Percentage	10
	10.Profit and Loss	14
	11.Compound Interest	10
	12.Direct and inverse proportions	10
	13. Time and work	06
Annual exam	7. Factorization	9
	8. Linear equation	10
	9.Percentage	5
	10.Profit and Loss	6
	11.Compound Interest	5
	12.Direct and inverse proportions	5
	13. Time and work	5
	15.Quadrilaterals	5
	16. Parallelograms	4
	18. Area of a trapezium and a polygon	5
	19. Three dimensional figures	3
	20. Volume and surface area of solids	8
	22. Introduction to coordinate geometry	3
	23. Line graphs and linear graphs	3
	24.Pie charts	4



M.G.M. HIGHER SECONDARY SCHOOL, B.S. CITY
SYLLABUS BREAK UP OF CLASS VIII & SUBJECT : DATA SCIENCE

MONTH	WEEK	UNIT (INSPIRE)	ACTIVITY/SESSION
APRIL	2 nd	1. INTRODUCTION TO DATA	What is data? Types of Data: Quantitative data
	3 rd		Quantitative Data: Discrete finite options Continuous infinite options
	4 th		Real world examples of Data, <ul style="list-style-type: none"> A Pdf file stored on your computer contains data. Apps installed in our mobile.
	5 th		Applied project: Data analytics has many applications in our life. Discuss how data analytics is applied in the railways to predict train delays.
MAY	1 st	2. Introduction to Data Science.	Understanding data science. Real life applications which are dependent on data science.
	2 nd		Careers in Data science- Data scientist, Data Analyst, Data Mining Engineer, Data Architect etc.
JUNE	4 th		Purpose of learning Data Science. Supervised learning Unsupervised learning Reinforcement learning
	5 th	3. Data Visualisation.	What is Data Visualisation? Data Visualisation tools.
JULY	1 st		The Required data and its type. Different charts and its representation.
	2 nd		Choosing a proper visualization techniques.
	3 rd		Availability of Data Visualisation tools.
	4 th	4. Data Science and Artificial Intelligence.	Applications of Data Science. Digital advertisement.
	5 th		Data science application process.
AUG	1 st		Analytics on Text data. Analytics on image data .
	2 nd		Digital advertisement.
	3 rd		Analytics on image data
	4 th		Project submission
	5 th		Practical Work



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023

CLASS – VIII
SUBJECT – HINDI

MONTH	WEEK	CHAPTER NO.	CHAPTER NAME
APRIL	2 nd	हिंदी पाठमाला पाठ- 1 व्याकरण खंड क पाठ 2	1 वर दे वीणा वादिनी (कविता) वर्ण विच्छेद
	3 rd	व्याकरण खंड क पाठ 10	10 कारक
	4 th	हिंदी पाठमाला पाठ 2	2 सुभान खाँ (कहानी)
	5 th	हिंदी पाठमाला पाठ 3	3 आप भला तो जग भला (लेख)
MAY	1 st	हिंदी पाठमाला पाठ 4 व्याकरण खंड ख पाठ 1,2	4 जानभर रहे जंगल में (कविता) 1 विलोम शब्द (ज्ञान- ताप) 2 पर्यायवाची शब्द (1-41)
	2 nd	व्याकरण खंड ख पाठ 4,8 खंड ग पाठ 2,3,7,9	8 मुहावरे (1-26) 4 अनेकार्थक शब्द (1-30) 2 अपठित गद्यांश , 3 पद्यांश 7 अनुच्छेद लेखन, 9 निबंध
JUNE	4 th	हिंदी पाठमाला पाठ 5	5 जहाँ चाह वहाँ राह (कहानी)
	5 th	व्याकरण खंड ख पाठ 3,6,7	3 अनेक शब्दों के लिए एक शब्द (1-46) 6 समरूप भिन्नार्थक शब्द (1-16) 7 शुद्ध वर्तनी (नराज- रिण)
JULY	1 st +2 nd	व्याकरण खंड क पाठ 6,7	6 उपसर्ग 7 प्रत्यय
	3 rd	व्याकरण खंड क पाठ 8	8 वाक्य (रचना के आधार पर)
	4 th	हिंदी पाठमाला पाठ 6	6 नर हो न निराश करो मन को (कविता)
	5 th	व्याकरण खंड क पाठ 15	15 अव्यय

AUGUST	1 st	हिंदी पाठमाला पाठ 7	7 नशा (कहानी)
	2 nd	हिंदी पाठमाला पाठ 8	8 भोलाराम का जीव

	3 rd	व्याकरण खंड क पाठ 4	4 संधि
	4 th	हिंदी पाठमाला पाठ 9	9 यह है भारत देश हमारा (कविता)
	5 th	हिंदी पाठमाला पाठ 10	10 प्राकृतिक व्यायाम (लेख)
SEPTEMBER	1 st	व्याकरण	पठित गद्यांश, पठित काव्यांश
	2 nd		REVISION
	3 rd		REVISION
	4 th +5 th		HALF YEARLY EXAM
OCTOBER	2 nd + 3 rd	हिंदी पाठमाला पाठ 11	11 नीलकंठ (रेखाचित्र)
	4 th	हिंदी पाठमाला पाठ 12	12 मैं ढूँढ़ता तुझे था (कविता)
	5 th	व्याकरण खंड क पाठ 2 खंड ख पाठ 1,2,6	2 अनुस्वार एवं अनुनासिक हिंदी के मानक रूप 1 विलोम शब्द (महात्मा से जीत) 2 पर्यायवाची शब्द (42-82) 6 समरूप भिन्नार्थक शब्द (18-32)
NOVEMBER	1 st	हिंदी पाठमाला पाठ 13 व्याकरण खंड ख पाठ 7	13 अपना- अपना विश्वास 7 शुद्ध वर्तनी (पेसा-संछेप)
	2 nd	व्याकरण खंड क पाठ 19	19 अलंकार
	3 rd	हिंदी पाठमाला पाठ 14	14 जलियाँवाला बाग में वसंत (कविता)
	4 th	हिंदी पाठमाला पाठ 15	15 क्या निराश हुआ जाए (निबंध)
	5 th	व्याकरण खंड ख पाठ 3,8 खंड ग पाठ 4,5	3 अनेक शब्दों के लिए एक शब्द (47-93) 8 मुहावरे (27-52) 4 डायरी लेखन 5 संवाद लेखन

DECEMBER	1 st	व्याकरण खंड ग पाठ 8,9	8 पत्र लेखन 9 निबंधलेखन
	2 nd	हिंदी पाठमाला पाठ 16	16 इसे जगाओ (कविता)
	3 rd	हिंदी पाठमाला पाठ 17	17 ठेले पर हिमालय (यात्रा- वृत्तांत)
	4 th	व्याकरण खंड क पाठ 5	5 समास
JANUARY	1 st	हिंदी पाठमाला पाठ 18	18 पेड़-पौधों का जीवन (लेख)
	2 nd	हिंदी पाठमाला पाठ 19	19 रसखान के सवैये (कवित्त)

	3 rd	हिंदी पाठमाला पाठ 20	20 उसने कहा था (कहानी)
	4 th	व्याकरण	अपठित गद्यांश एवं अपठित पद्यांश
	5 th	व्याकरण	पठित काव्यांश एवं पठित गद्यांश
FEBRUARY	1 st		RIVISION
	2 nd + 3 rd		RIVISION
	4 th + 5 th		ANNUAL EXAM

M.G.M. HIGHER SECONDARY SCHOOL, B.S.CITY

PORTION OF EXAM WITH MARK WEIGHTAGE FOR YEAR: 2022-2023

EXAM	BOOK	CHAPTER NO.	MARK WEIGHTAGE
1 st Periodic	अमृत हिंदी पाठमाला पाठ 1 से 4, व्याकरण - 8	पाठ-1,2,3,4 व्याकरण खंड क पाठ- 2,10 खंड ख पाठ - 1,2,3,4,8 खंड ग पाठ - 2,7,8,9	अपठित - 5 व्याकरण - 15 रचनात्मक - 15 पाठ्य पुस्तक - 15 Total-50 Marks
Half Yearly Exam	हिंदी पाठमाला पाठ 1 से 10 व्याकरण 8	पाठ1-10 तक व्याकरण खंड क पाठ 4,6,7,8,10,15 खंड ख पाठ 1,2,3,4,6,7,8 खंड ग पाठ 2,3,7,8,9,10	अपठित - 10 पठित - 10 व्याकरण - 20 रचनात्मक - 20 पाठ्य पुस्तक - 20

			Total– 80 Marks
2 nd Periodic	हिंदी पाठमाला पाठ 11 से 14 व्याकरण 8	पाठ –11 से 14 व्याकरण खंड क पाठ 2,19 मानक रूप खंड ख पाठ 1,2,3,6,7 खंड ग पाठ 3,5,8,9	अपठित – 5 व्याकरण – 15 रचनात्मक - 15 पाठ्य पुस्तक - 15 Total -50 Marks
Annual Exam	अमृत हिंदी पाठमाला पाठ 8 से 20 व्याकरण 8	पाठ 8 से 20 व्याकरण खंड क पाठ 2,5,19, मानक रूप खंड ख पाठ 1,2,3,4,6,7,8 खंड ग पाठ 2,3,4,5,8,9 NOTE: 30% Portion of half yearly exam Will be come in Annual Exam 2022-2023	अपठित - 10 पठित - 10 व्याकरण – 20 रचनात्मक – 20 पाठ्य पुस्तक – 20 Total – 80 Marks



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023

CLASS – VIII
SUBJECT – MUSIC

MONTH	WEEK	TOPIC
April	1 st	Introduction and Prayer songs from Diary(Hindi)
	2 nd	Prayer songs from diary(English).
	3 rd	Vandematram and National Anthem
	4 th	Theory about Music
May	1 st	Basic knowledge about instruments and definition of Music, Swar, Naad, Saptak, Raag and Laya, Sam, Alankaar, Sargam
	2 nd	<i>Theka of Teen Taal, Dadra Taal, Kaherwa Taal, Jhaap Taal.</i>
June	3 rd	Collection of projects, check and revision of project work.
	4 th	Scale in C Major, A Minor, G Major on Guitar and Keyboard.
July	1 st	Tabs of Music.
	2 nd	Staff Notation Process. (How to read and write Music Melodies in staff)
	3 rd	Playing simple melodies by reading Staff Notations.
	4 th	Theories: Biography of <i>Tansen And Hari Das.</i>
August	1 st	Patriotic song + Band Practice.
	2 nd	Patriotic song practice for program + Band Practice.
	3 rd	Raag (Yamen), Aaroh, Awroh, Pakar.
	4 th	Practice of same Raag
September	1 st	MUSIC TEST
	2 nd	MUSIC TEST
	3 rd	Chords Exercise: G Major, C Major, D7th (Strumming 4/4, 3/4)
	4 th	Playing simple songs. (Happy Birthday, We Shall Overcome, Lakri ki Kaathi, Jan Gan Mann.)

October	1 st (Dussehra Holiday)	
	2 nd	Swar Sadhna
	3 rd	Devotional Songs (Hindi)
	4 th (Diwali Holidays)	
November	1 st	Devotional Songs /(English)
	2 nd	Welcome Song (Hindi)
	3 rd	MUSIC TEST
	4 th	MUSIC TEST
	5 th (Periodic Test)	
December	1 st	<i>Alankaar</i> practice
	2 nd	Different Rhythms in <i>Tabla</i> , <i>Congo</i> , and <i>Drums</i> .
	3 rd	Accompany with the singers and instrument players.
	4 th (Christmas Holidays)	
January	1 st	<i>Kayda</i> , <i>Theka</i> , <i>Tihayi</i> in <i>Tabla</i> .
	2 nd	Patriotic song and Band practice.
	3 rd	Patriotic song and Band practice.
	4 th	Revision
February	1 st	MUSIC TEST
	2 nd	MUSIC TEST
	3 rd	<u>FINAL EXAM</u>

M.G.M. HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY
CLASS VIII
ENGLISH
EXAMINATION PORTION SESSION : 2022-2023

<u>EXAM</u>	<u>CHAPTER NUMBERS</u>	<u>NAME OF THE CHAPTERS/TOPICS</u>
FIRST PERIODIC TEST		READING – 2 Passages Or 1 Passage and 1 Poem
		WRITING – • Notice Writing • Message Writing • Letter Writing (Formal & Informal)
		GRAMMAR –
	Lesson - 1	Sentences
	Lesson - 2	Nouns
	Lesson - 3	Adjectives
	Lesson - 4	Pronouns
	Lesson - 5	Verbs
		+ General Grammar
		COURSEBOOK –
	Unit 1 Section A	Night Voices (Poem)
	Unit 1 Section B	One Summer Night
	Unit 1 Section C	A Retrieved Reformation
	Unit 2 Section A	Portrait of a Prince (Poem)
	Unit 2 Section B	Back from the Brink
	Unit 2 Section C	My Earthquake Experience in Tokyo
		LITERATURE READER -
		Children of the Rainbow (Poem)
		Golden Moments
		Lions and Ants (Poem)
		Vocabulary Based Questions
		READING – 2 Passages and 1 Poem
		WRITING – • Notice Writing • Message Writing • Letter Writing (Formal and Informal) • Speech Writing

HALF YEARLY EXAM		
		GRAMMAR –
	Lesson - 6	Tenses
	Lesson - 7	Adverbs
	Lesson - 8	Prepositions
		+ General Grammar
		+ Entire 1st Periodic Portion
	Lesson - 1	Sentences
	Lesson - 2	Nouns
	Lesson - 3	Adjectives
	Lesson - 4	Pronouns
	Lesson - 5	Verbs
		COURSEBOOK -
	Unit 3 Section B	Boating with Friends
	Unit 3 Section C	A Special Request
	Unit 4 Section A	Feelings (Poem)
		+ Entire 1st Periodic Test Portion :
	Unit 1 Section A	Night Voices (Poem)
	Unit 1 Section B	One Summer Night
	Unit 1 Section C	A Retrieved Reformation
	Unit 2 Section A	Portrait of a Prince (Poem)
	Unit 2 Section B	Back from the Brink
	Unit 2 Section C	My Earthquake Experience in Tokyo
		LITERATURE READER -
	Lesson - 4	A Hasty Judgement
	Lesson - 5	The Escape Plan
		+ Entire 1st Periodic Portion
	Lesson - 1	Children of the Rainbow (Poem)
	Lesson - 2	Golden Moments
	Lesson - 3	Lions and Ants (Poem)
		Vocabulary Based Questions
		READING –
		2 Passages or 1 Passage and 1 Poem
		WRITING –
		<ul style="list-style-type: none"> • Notice Writing • Message Writing • Diary Entry • Story Writing

SECOND PERIODIC TEST		
		GRAMMAR –
	Lesson - 9	Auxiliary Verbs
	Lesson - 10	Punctuation
	Lesson - 11	Conjunctions
	Lesson - 12	Reported Speech
		+ General Grammar
		COURSEBOOK –
	Unit 4 Section C	Just for Fun
	Unit 5 Section A	Wishing (Poem)
	Unit 5 Section B	Small Steps for Big Changes
		LITERATURE READER –
	Lesson - 6	Ozymandias (Poem)
	Lesson - 10	The Two Friends (Poem)
		Vocabulary Based Questions
ANNUAL EXAM		READING – 2 Passages and 1 Poem
		WRITING – <ul style="list-style-type: none"> • Notice Writing • Message Writing • Letter Writing (Formal and Informal) • Diary Entry • Story Writing • Speech Writing • E-Mail Writing
		GRAMMAR -
	Lesson - 13	Phrases and Clauses
	Lesson - 14	More Sentences
	Lesson - 15	Voice
	Lesson - 16	Determiners
		+ General Grammar
		+ Entire Second Periodic Portion :
	Lesson - 9	Auxiliary Verbs
	Lesson - 10	Punctuation
	Lesson - 11	Conjunctions
	Lesson - 12	Reported Speech
		+ 30% of Half-Yearly Exam :
	Lesson - 3	Adjectives

	Lesson - 6	Tenses
		COURSEBOOK -
	Unit 6 Section A	Be the Best of Whatever You are
	Unit 6 Section B	The Power of Determination
	Unit 6 Section C	The Eyes Have It
	Unit 7 Section A	Take Time (Poem)
	Unit 7 Section C	The Merchant of Venice
		+ Entire Second Periodic Portion :
	Unit 4 Section C	Just for Fun
	Unit 5 Section A	Wishing (Poem)
	Unit 5 Section B	Small Steps for Big Changes
		LITERATURE READER -
	Lesson - 11	The Model Millionaire
	Lesson - 12	Lord Ullin's Daughter
		+ Entire Second Periodic Portion
	Lesson - 6	Ozymandias (Poem)
	Lesson - 10	The Two Friends (Poem)
		+ 30% of Half-Yearly Exam
	Lesson - 1	Children of the Rainbow (Poem)
	Lesson - 4	A Hasty Judgement
		Vocabulary Based Questions



MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2022-2023
CLASS – VIII
SUBJECT – ENGLISH

<u>MONTH</u>	<u>WEEK</u>	<u>TOPIC(s)</u>
APRIL	2	<ul style="list-style-type: none"> • MCB – Unit 1A– Night Voices (Poem) • Grammar – L-1 – Sentences
	3	<ul style="list-style-type: none"> • Reader – L-1 – Children of the Rainbow (Poem) • Informal Letter
	4	<ul style="list-style-type: none"> • MCB – Unit 1B –One Summer Night • Notice Writing
	5	<ul style="list-style-type: none"> • Reader – L-2–Golden Moments • Grammar – L-2 – Nouns
MAY	1	<ul style="list-style-type: none"> • Grammar – L-3- Adjectives • MCB – Unit 1C – A Retrieved Reformation
	2	<ul style="list-style-type: none"> • Reader – L-3 – Lions and Ants (Poems) • MCB – Unit 2A – Portrait of a Prince
	3	<i>SUMMER VACATION</i>
	4	
JUNE	1	
	2	
	3	
	4	<ul style="list-style-type: none"> • Message Writing • MCB – Unit 2B – Back from the Brink
JULY	5	<ul style="list-style-type: none"> • Grammar – L-4- Pronouns • Formal Letter
	1	<ul style="list-style-type: none"> • Speech Writing
	2	<ul style="list-style-type: none"> • Grammar – L –5 –Verbs • MCB – Unit 2C – My Earthquake Experience in Tokyo
	3	<ul style="list-style-type: none"> • MCB – Unit 3B - Boating with Friends • <i>Revision for 1st Periodic Test</i>
AUGUST	4	<i>(1st Periodic Test Begins)</i> <ul style="list-style-type: none"> • Reader – L-4 – A Hasty Judgement • Diary Entry
	5	<ul style="list-style-type: none"> • Grammar – L-6 – Tenses
	1	<ul style="list-style-type: none"> • Reader – L-5 – The Escape Plan • MCB – Unit 3C – A Special Request
	2	<ul style="list-style-type: none"> • Grammar – L-7 – Adverbs • MCB – Unit 4A – Feelings (Poem)
AUGUST	3	<ul style="list-style-type: none"> • MCB – Unit 4C – Just for Fun • Comprehension Passages
	4	<ul style="list-style-type: none"> • Grammar – L-8 – Prepositions • MCB – Unit 5A – Wishing (Poem)
	5	<ul style="list-style-type: none"> • Grammar – L-9 – Auxiliary Verbs
		(P.T.O)

SEPTEMBER	1	<ul style="list-style-type: none"> Grammar – L-10 – Punctuation
	2	<i>Revision for Half-Yearly Exams</i>
	3	
	4	Half-Yearly Exams
	5	
OCTOBER	1	<ul style="list-style-type: none"> E-mail Writing
	2	<ul style="list-style-type: none"> Story Writing
	3	<ul style="list-style-type: none"> Grammar – L-11 – Conjunctions Reader – L-6 – Ozymandias (Poem)
	4	<ul style="list-style-type: none"> MCB – Unit 5B – Small Steps for Big Changes Reader – L-10 – The Two Friends (Poem)
	5	<ul style="list-style-type: none"> MCB – Unit 6A – Be the Best of Whatever You Are (Poem)
NOVEMBER	1	<ul style="list-style-type: none"> Grammar – L-12 – Reported Speech
	2	<ul style="list-style-type: none"> Grammar – L-12 – Reported Speech (Continued)
	3	<ul style="list-style-type: none"> MCB – Unit 6B – The Power of Determination
	4	<ul style="list-style-type: none"> MCB – Unit 6C – The Eyes Have It <i>Revision for 2nd Periodic Test</i>
	5	<i>(2nd Periodic Test Begins)</i> <ul style="list-style-type: none"> MCB – Unit 7A – Take Time (Poem)
DECEMBER	1	<ul style="list-style-type: none"> Grammar – L-13 – Phrases and Clauses
	2	<ul style="list-style-type: none"> Grammar – L-13 – Phrases and Clauses (Continued)
	3	<ul style="list-style-type: none"> Reader – L-11 – The Model Millionaire Grammar – L-14 – More Sentences
	4	<ul style="list-style-type: none"> Grammar – L-14 – More Sentences (Continued)
	5	WINTER BREAK
JANUARY	1	<ul style="list-style-type: none"> Reader – L-12 – Lord Ullin's Daughter (Poem) Grammar – L-15 – Voice
	2	<ul style="list-style-type: none"> Grammar – L-15 – Voice (Continued)
	3	<ul style="list-style-type: none"> MCB – Unit 7C – The Merchant of Venice
	4	<ul style="list-style-type: none"> Grammar – L-16 – Determiners
	5	<i>(Completion of Syllabus)</i> <ul style="list-style-type: none"> Comprehension Passages
FEBRUARY	1	<i>Revision for Annual Exams</i>
	2	
	3	<i>Annual Exam Begins</i>
MARCH		<i>Result Declaration & Preparations for the New Session</i>

M.G.M. HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY

CLASS VIII

GENERAL KNOWLEDGE

EXAMINATION PORTION

SESSION : 2022-2023

<u>NAME OF THE EXAM</u>	<u>PORTION</u>
FIRST ASSESSMENT	<ul style="list-style-type: none">• Units 1, 2 & 3 : Chapters 1 – 27• Current Affairs• Jharkhand ko Jaano
SECOND ASSESSMENT	<ul style="list-style-type: none">• Units 4, 5 & 6 : Chapters 28 – 54• Current Affairs• Reasoning(s)

M.G.M. HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY

CLASS VIII

GENERAL KNOWLEDGE

SYLLABUS BREAK-UP

SESSION 2022-2023

MONTH	WEEK	UNIT	TOPIC(s)
APRIL	2	UNIT 1- OUR COUNTRY	Constitution of India, Famous Indians, Indian Craft, Indian armed Forces
	4		Indian Literature, Tribal Groups and Communities, Important Commissions and Their Work, Prestigious Institutes of India
JUNE	4	UNIT 1- OUR COUNTRY	Magsaysay Awardees, Major Political Parties in India, Top Research Institutes of India
JULY	1		Elections, Famous Places, Independence Struggle, Important Indian Cities
	4		States and Their Capitals Current Affairs (Arjun Awards, Cricket, Football, Archery)
	5	UNIT 2 – THE WORLD	Top Revolutions, Important International Organisations, Dresses of the World, Thomas Alva Edison, Languages
AUGUST	3	UNIT 3- ART, LITERATURE & MEDIA	Autobiographies, Books and Authors, Western Music, Famous Cartoonists
	4		Jharkhand ko Jaano

SEPTEMBER	1		<u>FIRST ASSESSMENT</u>
	2	UNIT 4 – SCIENCE & TECHNOLOGY	Our Solar System, Sun, International Space Stations, Our Body
	4		Medicinal Science, Dangerous Microbes, Genes, Bacteria
OCTOBER	3		Famous Doctors and Medical Scientists, Marie Curie, Metals and Alloys, Chemicals
	4		General Science Quiz, Agriculture, dangerous Plants, Arachnids, Nature Quiz
NOVEMBER	2	UNIT 5- SPORTS & ENTERTAINMENT	Great Sports Persons, Hockey, World Record Holders, Martial Arts
	3	UNIT 6 – MISCELLANEOUS	Internet, Money, Great People,
DECEMBER	2		Different Philosophies, Important Dates, Common Sense
	3		Reasoning (Patterns, Numericals)
JANUARY	4		Reasoning (Relations)
	5		Revision
FEBRUARY	1		<u>SECOND ASSESSMENT</u>