

GEMS - Curriculum

Running Class #	Class Date	Class Number	E2 Schedule (Saturday 1:30 PM - 3:00 PM)
			Fall Session
	27-Aug		Placement Test
NC	3-Sep	No Class	Labor Day Break
Class 1	10-Sep	Class 1	Add 2 & 3 Digit Numbers w/o regrouping
Class 2	17-Sep	Class 2	Add 2 & 3 Digit Numbers w/ regrouping
Class 3	24-Sep	Class 3	Subtract 2 & 3 Digit Numbers w/o
Class 4	1-Oct	Class 4	Subtract 2 & 3 Digit Numbers w/ regrouping
Class 5	8-Oct	Class 5	Multiplication - upto 2 digit
Class 6	15-Oct	Class 6	Mid Term Test
Class 7	22-Oct	Class 7	Multiplication - Advanced
Class 8	29-Oct	Class 8	Quiz and Division - Basic - Single digit
Class 9	5-Nov	Class 9	Long Division
Class 10	12-Nov	Class 10	Session Finals
			Winter Session
Class 11	19-Nov	Class 1	Number Systems - Place Value
NC	26-Nov	No Class	Thanks Giving Break
Class 12	3-Dec	Class 2	Money
Class 13	10-Dec	Class 3	Number Patterns
Class 14	17-Dec	Class 4	Rounding of Whole Numbers
NC	24-Dec	No Class	X-Mas Break
NC	31-Dec	No Class	X-Mas Break
Class 15	7-Jan	Class 5	CML # 1 and Order of Operations
Class 16	14-Jan	Class 6	Mid Term Test
Class 17	21-Jan	Class 7	Fractions - Add
Class 18	28-Jan	Class 8	Quiz and Fractions - Subtract
Class 19	4-Feb	Class 9	CML # 2 and Fractions - Multiply
Class 20	11-Feb	Class 10	Fractions - Divide
NC	18-Feb	No Class	Mid Winter Break
Class 21	25-Feb	Class 11	Session Finals
			Spring Session
Class 22	4-Mar	Class 1	Mixed Questions
Class 23	11-Mar	Class 2	CML # 3 and Area & Perimeter
Class 24	18-Mar	Class 3	Critical Thinking Problems
	25-Mar		Spring Break
Class 25	1-Apr	Class 4	Decimals
Class 26	8-Apr	Class 5	Graphs
Class 27	15-Apr	Class 6	Mid Term Test
Class 28	22-Apr	Class 7	Mixed Problems
Class 29	29-Apr	Class 8	Measurement - I
Class 30	6-May	Class 9	Measurement - II
Class 31	13-May	Class 10	Session Finals
Class 32	20-May	Class 11	Patterns and Calendars
NC		No Class	Memorial Day Break
NC		No Class	July 4th Break

GEMS - Curriculum

Running Class #	Class Date	Class Number	E2 Schedule - Wed 6 - 7 PM
			Fall Session
	31-Aug		Placement Test
NC	7-Sep	No Class	<i>Labor Day Break</i>
Class 1	14-Sep	Class 1	Add 2 & 3 Digit Numbers w/o regrouping
Class 2	21-Sep	Class 2	Add 2 & 3 Digit Numbers w/ regrouping
Class 3	28-Sep	Class 3	Subtract 2 & 3 Digit Numbers w/o
Class 4	5-Oct	Class 4	Subtract 2 & 3 Digit Numbers w/ regrouping
Class 5	12-Oct	Class 5	Multiplication - upto 2 digit
Class 6	19-Oct	Class 6	Mid Term Test
Class 7	26-Oct	Class 7	Multiplication - Advanced
Class 8	2-Nov	Class 8	Quiz and Division - Basic - Single digit
Class 9	9-Nov	Class 9	Long Division
Class 10	16-Nov	Class 10	Session Finals
			Winter Session
	23-Nov		<i>Thanksgiving Break</i>
Class 11	30-Nov	Class 1	Number Systems - Place Value
Class 12	7-Dec	Class 2	Money
Class 13	14-Dec	Class 3	Number Patterns
Class 14	21-Dec	Class 4	Rounding of Whole Numbers
NC	28-Dec		<i>X-Mas Break</i>
NC	4-Jan		<i>X-Mas Break</i>
Class 15	11-Jan	Class 5	Order of Operations
Class 16	18-Jan	Class 6	Mid Term Test
Class 17	25-Jan	Class 7	Fractions - Add
Class 18	1-Feb	Class 8	Quiz and Fractions - Subtract
Class 19	8-Feb	Class 9	Fractions - Multiply
Class 20	15-Feb	Class 10	Fractions - Divide
NC	22-Feb	No Class	<i>Mid Winter Break</i>
Class 21	1-Mar	Class 11	Session Finals
			Spring Session
Class 22	8-Mar	Class 1	Mixed Questions (Time , Money, Fractions)
Class 23	15-Mar	Class 2	CML # 3 and Area & Perimeter
Class 24	22-Mar	Class 3	Critical Thinking Problems
	29-Mar		<i>Spring Break</i>
Class 25	5-Apr	Class 4	Decimals
Class 26	12-Apr	Class 5	Graphs
Class 27	19-Apr	Class 6	Mid Term Test
Class 28	26-Apr	Class 7	Mixed Problems (Time , Money, Fractions)
Class 29	3-May	Class 8	Quiz and Measurement - I
Class 30	10-May	Class 9	Measurement - II
Class 31	17-May	Class 10	Session Finals
Class 32	24-May	Class 11	Patterns and Calendars
NC		No Class	<i>Memorial Day Break</i>
NC		No Class	<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	E3 Schedule (Saturday 12:00 PM - 1:30 PM)
			Fall Session
	27-Aug		Placement Test
NC	3-Sep	No Class	Labor Day Break
Class 1	10-Sep	Class 1	Basic Operations
Class 2	17-Sep	Class 2	Rounding of Numbers
Class 3	24-Sep	Class 3	Number Patterns
Class 4	1-Oct	Class 4	Order of Operations
Class 5	8-Oct	Class 5	Time and Test (30 min / 60 Qns)
Class 6	15-Oct	Class 6	Mid Term Test
Class 7	22-Oct	Class 7	Calendar
Class 8	29-Oct	Class 8	Quiz and Money
Class 9	5-Nov	Class 9	Graphs
Class 10	12-Nov	Class 10	Session Finals
			Winter Session
Class 11	19-Nov	Class 1	Measurement
NC	26-Nov	No Class	Thanks Giving Break
Class 12	3-Dec	Class 2	Geometry - I
Class 13	10-Dec	Class 3	Geometry - II
Class 14	17-Dec	Class 4	Area & Perimeter
NC	24-Dec	No Class	X-Mas Break
NC	31-Dec	No Class	X-Mas Break
Class 15	7-Jan	Class 5	Area and Perimeter / Fractions I - Extended Class
Class 16	14-Jan	Class 6	Mid Term Test
Class 17	21-Jan	Class 7	Fractions -II
Class 18	28-Jan	Class 8	Decimals -I
Class 19	4-Feb	Class 9	Decimals II
Class 20	11-Feb	Class 10	Percents
NC	18-Feb	NC	Mid Winter Break
Class 21	25-Feb	Class 11	Session Finals
			Spring Session
Class 22	4-Mar	Class 1	Measurement
Class 23	11-Mar	Class 2	CML # 3 and Working Backwards
Class 24	18-Mar	Class 3	Make it Simpler
	25-Mar		Spring Break
Class 25	1-Apr	Class 4	Use Logical Reasoning
Class 26	8-Apr	Class 5	Make an Organized List
Class 27	15-Apr	Class 6	Mid term Test
Class 28	22-Apr	Class 7	Use or Look for a Pattern
Class 29	29-Apr	Class 8	Use or Make a Table
Class 30	6-May	Class 9	Make a Picture or Diagram
Class 31	13-May	Class 10	Session Finals
Class 32	20-May	Class 11	Guess and Check and Act Out or Use an Object
		NC	Memorial Day Break
		NC	July 4th Break

GEMS - Curriculum

Running Class #	Class Date	Class Number	E3 Schedule - Wednesday (4:30 - 6:00) PM
			Fall Session
	31-Aug		Placement Test
NC	7-Sep	No Class	<i>Labor Day Break</i>
Class 1	14-Sep	Class 1	Basic Operations
Class 2	21-Sep	Class 2	Rounding of Numbers
Class 3	28-Sep	Class 3	Number Patterns
Class 4	5-Oct	Class 4	Order of Operations
Class 5	12-Oct	Class 5	Time and Test (30 min / 60 Qns)
Class 6	19-Oct	Class 6	Mid Term Test
Class 7	26-Oct	Class 7	Calendar
Class 8	2-Nov	Class 8	Quiz and Money
Class 9	9-Nov	Class 9	Graphs
Class 10	16-Nov	Class 10	Session Finals
			Winter Session
	23-Nov		<i>Thanksgiving break</i>
Class 11	30-Nov	Class 1	Measurement
Class 12	7-Dec	Class 2	Geometry - I
Class 13	14-Dec	Class 3	Geometry - II
Class 14	21-Dec	Class 4	Area & Perimeter
NC	28-Dec		<i>X-Mas Break</i>
NC	4-Jan		<i>X-Mas Break</i>
Class 15	11-Jan	Class 5	Fractions I
Class 16	18-Jan	Class 6	Mid Term Test
Class 17	25-Jan	Class 7	Fractions -II
Class 18	1-Feb	Class 8	Decimals -I
Class 19	8-Feb	Class 9	Decimals II
Class 20	15-Feb	Class 10	Percents
NC	22-Feb	No Class	<i>Mid Winter Break</i>
Class 21	1-Mar	Class 11	Session Finals
			Spring Session
Class 22	8-Mar	Class 1	Measurement
Class 23	15-Mar	Class 2	CML # 3 and Working Backwards
Class 24	22-Mar	Class 3	Make it Simpler
	29-Mar		<i>Spring Break</i>
Class 25	5-Apr	Class 4	Use Logical Reasoning
Class 26	12-Apr	Class 5	Make an Organized List
Class 27	19-Apr	Class 6	Mid Term Test
Class 28	26-Apr	Class 7	Use or Look for a Pattern / Test (30 / 60)
Class 29	3-May	Class 8	Use or Make a Table
Class 30	10-May	Class 9	Make a Picture or Diagram
Class 31	17-May	Class 10	Session Finals
Class 32	24-May	Class 11	Guess and Check and Act Out or Use an Object
NC			<i>Memorial Day Break</i>
NC			<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	E4 Schedule Saturday (10:30 AM - 12:00 PM)
			Fall Session
	27-Aug		Placement Test
NC	3-Sep	No Class	Labor Day Break
Class 1	10-Sep	Class 1	Drawing a Picture
Class 2	17-Sep	Class 2	Making a Table
Class 3	24-Sep	Class 3	Making an Organized List
Class 4	1-Oct	Class 4	Working Backward
Class 5	8-Oct	Class 5	Solving a Simpler Problem
Class 6	15-Oct	Class 6	Mid Term Test
Class 7	22-Oct	Class 7	Trial and Error
Class 8	29-Oct	Class 8	Finding a Pattern I
Class 9	5-Nov	Class 9	CML # 1 and Finding a Pattern II
Class 10	12-Nov	Class 10	Session Finals
			Winter Session
Class 11	19-Nov	Class 1	Book Problems
NC	26-Nov	No Class	Thanks Giving Break
Class 12	3-Dec	Class 2	CML and GCF
Class 13	10-Dec	Class 3	LCM
Class 14	21-Dec	Class 4	Divisibility Rules I
NC	24-Dec	No Class	X-Mas Break
NC	31-Dec	No Class	X-Mas Break
Class 15	7-Jan	Class 5	Divisibility Rules II
Class 16	14-Jan	Class 6	Mid Term Test
Class 17	21-Jan	Class 7	Divisibility Rules III
Class 18	28-Jan	Class 8	Geometry I
Class 19	4-Feb	Class 9	Geometry II
Class 20	11-Feb	Class 10	Fractions I
NC	18-Feb	NC	Mid Winter Break
Class 21	25-Feb	Class 11	Session Finals
			Spring Session
Class 22	4-Mar	Class 1	Fractions II
Class 23	11-Mar	Class 2	CML # 5 and Work Problems
Class 24	18-Mar	Class 3	MOEMS # 5 and Speed, Distance & Rate Problems
	25-Mar		Spring Break
Class 25	1-Apr	Class 4	Analytical Problems
Class 26	8-Apr	Class 5	Time
Class 27	15-Apr	Class 6	Mid Term Test
Class 28	22-Apr	Class 7	Whodunit and Probability
Class 29	29-Apr	Class 8	Quiz and Venn Diagram
Class 30	6-May	Class 9	Equations and Cryptarithms
Class 31	13-May	Class 10	Session Finals
Class 32	20-May	Class 11	Review of CMLs / Olympiads ; Summer Goals & beyond
		No Class	Memorial Day Break
		No Class	July 4th Break

GEMS - Curriculum

Running Class #	Class Date	Class Number	E4 Schedule Tuesday (5:30 - 7:00 PM)
			Fall Session
	30-Aug		Placement Test
NC	6-Sep	<i>No Class</i>	<i>Labor Day Break</i>
Class 1	13-Sep	Class 1	Drawing a Picture
Class 2	20-Sep	Class 2	Making a Table
Class 3	27-Sep	Class 3	Making an Organized List
Class 4	4-Oct	Class 4	Working Backward
Class 5	11-Oct	Class 5	Solving a Simpler Problem
Class 6	18-Oct	Class 6	Mid Term Test
Class 7	25-Oct	Class 7	Trial and Error
Class 8	1-Nov	Class 8	Finding a Pattern I
Class 9	8-Nov	Class 9	CML # 1 and Finding a Pattern II
Class 10	15-Nov	Class 10	Session Finals
			Winter Session
Class 11	22-Nov	Class 1	Book Problems
	29-Nov		<i>Thanksgiving break</i>
Class 12	6-Dec	Class 2	GCF
Class 13	13-Dec	Class 3	LCM
Class 14	20-Dec	Class 4	Divisibility Rules I
NC	27-Dec		X-Mas Break
NC	3-Jan		X-Mas Break
Class 15	10-Jan	Class 5	Divisibility Rules II
Class 16	17-Jan	Class 6	Mid Term Test
Class 17	24-Jan	Class 7	Divisibility Rules III
Class 18	31-Jan	Class 8	Geometry I
Class 19	7-Feb	Class 9	Geometry II
Class 20	14-Feb	Class 10	MOEMS # 4 and Fractions I
NC	21-Feb	No Class	<i>Mid Winter Break</i>
Class 21	28-Feb	Class 11	Session Finals
			Spring Session
Class 22	7-Mar	Class 1	Fractions II
Class 23	14-Mar	Class 2	CML # 5 and Work Problems
Class 24	21-Mar	Class 3	MOEMS # 5 and Speed, Distance & Rate Problems
	28-Mar		<i>Spring Break</i>
Class 25	4-Apr	Class 4	Analytical Problems
Class 26	11-Apr	Class 5	Time
Class 27	18-Apr	Class 6	Mid Term Test
Class 28	25-Apr	Class 7	Whodunit and Probability
Class 29	2-May	Class 8	Quiz and Venn Diagram
Class 30	9-May	Class 9	Equations and Cryptarithms
Class 31	16-May	Class 10	Session Finals
Class 32	23-May	Class 11	<i>Review of CMLs / Olympiads ; Summer Goals</i>
NC		No Class	<i>Memorial Day Break</i>
NC		No Class	<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	E5 Schedule Saturday (9 - 10:30 AM)
			Fall Session
	27-Aug		Placement Test
NC	3-Sep	No Class	Labor Day Break
Class 1	10-Sep	Class 1	Integers
Class 2	17-Sep	Class 2	Decimals
Class 3	24-Sep	Class 3	Fractions
Class 4	1-Oct	Class 4	Percentages
Class 5	8-Oct	Class 5	Ratios
Class 6	15-Oct	Class 6	Mid Term Test
Class 7	22-Oct	Class 7	Ratio, Propotion and Percentage
Class 8	29-Oct	Class 8	Estimation and Ordering
Class 9	5-Nov	Class 9	CML # 1 and Divisibility and Factoring
Class 10	12-Nov	Class 10	Session Finals
			Winter Session
Class 11	19-Nov	Class 1	Number Sentences and Word Problems
NC	26-Nov	No Class	Thanks Giving Break
Class 12	3-Dec	Class 2	Averages
Class 13	10-Dec	Class 3	Time, Rate & Distance
Class 14	17-Dec	Class 4	Circles
NC	24-Dec	No Class	X-Mas Break
NC	31-Dec	No Class	X-Mas Break
Class 15	7-Jan	Class 5	2 Dimensional Geometry - I
Class 16	14-Jan	Class 6	Mid Term Test
Class 17	21-Jan	Class 7	2 Dimensional Geometry - II
Class 18	28-Jan	Class 8	LCM and GCF
Class 19	4-Feb	Class 9	CML and Measurement
Class 20	11-Feb	Class 10	Number Patterns and Sequences - I
NC	18-Feb	NC	Mid Winter Break
Class 21	25-Feb	Class 11	Session Finals
			Spring Session
Class 22	4-Mar	Class 1	Number Patterns and Sequences - II
Class 23	11-Mar	Class 2	CML # 5 and Counting and Logic
Class 24	18-Mar	Class 3	MOEMS # 5 and Mixture Problems
	25-Mar		Spring Break
Class 25	1-Apr	Class 4	3 D Geometry - I
Class 26	8-Apr	Class 5	3 D Geometry - II
Class 27	15-Apr	Class 6	Mid Term Test
Class 28	22-Apr	Class 7	Challenge Problems - I
Class 29	29-Apr	Class 8	Work Problems
Class 30	6-May	Class 9	Equations; Algebra and Counting and Probability
Class 31	13-May	Class 10	Session Finals
Class 32	20-May	Class 11	Review of CMLs / Olympiads ; Summer Goals & beyond
		No Class	Memorial Day Break
		No Class	July 4th Break

GEMS - Curriculum

Running Class #	Class Date	Class Number	E5 Schedule (Tuesday 4 - 5:30 PM)
			Fall Session
	30-Aug		Placement Test
NC	6-Sep	<i>No Class</i>	<i>Labor Day Break</i>
Class 1	13-Sep	Class 1	Integers
Class 2	20-Sep	Class 2	Decimals
Class 3	27-Sep	Class 3	Fractions
Class 4	4-Oct	Class 4	Percentages
Class 5	11-Oct	Class 5	Ratios - I
Class 6	18-Oct	Class 6	Mid Term Test
Class 7	25-Oct	Class 7	Ratio, Propotion and Percentage
Class 8	1-Nov	Class 8	Estimation and Ordering
Class 9	8-Nov	Class 9	CML # 1 and Divisibility and Factoring
Class 10	15-Nov	Class 10	Session Finals
			Winter Session
Class 11	22-Nov	Class 1	Number Sentences and Word Problems
	29-Nov	NC	<i>Thanks Giving Break</i>
Class 12	6-Dec	Class 2	CML and Averages
Class 13	13-Dec	Class 3	Time, Rate & Distance
Class 14	20-Dec	Class 4	Circles
NC	27-Dec		<i>X-Mas Break</i>
NC	3-Jan		<i>X-Mas Break</i>
Class 15	10-Jan	Class 5	2 Dimensional Geometry - I
Class 16	17-Jan	Class 6	Mid Term Test
Class 17	24-Jan	Class 7	2 Dimensional Geometry - II
Class 18	31-Jan	Class 8	LCM and GCF
Class 19	7-Feb	Class 9	Measurement
Class 20	14-Feb	Class 10	Number Patterns and Sequences - I
NC	21-Feb	No Class	<i>Mid Winter Break</i>
Class 21	28-Feb	Class 11	Session Finals
			Spring Session
Class 22	7-Mar	Class 1	Number Patterns and Sequences - II
Class 23	14-Mar	Class 2	CML # 5 and Counting and Logic
Class 24	21-Mar	Class 3	MOEMS # 5 and Mixture Problems
	28-Mar		Spring Break
Class 25	4-Apr	Class 4	3 D Geometry - I
Class 26	11-Apr	Class 5	3 D Geometry - II
Class 27	18-Apr	Class 6	Mid Term Test
Class 28	25-Apr	Class 7	Challenge Problems - I
Class 29	2-May	Class 8	Work Problems
Class 30	9-May	Class 9	Equations; Algebra and Counting and Probability
Class 31	16-May	Class 10	Session Finals
Class 32	23-May	Class 11	Review of CMLs / Olympiads ; Summer Goals & beyond
NC		<i>No Class</i>	<i>Memorial Day Break</i>
NC		<i>No Class</i>	<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	M1 Schedule (Monday 5:30 - 7 PM)
			Fall Session
	29-Aug		Placement Test
NC	5-Sep	No Class	<i>Labor Day Break</i>
Class 1	12-Sep	Class 1	Simple Equations
Class 2	19-Sep	Class 2	Ratios Proportions Percentages
Class 3	26-Sep	Class 3	Average Distance Rate Time and Work Problems
Class 4	3-Oct	Class 4	LCM GCF - Advanced
Class 5	10-Oct	Class 5	Commercial Math
Class 6	17-Oct	Class 6	Mid Term Test
Class 7	24-Oct	Class 7	Simple Equations - Word Problems
Class 8	31-Oct	Class 8	Exponents (Session Quiz)
Class 9	7-Nov	Class 9	CML #1, Algebraic Expressions and Operations
Class 10	14-Nov	Class 10	Fall Session Final
			Winter Session
Class 11	21-Nov	Class 1	Lines, Angles, Properties of Triangles
NC	28-Nov	No Class	<i>Thanks Giving Break</i>
Class 12	5-Dec	Class 2	Triangles
Class 13	12-Dec	Class 3	Quadrilaterals
Class 14	19-Dec	Class 4	Circles
NC	26-Dec	No Class	<i>X-Mas Break</i>
NC	2-Jan	No Class	<i>X-Mas Break</i>
Class 15	9-Jan	Class 5	Area & Perimeter
Class 16	16-Jan	Class 6	Mid Term Test
Class 17	23-Jan	Class 7	Sequence and Series I
Class 18	30-Jan	Class 8	Sequence and Series II
Class 19	6-Feb	Class 9	Exponents and Radicals I
Class 20	13-Feb	Class 10	Exponents and Radicals II
NC	20-Feb	No Class	<i>Mid Winter Break</i>
Class 21	27-Feb	Class 11	Session Finals
			Spring Session
Class 22	6-Mar	Class 1	Exponents and Radicals II / MOEMS - 4
Class 23	13-Mar	Class 2	CML # 5, Coordinate Plane - Distance, Midpoint
Class 24	20-Mar	Class 3	MOEMS # 5, Graphing of Lines
	27-Mar	NC	Spring Break
Class 25	3-Apr	Class 4	Slope, Intercept, Equation of Line
Class 26	10-Apr	Class 5	Linear Equations in 2 Variables
Class 27	17-Apr	Class 6	Mid Term Test
Class 28	24-Apr	Class 7	Number Theory- I
Class 29	1-May	Class 8	Modular Mathematics
Class 30	8-May	Class 9	Inequalities and absolute value I
Class 31	15-May	Class 10	Session Finals
Class 32	22-May	Class 11	ACT/Review Test
NC		No Class	<i>Memorial Day Break</i>
NC		No Class	<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	M1 Schedule - Sunday (10:30 AM - 12 PM)
			Fall Session
	28-Aug		Placement Test
NC	4-Sep	No Class	<i>Labor Day Break</i>
Class 1	11-Sep	Class 1	Simple Equations
Class 2	18-Sep	Class 2	Review - Ratios, Proportions, Percentages
Class 3	25-Sep	Class 3	Review - Average, Time, rate and distance
Class 4	2-Oct	Class 4	Review- LCM, GCF
Class 5	9-Oct	Class 5	Commercial Math
Class 6	16-Oct	Class 6	Mid Term Test
Class 7	23-Oct	Class 7	Simple Equations - Word Problems
Class 8	30-Oct	Class 8	Exponents (Session Quiz)
Class 9	6-Nov	Class 9	CML #1, Algebraic Expressions and Operations
Class 10	13-Nov	Class 10	Fall Session Final
			Winter Session
Class 11	20-Nov	Class 1	Lines, Angles, Properties of Triangles
NC	27-Nov	NC	<i>Thanks Giving Break</i>
Class 12	4-Dec	Class 2	Triangles
Class 13	11-Dec	Class 3	Quadrilaterals
Class 14	18-Dec	Class 4	Circles
NC	25-Dec	No Class	<i>X-Mas Break</i>
NC	1-Jan	No Class	<i>X-Mas Break</i>
Class 15	8-Jan	Class 5	Area & Perimeter
Class 16	15-Jan	Class 6	Mid Term Test
Class 17	22-Jan	Class 7	Sequence and Series I
Class 18	29-Jan	Class 8	Sequence and Series II
Class 19	5-Feb	Class 9	Exponents and Radicals I
Class 20	12-Feb	Class 10	Volume and Surface Area
NC	19-Feb	NC	<i>Mid Winter Break</i>
Class 21	26-Feb	Class 11	Session Finals
			Spring Session
Class 22	5-Mar	Class 1	Exponents and Radicals II
Class 23	12-Mar	Class 2	Coordinate Plane-Distance, Midpoint
Class 24	19-Mar	Class 3	Graphing of Lines, Slope
NC	26-Mar	NC	<i>Spring Break</i>
Class 25	2-Apr	Class 4	Slope, Intercept, Equation of Line / CML - 4 / Test Review
Class 26	9-Apr	Class 5	Linear Equations in 2 Variables / CML - 5
Class 27	16-Apr	Class 6	Mid Term Test
Class 28	23-Apr	Class 7	Statistics
Class 29	30-Apr	Class 8	Modular Mathematics / Probability
Class 30	7-May	Class 9	Inequalities and absolute value I
Class 31	14-May	Class 10	Session Finals
Class 32	21-May	Class 11	ACT/Review / Summer Plan
NC		No Class	<i>Memorial Day Break</i>
NC		No Class	<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	M2 Schedule Mon (4 - 5:30 PM)
			Fall Session
	8/29		Placement Test
NC	5-Sep	No Class	Labor Day Break
Class 1	12-Sep	Class 1	Review- System of Equations and Linear Equations
Class 2	19-Sep	Class 2	Exponents and Logs
Class 3	26-Sep	Class 3	Polynomials
Class 4	3-Oct	Class 4	Algebraic Operations (Polynomial Multiplication and Division)
Class 5	10-Oct	Class 5	Factor Theorem, Remainder Theorem, Special Factorization
Class 6	17-Oct	Class 6	Mid Term Test
Class 7	24-Oct	Class 7	Quadratic Equation I
Class 8	31-Oct	Class 8	Quadratic Equation II
Class 9	7-Nov	Class 9	Functions I
Class 10	14-Nov	Class 10	Fall Session Final
			Winter Session
Class 11	21-Nov	Class 1	Review of Session Finals and MOEMS 1st Test
NC	28-Nov	No Class	Thanks Giving Break
Class 12	5-Dec	Class 2	Inequalities
Class 13	12-Dec	Class 3	Geometry - Angles I
Class 14	19-Dec	Class 4	Geometry - Triangles - I
NC	26-Dec	No Class	X-Mas Break
NC	2-Jan	No Class	X-Mas Break
Class 15	9-Jan	Class 5	Geometry - Triangles - II
Class 16	16-Jan	Class 6	Mid Term Test
Class 17	23-Jan	Class 7	Geometry - Quadrilaterals I
Class 18	30-Jan	Class 8	Geometry - Circles
Class 19	6-Feb	Class 9	Trigonometry I
Class 20	13-Feb	Class 10	Trigonometry II
NC	20-Feb	No Class	Mid Winter Break
Class 21	27-Feb	Class 11	Session Finals
			Spring Session
Class 22	6-Mar	Class 1	The Power of Coordinates
Class 23	13-Mar	Class 2	Co-Ordinate Geometry (Lines)
Class 24	20-Mar	Class 3	Sequence and Series
	27-Mar	NC	Spring Break
Class 25	3-Apr	Class 4	Counting and Probability
Class 26	10-Apr	Class 5	Areas of Combined Shapes I
Class 27	17-Apr	Class 6	Mid Term Test
Class 28	24-Apr	Class 7	Review and Make up Class
Class 29	1-May	Class 8	Volume and Surface Area / SAT Exam
Class 30	8-May	Class 9	Gauss Test
Class 31	15-May	Class 10	Session Finals
Class 32	22-May	Class 11	Jeopardy Style Math Contest
NC		No Class	Memorial Day Break
NC		No Class	July 4th Break

GEMS - Curriculum

Running Class #	Class Date	Class Number	M2 Schedule (Sunday 9 - 10:30 AM)
			Fall Session
	28-Aug		Placement Test
NC	4-Sep	No Class	<i>Labor Day Break</i>
Class 1	11-Sep	Class 1	Review- System of Equations and Linear Equations
Class 2	18-Sep	Class 2	Exponents and Logs
Class 3	25-Sep	Class 3	Polynomials
Class 4	2-Oct	Class 4	Algebraic Operations (Polynomial Multiplication and Division)
Class 5	9-Oct	Class 5	Factorization (Factor Theorem, Remainder Theorem, Special Factorization)
Class 6	16-Oct	Class 6	Mid Term Test
Class 7	23-Oct	Class 7	Quadratic Equation I
Class 8	30-Oct	Class 8	Quadratic Equation II
Class 9	6-Nov	Class 9	Functions I
Class 10	13-Nov	Class 10	Fall Session Final
			Winter Session
Class 11	21-Nov	Class 1	Review of Session Finals and MOEMS 1st Test
NC	NC	NC	<i>Thanks Giving Break</i>
Class 12	4-Dec	Class 2	Inequalities
Class 13	11-Dec	Class 3	Geometry - Angles I
Class 14	19-Dec	Class 4	Geometry - Triangles - I
NC	26-Dec	No Class	<i>X-Mas Break (Novi Schools 24 - 8)</i>
NC	2-Jan	No Class	<i>X-Mas Break (Novi Schools 24 - 8)</i>
Class 15	8-Jan	Class 5	Geometry - Triangles - II
Class 16	15-Jan	Class 6	Mid Term Test
Class 17	22-Jan	Class 7	Geometry - Quadrilaterals I
Class 18	29-Jan	Class 8	Geometry - Circles
Class 19	5-Feb	Class 9	Trigonometry I
Class 20	12-Feb	Class 10	Trigonometry II
NC	19-Feb	NC	<i>Mid Winter Break</i>
Class 21	26-Feb	Class 11	Session Finals
			Spring Session
Class 22	5-Mar	Class 1	The Power of Coordinates
Class 23	12-Mar	Class 2	Sequence and Series
Class 24	19-Mar	Class 3	Counting and Probability
	26-Mar		<i>No Class</i>
Class 25	2-Apr	Class 4	Areas of Combined Shapes I
Class 26	9-Apr	Class 5	Areas of Combined Shapes II
Class 27	16-Apr	Class 6	Mid Term Test
Class 28	23-Apr	Class 7	Review and Make up Class
Class 29	30-Apr	Class 8	Volume and Surface Area / SAT Exam
Class 30	7-May	Class 9	Gauss Test
Class 31	14-May	Class 10	Session Finals
Class 32	21-May	Class 11	Math Contest
NC		No Class	<i>Memorial Day Break</i>

GEMS - Curriculum

Running Class #	Class Number	Edison Science Schedule (Middle School)
		Fall Session
		Placement Test
NC	<i>No Class</i>	<i>Labor Day Break</i>
Class 1	Class 1	Scientific Method - I
Class 2	Class 2	Scientific Method - II
Class 3	Class 3	Charged Up - Electricity - I
Class 4	Class 4	Charged Up - Electricity - II
Class 5	Class 5	Matter-I
Class 6	Class 6	Mid-Term Test
Class 7	Class 7	Matter - II
Class 8	Class 8	Motion-I
Class 9	Class 9	Motion-II
Class 10	Class 10	Session Finals
		Winter Session
Class 11	Class 1	Acids and Bases
NC	<i>No Class</i>	<i>Thanks Giving Break</i>
Class 12	Class 2	Crime Busters
Class 13	Class 3	Heredity-I
Class 14	Class 4	Heredity-II
NC	<i>No Class</i>	<i>X-Mas Break</i>
NC	<i>No Class</i>	<i>X-Mas Break</i>
Class 15	Class 5	Simple Machines - I
Class 16	Class 6	Mid Term Test
Class 17	Class 7	Grasp a Graph - I
Class 18	Class 8	Simple Machines-II
Class 19	Class 9	Work and Energy I
NC	<i>NC</i>	<i>Mid Winter Break</i>
Class 20	Class 10	Project Communication, Board review & Presentation Skills
Class 21	Class 11	Session Finals
		Spring Session
Class 22	Class 1	Work and Energy II ; Board review & Presentation ; Individuals
Class 23	Class 2	Periodic Table - I - Chemistry ; Board review & Presentation ; Individuals
Class 24	Class 3	Periodic Table - II - Chemistry ; Board review & Presentation
Class 25	Class 4	Plants and Animals - Board review & Presentation - Individuals
Class 26	Class 5	Cells
Class 27	Class 6	Board review & Presentation - Individuals / Mid-Term Test
Class 28	Class 7	Board review & Presentation - Individuals / Mid-Term Test
Class 29	Class 8	Electricity & Magnetism II
Class 30	Class 9	Optics - I ; Virtual Visit to Science Center
Class 31	Class 10	Session Finals
Class 32	Class 11	Optics - II ; Summer Plan
NC	<i>No Class</i>	<i>Memorial Day Break</i>
NC	<i>No Class</i>	<i>July 4th Break</i>

GEMS - Curriculum

Running Class #	Class Date	Class Number	Curie - Science Wed (7:15 - 8:30 PM)
			Fall Session
	31-Aug		Placement Test
NC	7-Sep	No Class	<i>Labor Day Break</i>
Class 1	14-Sep	Class 1	Scientific Method - I
Class 2	21-Sep	Class 2	Scientific Method - II
Class 3	28-Sep	Class 3	Charged Up - Electricity - I
Class 4	5-Oct	Class 4	Charged Up - Electricity - II
Class 5	12-Oct	Class 5	Matter-I
Class 6	19-Oct	Class 6	Mid-Term Test
Class 7	26-Oct	Class 7	Matter - II
Class 8	2-Nov	Class 8	Motion-I
Class 9	9-Nov	Class 9	Motion-II
Class 10	16-Nov	Class 10	Session Finals
			Winter Session
	23-Nov		<i>Thanksgiving Break</i>
Class 11	30-Nov	Class 1	Acids and Bases
Class 12	7-Dec	Class 2	Crime Busters
Class 13	14-Dec	Class 3	Heredity-I
Class 14	21-Dec	Class 4	Heredity-II
NC	28-Dec		<i>X-Mas Break</i>
NC	4-Jan		<i>X-Mas Break</i>
Class 15	11-Jan	Class 5	Simple Machines - I
Class 16	18-Jan	Class 6	Mid-Term Test
Class 17	25-Jan	Class 7	Grasp a Graph - I
Class 18	1-Feb	Class 8	Simple Machines-II ; Board review & Presentation by Students
Class 19	8-Feb	Class 9	Work and Energy-I ; Board review & Presentation by Students
Class 20	15-Feb	Class 10	Project Communication, Board review & Presentation Skills
NC	22-Feb	No Class	<i>Mid Winter Break</i>
Class 21	1-Mar	Class 11	Session Finals
			Spring Session
Class 22	8-Mar	Class 1	Work and Energy II ; Board review & Presentation ; Individuals
Class 23	15-Mar	Class 2	Periodic Table - I - Chemistry ; Board review & Presentation ; Individuals
Class 24	22-Mar	Class 3	Periodic Table - II - Chemistry ; Board review & Presentation
	29-Mar		<i>Spring Break</i>
Class 25	5-Apr	Class 4	Plants and Animals - Board review & Presentation - Individuals
Class 26	12-Apr	Class 5	Cells - Board review & Presentation - Individuals
Class 27	19-Apr	Class 6	Mid-Term Test
Class 28	26-Apr	Class 7	Electricity & Magnetism I
Class 29	3-May	Class 8	Electricity & Magnetism II
Class 30	10-May	Class 9	Optics - I ; Virtual Visit to Science Center
Class 31	17-May	Class 10	Session Finals
Class 32	24-May	Class 11	Optics - II ; Summer Plan
NC		No Class	<i>Memorial Day Break</i>
NC		No Class	<i>July 4th Break</i>