

MICHIGAN VALLEY EDUCATION SYLLABUS FOR GROUP 1 (CLASS 4 AND 5)

		Class 4	Class 5	Name of Activity	
Week	Subjects	Chapters	Chapters	Core	Associative
1	Science	Adaptation in plants	Growing Plants	Movie: Lonely Seed;	Google earth Project
	Mathematics	Numbers	number and numeration	Lock and unlocking	
	Computer			What is computer	
2	Science	Adaptation in plants	Growing plants	Google Earth Project	
	Mathematics	Numbers	number and numeration	Locking and unlocking	
	Computer			History of Computers Audio-Visual	
3	Science	Food Factory in Plants	Growing Food, Food for plants	Soil and ecosphere	Food Chain and food web
	Mathematics	Numbers	Rounding numbers	Activity Sheet	
	Computer			History of Computer Audio-Visual	
3	Science	Food Factory in Plants	Growing Food, Food for plants	Soil and ecosphere	Food chain and food web
	Mathematics	Numbers	Rounding numbers	Activity Sheet	
	Computer			Abacus the preliminary computer	
4	Science	Adaptation in animals	Animals on Move, Animal senses, Animal Kingdom	Insects, Birds, Frog and Butterfly lifecycle	Species extinction, jewel in the crown
	Mathematics	Numbers	Multiples and Factors	Factor Tree	
	Computer			Abacus the preliminary computer	
5	Science	Adaptation in animals	Animals on Move, Animal senses, Animal Kingdom	Insects, Birds, Frog and Butterfly lifecycle	Species extinction, jewel in the crown
	Mathematics	Numbers	Multiples and Factors	Factor Tree	
	Computer			Abacus the preliminary computer	
6	Science	Reproduction		Dissection of Plants	Leaves structure, water system
	Mathematics	Fractions	Fractions	Pipe cutting exercise	
	Computer			Abacus the preliminary computer	
7	Science	Reproduction		Microscopic activity	Leaves, water system
	Mathematics	Fractions	Fractions	Pipe cutting exercise	
	Computer			Basics of Programming	
8	Science	Food and Health	Food we eat	Energy in food	Mouthful chemicals, turmeric indicator, fatty food, protein test
	Mathematics	Addition	Addition and Subtraction	Activity Sheet	
	Computer			Basics of Programming	
9	Science	Food and Health	Food we eat	Energy in food	Mouthful chemicals, turmeric indicator, fatty food, protein test
	Mathematics	Addition	Addition and Subtraction	Activity Sheet	
	Computer			Scratch	

10	Science	Teeth and Digestion	Breathe in Breathe Out	Movie	Magnetic levitation
	Mathematics	Multiplication	Multiplication	Activity Sheet	
	Computer			Scratch	
11	Science	Teeth and Digestion	Breathe in Breathe Out	Movie	Shephard Phone
	Mathematics	Multiplication	Multiplication	Activity Sheet	
	Computer			Scratch	
12	Science	Keeping Safe	Prevention of diseases	Microscopic activities	Making safety Belts, Fire extinguishers, dos and don't during earthquakes
	Mathematics	Substraction	Addition and Substraction	Activity Sheet	
	Computer			Scratch	
13	Science	Keeping Safe	Prevention of diseases	Microscopic activities	Making safety Belts, Fire extinguishers, dos and don't during earthquakes
	Mathematics	Substraction	Addition and Substraction	Activity Sheet	
	Computer			Scratch	
14	Science	Clothes we wear		Microscopic activity, fiber to fabric, weaving	Climbing colours
	Mathematics	Division	Division	Activity Sheet	
	Computer			Scratch	
15	Science	Clothes we wear		Microscopic activity, fiber to fabric, weaving	Climbing colours
	Mathematics	Division	Division	Activity Sheet	
	Computer			Scratch	
16	Science	Our Universe and Solar system	Earth and its neighbour	Making solar model and seasons. Model of interior of earth, structure of sun, making mini book of planets	Asteroids, Mini book of Universe
	Mathematics	Decimals	Decimals and percentages	Lay the park exercise	
	Computer			Scratch	
17	Science	Our Universe and Solar system	Earth and Its neighbour	Making solar model and seasons. Model of interior of earth, structure of sun, making mini book of planets	Asteroids, Mini book of universe
	Mathematics	Decimals	Decimals and percentages	Arranging decimal game	
	Computer			Scratch	
18	Science	Our Environment and pollution	Balance in Nature	Movie, Dharti ki kahanai	Wind Vane, Barometer, Vacume cleaner
	Mathematics	Measurement (Units of Solid Liquid)	Volume	Activity Sheet	
	Computer			Scratch	
19	Science	Our Environment and pollution	Balance in nature	Movie Dharti ki kahani	Wind Vane, Barometer, Vacume cleaner
	Mathematics	Measurement (Units of Solid Liquid)	Volume	Activity Sheet	
	Computer			Scratch	

20	Science	Weather, air and water	Water; life in water	Composition of air,rain making, Tornado maker, Fountain maker, wind saw, make rainbow in test tube	Airpush Car, Howercraft, One way baloon valve
	Mathematics	Fun with shapes		Origami	
	Computer			Scratch	
21	Science	Weather, air and water	Water; life in water	Composition of air,rain making, Tornado maker, Fountain maker, wind saw, make rainbow in test tube	Airpush Car, Howercraft, One way baloon valve
	Mathematics	Fun with shapes		Origami	
	Computer			Scratch	
22	Science	States of Matter		Chaging state of matter	Whirling paper snake, lets play with clay
	Mathematics	Area and Perimeter	Area and Perimeter	Graph Sheet Exercise	
	Computer			Scratch	
23	Science	States of Matter		Changing state of matter	Whirling Paper snake, lets play with clay
	Mathematics	Area and Perimeter	Area and Perimeter	Graph Sheet Exercise Sheet	
	Computer			Input and output devices	
24	Science	Force, Work and energy	Simple Machines	Pullys and Levers Activity; Gears	Robotics BOT, chamellion Robot
	Mathematics	Learning Lines	Lines and Angles	Origami	
	Computer			Input and Output devices	
25	Science	Force, Work and energy	Simple Machines	Pullys and Levers Activity; Gears	Robotics BOT, Chamellion robot
	Mathematics	Lines	Lines and Angles	Origami	
	Computer			Input and output devices	
26	Science		Our Senses- Eye, Ear, Tongue	Movie	Kaleidoscope
	Mathematics	Triangles and Quadrilaterals	Circles, Triangles and Quadrilaterals	Geometry Board	
	Computer			Input and Output devices	
27	Science		Fuels	Carbon cycle	
	Mathematics	Triangles and Quadrilaterals	Circles, Triangles and Quadrilaterals	Geometry Board	
	Computer			Input and output devices	
28	Science				Infinity well
	Mathematics	Calculating Cost	Profit and Loss, Average, Bills	Activity Sheet	
	Computer			Input and Output devices	
29	Science				Periscope

	Mathematics	Reading watches		Make Clocks	
	Computer			Scratch	
30	Science				
	Mathematics	Reading timetable	Timetables	Activity Sheet	
	Computer			Scratch	
31	Science				
	Mathematics	Graph	Pictorial representation of Data	Data Sheet	
	Computer			Scratch	
30	Science	Garbage in Garbage out	Waste water Story		
	Mathematics				
	Computer	Programming		Scratch	
31	Science		Soil	Soil Seive, Lithological pillar	
	Mathematics				
	Computer	Programming		Scratch	
NOTE:					
1	Space model and sky watching intermediary				
2	Electronics model during summer and winter breaks				
3	Concepts of Mathematics practice				
4	Communication and Open house for project presentations				
5	Airplane Models Intermediary				
6	Robotic Models Intermediary				