التوزيع الزمني للخطة الفصلية
الفصل الدراسي الثالث (2019-2020)

الرياضيات-EN

الصف الأول

الدرس	الوحدة	عدد الحصص	أسبوع
Connect Ed - Math	التعلم عن بعد - Distance Learning	0	0
MATIFIC - INTERACTIVE MATH		0	
Lesson1: Tally Charts	Chapter 7: Organize and Use Graphs		1
Lesson 2: Problem Solving Strategy: Make a Table			
Lesson3: Make Picture Graphs			
Lesson4: Read Picture Graphs	Chapter 7: Organize and Use Graphs		2
Lesson 5: Make Bar Graphs			
Lesson 6: Read Bar Graphs			
Lesson1: Compare lengths	Chapter 8: Measurement and Time		
Lesson 2: Compare and Order Lengths			
Lesson 3: Nonstandard Units of Length	Chapter 8: Measurement and Time		3
Lesson 4: Problem-Solving Strategy: Guess, Check, and Revise			
Lesson 5: Time to the Hour: Analog			
Lesson 6: Time to the Hour: Digital	Chapter 8: Measurement and Time		4
Lesson 7: Time to the Half Hour: Analog			
Lesson 8: Time to the Half Hour: Digital			
Lesson 9: Time to the Hour and Half Hour	Chapter 8: Measurement and Time		5
Lesson 1: Squares and Rectangles	Chapter 9: Two-Dimensional Shapes and Equal Shares		
Lesson 2: Triangles and Trapezoids			
Lesson 3: Circles	Chapter 9: Two-Dimensional Shapes and Equal Shares		6
Lesson 4: Compare Shapes			
Lesson 5: Composite Shapes			

Lesson 6: More Composite Shapes	Chapter 9: Two-Dimensional Shapes and Equal Shares		7
Lesson 7: Problem-Solving Strategy: Use Logical Reasoning			
Lesson 8: Equal Parts			
Lesson 9: Halves	Chapter 9: Two-Dimensional Shapes and Equal Shares		8
Lesson 10: Quarters and Fourths			
Lesson 1: Cubes and Prisms	Chapter 10: Three-Dimensional Shapes		
Lesson 2: Cones and Cylinders	Chapter 10: Three-Dimensional Shapes		9
Lesson 3: Problem-Solving Strategy: Look for a Pattern			
Lesson 4: Combine Three-Dimensional Shapes			

الصف الثانى

الدرس	الوحدة	عدد الحصص	أسبوع
Connect Ed - Math	التعلم عن بعد - Distance Learning	0	0
MATIFIC - INTERACTIVE MATH		0	
Connect Ed - Math	التعلم عن بعد - Distance Learning	0	
Lesson 1: Time to the Hour	Chapter 9: Time		1
Lesson 2: Time to the Half Hour			
Lesson 3: Problem Solving Strategy: Find a pattern			
Lesson 4: Time to the Quarter Hour	Chapter 9: Time		2
Lesson 5: Time to Five Minute Intervals			
Lesson 6: A.M. and P.M.			
Lesson 7: Time Relationships			
Lesson 8: Using a Calendar	Chapter 9: Time		3
Lesson 9: Units of Time			
Lesson 1: Two-Dimensional Shapes	Chapter 10: Geometric Shapes and Equal Shares		
Lesson 2: Sides and Angles			
Lesson 3: Problem-Solving Strategy: Draw a Diagram	Chapter 10: Geometric Shapes and Equal Shares		4
Lesson 4: Three-Dimensional Shapes			
Lesson 5: Faces, Edges, and Vertices			
Lesson 6: Relate Shapes and Solids			
Lesson 7: Halves, Thirds, and Fourths	Chapter 10: Geometric Shapes and Equal Shares		5
Lesson 8: Area			
Lesson 1: Centimeters and Meters	Chapter 11: Metric Units and Volume		
Lesson 2: Select and Use Metric Tools			
Lesson 3: Compare Metric Lengths	Chapter 11: Metric Units and Volume		6
Lesson 4: Relate Centimeters and Meters			
Lesson 5: Measure on a Number Line			
Lesson 6: Measurement Data			
Lesson 7: Liquid Volume	Chapter 11: Metric Units and Volume		7
Lesson 8: Metric Units of Liquid Volume			
Lesson 1: Coins of 1 Fils, 5 Fils, and 10 Fils	Chapter 12: Money		

Lesson 2: Coins of 25 Fils	Chapter 12: Money		8
Lesson 3: Count Coins			
Lesson 4: Problem-Solving Strategy: Act It Out	Chapter 12: Money		9
Lesson 5: Dirhams			

الصف الثالث

الدرس	الوحدة	عدد الحصص	أسبوع
Connect Ed - Math	Distance - التعلم عن بعد Learning	0	0
MATIFIC - INTERACTIVE MATH		0	
Lesson 1: Hands On: Estimate and Measure Capacity	Chapter 11: Measurement		1
Lesson 2: Solve Capacity Problems			
Lesson 3: Hands On: Estimate and Measure Mass			
Lesson 4: Solve Mass Problems			
Lesson 5: Tell Time to the Minute	Chapter 11: Measurement		2
Lesson 6: Time Intervals			
Lesson 7: Problem-Solving Investigation: Work Backward			
Lesson 1: Collect and Record Data	Chapter 12: Represent and Interpret Data		
Lesson 2: Draw Scaled Picture Graphs			
Lesson 3: Draw Scaled Bar Graphs	Chapter 12: Represent and Interpret Data		3
Lesson 4: Relate Bar Graphs to Scaled Picture Graphs			
Lesson 5: Draw and Analyze Line Plots			
Lesson 6: Problem-Solving Investigation: Solve a Simpler Problem			
Lesson 1: Points, Lines, Line Segments, and Rays	Chapter 13: Geometry		4
Lesson 2: Hands On: Angles			
Lesson 3: Polygons			
Lesson 4: Hands On: Triangles			
Comp/ Lesson 4: Hands On: Triangles	Chapter 13: Geometry		5
Lesson 5: Quadrilaterals			
Lesson 6: Shared Attributes of Quadrilaterals			
Lesson 7: Problem-Solving Investigation: Guess, Check, and Revise			
Lesson 8: Partition Shapes	Chapter 13: Geometry		6
Lesson 9: Solid Figures			
Lesson 10: More Solid Figures			
Lesson 1: Hands On: Find Perimeter	Chapter 14: Perimeter and Area		

الصف الرابع

الدرس	الوحدة	عدد الحصص	أسبوع
Connect Ed - Math	التعلم عن بعد - Distance Learning	0	0
MATIFIC - INTERACTIVE MATH		0	
Lesson 1: Draw Points, Lines, and Rays	Chapter 12: Geometry (١)		1
Lesson 2: Draw Parallel and Perpendicular Lines			
Lesson 3: Draw Lines of Symmetry			
Lesson 4: Hands On: Build Three-Dimensional Figures			
Lesson 5: Three-Dimensional Figures			
Lesson 6: Hands On: Use Models to Find Volume	Chapter 12: Geometry (١)		2
Lesson 7: Volume of Prisms			
Complete /Lesson5:Three Dimensional Figures			
Lesson 1: Hands On: Construct Line Graphs	Chapter 13: Data		
Lesson 2: Line Graphs	Chapter 13: Data		3
Lesson 3: Circle Graphs			
Lesson 1: Convert Units of Time	Chapter 14: Measurement and Metric Units		
Lesson 2: Display Measurement Data on a Line Plot			
Lesson 3: Problem-Solving Investigation: Guess, Check, and Revise	Chapter 14: Measurement and Metric Units		4
Lesson 4: Metric Units of Length			
Complete /Lesson 2: Display Measurement Data on a Line Plot			
Lesson 5: Metric Units of Capacity			
Lesson 6: Metric Units of Mass	Chapter 14: Measurement and Metric Units		5
Lesson 7: Problem-Solving Investigation: Make an Organized List			
Lesson 8: Convert Metric Units			
Lesson 9: Solve Measurement Problems	Chapter 14: Measurement and Metric Units		6
Lesson 1: Perimeter	Chapter 15: Perimeter and Area		
Lesson 2: Problem-Solving Investigation: Solve a Simpler Problem			
Lesson 3: Hands On: Model Area			

Lesson 4: Measure Area	Chapter 15: Perimeter and Area		7
Lesson 5: Relate Area and Perimeter			
Complete / Lesson 3: Hands On: Model Area			
Lesson 1: Hands On: Model Angles	Chapter 16: Geometry (2)		
Lesson 2: Classify Angles	Chapter 16: Geometry (2)		8
Lesson 3: Measure Angles			
Lesson 4: Draw Angles			
Lesson 5: Solve Problems with Angles			
Lesson 6: Triangles	Chapter 16: Geometry (2)		9
Lesson 7: Quadrilaterals			
Complete/ Lesson 5: Solve Problems with Angles			
Lesson 8: Problem-Solving Investigation: Make a Model			

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	التعلم عن بعد - Distance Learning	0	0
MATIFIC - Interactive Math		0	
Lesson 1: Display Measurement Data on a Line Plot	Chapter 10: Measurement		1
Lesson 2: Hands On: Metric Rulers			
Lesson 3: Convert Metric Units of Length			
Lesson 4: Hands On: Estimate and Measure Metric Mass			
Lesson 5: Convert Metric Units of Mass	Chapter 10: Measurement		2
Lesson 6: Convert Metric Units of Capacity			
Lesson 7: Problem-Solving Investigation: Use Logical Reasoning			
Activities and Unit Review			
Lesson 1: Collect and Organize Data	Chapter 11: Data		3
Lesson 2: Hands On: Construct Line Graphs			
Lesson 3: Line Graphs			
Lesson 4: Making Predictions from Data			
Lesson 5: Analyze Line Graphs	Chapter 11: Data		4
Lesson 6: Problem-Solving Strategy: Make a Graph			
Lesson 7: Hands On: Mean			
Lesson 8: Mean			
Lesson 9: Median and Mode	Chapter 11: Data		5
Lesson 10: Line Plots			
Lesson 11: Hands On: Stem-and-Leaf Plots			
Activities and Unit Review			
Lesson 1: Polygons	Chapter 12: Geometry		6
Lesson 2: Hands On: Sides and Angles of Triangles			
Lesson 3: Classify Triangles			
Lesson 4: Circles			
Lesson 5: Hands On: Sides and Angles of Quadrilaterals			
Lesson 6: Classify Quadrilaterals	Chapter 12: Geometry		7

Lesson 7: Hands On: Build Three-Dimensional Figures			
Lesson 8: Three-Dimensional Figures			
Lesson 9: Hands On: Use Models to Find Volume			
Lesson 10: Volume of Prisms			
Lesson 11: Hands On: Build Composite Figures	Chapter 12: Geometry		8
Lesson 12: Volume of Composite Figures			
Lesson 13: Problem-Solving Strategy: Make a Model			
Activities and Unit Review			
Revision	Chapter 12: Geometry		9

الصف السادس عام

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	التعلم عن بعد - Distance Learning	0	0
MATIFIC - Interactive Math		0	
Inquiry Lab: Area of Parallelograms	Chapter 9: Area		1
Lesson 1: Area of Parallelograms			
Inquiry Lab: Area of Triangles			
Lesson 2: Area of Triangles			
Inquiry Lab: Area of Trapezoids			
Lesson 3: Area of Trapezoids			
Problem-Solving Investigation: Draw a Diagram	Chapter 9: Area		2
Lesson 4: Changes in Dimensions			
Lesson 5: Polygons on the Coordinate Plane			
Inquiry Lab: Area of Irregular Figures			
Lesson 6: Area of Composite Figures			
Inquiry Lab 1: Volume of Rectangular Prisms	Chapter 10: Volume and Surface Area		3
Lesson 1: Volume of Rectangular Prisms			
Lesson 2: Volume of Triangular Prisms			
Inquiry Lab 2: Relate Surface Area of Pyramids			
Lesson 3: Volume of Pyramids			
Problem-Solving Investigation: Make a Model	Chapter 10: Volume and Surface Area		4
Inquiry Lab 3: Surface Area of Rectangular Prisms			
Lesson 4: Surface Area of Rectangular Prisms			
Inquiry Lab 4: Nets of Triangular Prisms			
Lesson 5: Surface Area of Triangular Prisms			
Inquiry Lab 5: Nets of Pyramids	Chapter 10: Volume and Surface Area		5
Lesson 6: Surface Area of Pyramids			
Inquiry Lab 6: Composite Figures			
Lesson 7: Volume and Surface Area of Composite Figures			
Inquiry Lab: Statistical Questions	Chapter 11: Statistical Measures		
Lesson 1: Mean			

Lesson 2: Median and Mode			
Problem-Solving Investigation: Use Logical Reasoning	Chapter 11: Statistical Measures		6
Lesson 3: Measures of Variation			
Lesson 4: Mean Absolute Deviation			
Lesson 5: Appropriate Measures			
Lesson 1: Line Plots	Chapter 12: Statistical Displays		7
Lesson 2: Histograms			
Lesson 3: Box Plots			
Problem-Solving Investigation: Use a Graph			
Lesson 4: Shape of Data Distributions	Chapter 12: Statistical Displays		8
Inquiry Lab: Collect Data			
Lesson 5: Interpret Line Graphs			
Lesson 6: Select an Appropriate Display			
Inquiry Lab: Use Appropriate Units and Tools			
Revision	Chapter 12: Statistical Displays		9

الصف السابع عام

أسبوع	عدد الحصص	الوحدة	الدرس
0	0	Distance - التعلم عن بعد Learning	ALEKS – الرياضيات
1		Chapter 9: Volume and Surface Area	Inquiry Lab: Three-Dimensional Figures
			Lesson 1: Volume of Cylinders
			Lesson 2: Volume of Cones
			Lesson 3: Volume of Spheres
2		Chapter 9: Volume and Surface Area	Problem-Solving Investigation: Solve a Simpler problem
			Inquiry Lab: Surface Area of Cylinders
			Lesson 4: Surface Area of Cylinders
			Inquiry Lab: Nets of Cones
			Lesson 5: Surface Area of Cones
3		Chapter 9: Volume and Surface Area	Inquiry Lab: Changes in Scale
			Lesson 6: Changes in Dimensions
			Activities and Unit Review
		Chapter 10: Probability	Lesson 1: Probability of Simple Events
			Inquiry Lab 1: Relative Frequency
4		Chapter 10: Probability	Lesson 2: Theoretical and Experimental Probability
			Inquiry Lab 2: Fair and Unfair Games
			Lesson 3: Probability of Compound Events
			Lesson 4: Simulations
5		Chapter 10: Probability	Inquiry Lab 3: Simulate Compound Events
			Problem-Solving Investigation: Act It Out
			Lesson 5: Fundamental Counting Principle
			Lesson 6: Permutations
6		Chapter 10: Probability	Inquiry Lab 4: Independent and Dependent Events
			Lesson 7: Independent and Dependent Events
			Activities and Unit Review
		Chapter 11: Statistics	Lesson 1: Make Predictions
7		Chapter 11: Statistics	Lesson 2: Unbiased and Biased Samples
			Inquiry Lab 1: Multiple Samples of Data

Lesson 3: Misleading Graphs and Statistics			
Problem-Solving Investigation: Use a Graph			
Inquiry Lab 2: Collect Data			
Lesson 4: Compare Populations	Chapter 11: Statistics		8
Inquiry Lab 3: Visual Overlap of Data Distributions			
Lesson 5: Select an Appropriate Display			
Activities and Unit Review			
Revision	Chapter 11: Statistics		9

الصف الثامن عام

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	التعلم عن بعد - Distance Learning	0	0
INTERACTIVE UNIT (*** excellent for distance learning) 9-0		0	
Inquiry Lab 1: Scatter Plots	Chapter 9: Scatter Plots and Data Analysis		1
Lesson 1: Scatter Plots			
Inquiry Lab 2: Lines of Best Fit			
Lesson 2: Lines of Best Fit			
Lesson 3: Two-Way Tables			
Problem-Solving Investigation: Use a Graph	Chapter 9: Scatter Plots and Data Analysis		2
Lesson 4: Descriptive Statistics			
Lesson 5: Measures of Variation			
Lesson 6: Analyze Data Distributions			
Activities and Unit Review	Chapter 9: Scatter Plots and Data Analysis		3
Lesson 10-1: Points, Lines, and Planes	Chapter 10: Tools of Geometry		
Lesson 10-2: Linear Measure			
Lesson 10-3: Distance and Midpoints	Chapter 10: Tools of Geometry		4
Lesson 10-4: Proving Theorems about Line Segments			
Activities and Unit Review			
Lesson 11-1: Angles of Polygons	Chapter 11: Quadrilaterals		5
Lesson 11-2: Parallelograms			
Lesson 11-3: Tests for Parallelograms			
Lesson 11-4: Rectangles	Chapter 11: Quadrilaterals		6
Lesson 11-5: Rhombi and Squares			
Lesson 11-6: Trapezoids and Kites			
Activities and Unit Review	Chapter 11: Quadrilaterals		7
Lesson 1 - Introduction Set Theory	Chapter 12: Set Theory		
Lesson 2 - subsets and Set Operations			
Lesson 3 - Using Venn diagrams to Study Sets Operations	Chapter 12: Set Theory		8

الصف التاسع عام

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	التعلم عن بعد - Distance Learning	0	0
Lesson 1 - Postulates and Paragraph Proofs	Chapter 11- Reasoning and Proof		1
Lesson 2 - Algebraic Proofs			
Lesson 4 - Proving Angle Relationships	Chapter 11- Reasoning and Proof		2
Lesson 1- Parallel Lines and Transversals	Chapter 12 - Parallel and Perpendicular Lines		
Lesson 2- Angles and Parallel Lines	Chapter 12 - Parallel and Perpendicular Lines		3
Lesson 3 -Slopes of Lines			
Lesson 4 -Equations of Lines	Chapter 12 - Parallel and Perpendicular Lines		4
Lesson 5- Proving Lines Parallel			
Lesson 6 -Perpendiculars and Distance	Chapter 12 - Parallel and Perpendicular Lines		5
Lesson 1 - Classifying Triangles	Chapter 13 - Congruent Triangles		
Lesson 2 - Angles of Triangles	Chapter 13 - Congruent Triangles		6
Lesson 3 - Congruent Triangles			
Lesson 4 - Proving Triangles Congruent—— SSS, SAS	Chapter 13 - Congruent Triangles		7
Lesson 5 - Proving Triangles Congruent—— ASA, AAS			
Lesson 6 - Isosceles and Equilateral Triangles	Chapter 13 - Congruent Triangles		8
Lesson 7 - Congruence Transformations			
Lesson 8 - Triangles and Coordinate Proofs	Chapter 13 - Congruent Triangles		9
Lesson 9- Areas of Parallelograms and Triangles			

الصف التاسع متقدم

أسبوع	عدد الحصص	الوحدة	الدرس
0	0	التعلم عن بعد - Distance Learning	الرياضيات - ALEKS
1	2	Chapter 12- Reasoning and Proof	Lesson 1 - Postulates and Paragraph Proofs
	3		Lesson 2 - Algebraic Proofs
	3		Lesson 4 - Proving Angle Relationships
2	2	Chapter 13 Parallel and Perpendicular Lines	Lesson 1 - Parallel Lines and Transversals
	2		Lesson 2 - Angles and Parallel Lines
	2		Lesson 3- Slopes of Lines
	2		Lesson 4 - Equations of Lines
3	3	Chapter 13 Parallel and Perpendicular Lines	Lesson 5 -Proving Lines Parallel
	3		Lesson 6-Perpendiculars and Distance
	1	Chapter 14 - Congruent Triangles	Lesson 1- Classifying Triangles
	1		Lesson 2- Angles of Triangles
4	2	Chapter 14 - Congruent Triangles	Lesson 3- Congruent Triangles
	3		Lesson 4- Proving Triangles Congruent — SSS, SAS
	3		Lesson 5- Proving Triangles Congruent — ASA, AAS
5	3	Chapter 14 - Congruent Triangles	Lesson 6 -Isosceles and Equilateral Triangles
	2		Lesson 7 - Congruence Transformations
	3		Lesson 8 - Triangles and Coordinate Proofs
6	4	Chapter 14 - Congruent Triangles	Lesson 9 - Areas of Parallelograms and Triangles
	4	Chapter 15 - Proportions and Similarity	Lesson 1 - Ratios and Proportions
7	4	Chapter 15 - Proportions and Similarity	Lesson 2 - Similar Polygons
	4		Lesson 3 - Similar Triangles
8	4	Chapter 15 - Proportions and Similarity	Lesson 4 - Parallel Lines and Proportional Parts
	4		Lesson 5 - Parts of Similar Triangles
9	4	Chapter 15 - Proportions and Similarity	Lesson 6 - Similarity Transformations
	4		Lesson 7 - Scale Drawing and Models

الصف العاشر عام

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	Distance - التعلم عن بعد Learning	0	0
Lesson 1 - Geometric Mean	Chapter 8 - Right Triangles and Trigonometry		1
Lesson 2 - Pythagorean Theorem and Its Converse			
Lesson 3 - Special Right Triangles	Chapter 8 - Right Triangles and Trigonometry		2
Lesson 4 - Trigonometry			
Lesson 5 - Angles of Elevation and Depression	Chapter 8 - Right Triangles and Trigonometry		3
Lesson 1- Representations of Three Dimensional Figures	Chapter 9 - Extending Surface Area and Volume	4	
Lesson 2 - Surface areas of prisms and cylinders	Chapter 9 - Extending Surface Area and Volume	4	4
Lesson 3 - Surface Areas of Pyramids and Cones		4	
Lesson 4 - Volumes of Prisms and Cylinders	Chapter 9 - Extending Surface Area and Volume	4	5
Lesson 5 - Volume of Pyramids and Cones		4	
Lesson 6 - Surface Areas of Volumes and Spheres	Chapter 9 - Extending Surface Area and Volume	4	6
Lesson 7 - Spherical Geometry		4	
Lesson 8 - Congruent and Similar Solids	Chapter 9 - Extending Surface Area and Volume	4	7
Lesson 1 - Representing Sample Spaces	Chapter 10 - Probability and Measurement	4	
Lesson 2 -Probability with Permutations and Combinations	Chapter 10 - Probability and Measurement	4	8
Lesson 3 - Geometric Probability		4	
Lesson 4 - Simulations	Chapter 10 - Probability and Measurement	3	9
Lesson 5 - Probabilities of Independent and Dependent Events		3	
Lesson 6 - Probabilities of Mutually Exclusive Events		2	

الصف العاشر متقدم

الدرس	الوحدة	عدد الحصص	أسبوع
الرياضيات - ALEKS	التعلم عن بعد - Distance Learning	0	0
الرياضيات - ALEKS	التعلم عن بعد - Distance Learning	0	
Lesson 1 - Multiplying and Dividing Rational Expressions	Chapter 10 Rational Functions and Relations	3	1
Lesson 2 - Adding and Subtracting Rational Expressions		3	
Lesson 3 - Graphing Reciprocal Functions		2	
Lesson 4 - Graphing Rational Functions	Chapter 10 Rational Functions and Relations	4	2
Lesson 5 - Variation Functions		4	
Lesson 6 - Solving Rational Equations and Inequalities	Chapter 10 Rational Functions and Relations	3	3
Lesson 1 - Trigonometric Functions in Right Triangles	Chapter 11 Trigonometric Functions	3	
Lesson 2 - Angles and Angle Measures		2	
Lesson 3 -Trigonometric Functions of General Angles	Chapter 11 Trigonometric Functions	2	4
Lesson 4 - Law of Sins		3	
Lesson 5 - Law of Cosines		3	
Lesson 6 - Circular and Periodic Functions	Chapter 11 Trigonometric Functions	3	5
Lesson 7 - Graphing Trigonometric Functions		3	
Lesson 8 - Translations of Trigonometric Graphs		2	
Lesson 9 - Inverse Trigonometric Functions	Chapter 11 Trigonometric Functions	4	6
Lesson 1 - Trigonometric Identities	Chapter 12 Trigonometric Identities and Equations	4	
Lesson 2 - Verifying Trigonometric Identities	Chapter 12 Trigonometric Identities and Equations	4	7
Lesson 3 - Sum and Difference of Angles Identities		4	
Lesson 4 - Double Angle and Half Angle Identities	Chapter 12 Trigonometric Identities and Equations	3	8
Lesson 5 - Solving Trigonometric Equations		3	
Lesson 1 - Sequences as Functions	Chapter 13 Sequences and Series	2	

Lesson 2 - Arithmetic Sequences and Series	Chapter 13 Sequences and Series	2	9
Lesson 3 - Geometric Sequences and Series		3	
Lesson 4 - Infinite Geometric Series		3	

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	Distance - التعلم عن بعد Learning	0	0
Lesson 1 - Reflections	Chapter 10 - Transformations and Symmetry		1
Lesson 2 - Translations			
Lesson 3 - Rotations			
Lesson 4 - Compositions of Transformations	Chapter 10 - Transformations and Symmetry		2
Lesson 5 - Symmetry			
Lesson 6 - Dilations	Chapter 10 - Transformations and Symmetry		3
Lesson 1 - Trigonometric Functions in Right Triangles	Chapter 11 - Trigonometric Functions		
Lesson 2 - Angles and Angle Measures	Chapter 11 - Trigonometric Functions		4
Lesson 3 - Trigonometric Functions of General Angles			
Lesson 4 - Law of Sine's			
Lesson 5 - Law of Cosines	Chapter 11 - Trigonometric Functions		5
Lesson 6 - Circular and Periodic Functions			
Lesson 7 - Graphing Trigonometric Functions	Chapter 11 - Trigonometric Functions		6
Lesson 8 - Translations of Trigonometric Graphs			
Lesson 9 - Inverse Trigonometric Functions	Chapter 11 - Trigonometric Functions		7
Lesson 1 -Trigonometric Identities	Chapter 12 - Trigonometric Identities and Equations		
Lesson 2 - Verifying Trigonometric Identities	Chapter 12 - Trigonometric Identities and Equations		8
Lesson 3 - Sum and Difference of Angles Identities			
Lesson 4 - Double Angle and Half Angle Identities	Chapter 12 - Trigonometric Identities and Equations		9
Lesson 5 - Solving Trigonometric Equations			

الصف الحادي عشر متقدم

الدرس	الوحدة	عدد الحصص	أسبوع
Lesson 1 - Designing a Study	Chapter 10 Statistics and Probability		1
Lesson 2 - Distributions of Data			
Lesson 3 - Probability Distributions			
Lesson 4 - The Binomial Distribution	Chapter 10 Statistics and Probability		2
Lesson 5 - The Normal Distribution			
Lesson 6 - The Central Limit Theorem	Chapter 10 Statistics and Probability		3
Lesson 1 - Functions	Chapter 11 Functions from a Calculus Perspective		
Lesson 2 - Analyzing Graphs of Functions and Relations	Chapter 11 Functions from a Calculus Perspective		4
Lesson 3 - Continuity, End Behavior, and Limits			
Lesson 4 - Extreme and Average Rates of Change	Chapter 11 Functions from a Calculus Perspective		5
Lesson 5 - Parent Functions and Transformations			
Lesson 6 - Function Operations and Composition of Functions	Chapter 11 Functions from a Calculus Perspective		6
Lesson 7 - Inverse Relations and Functions			
Lesson 1 - Estimating Limits Graphically	Chapter 12 Calculus		7
Lesson 2 - Evaluating Limits Algebraically			
Lesson 3 - Tangent Lines and Velocity	Chapter 12 Calculus		8
Lesson 4 - Derivatives			
Lesson 5 - Area Under a Curve and Integration	Chapter 12 Calculus		9
Lesson 6 - The Fundamental Theorem of Calculus			

الصف الثانى عشر عام

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	التعلم عن بعد - Distance Learning	0	0
Lesson 1 - Descriptive Statistics	Chapter 10 - Inferential Statistics		1
Lesson 2 - Probability Distributions			
Lesson 3 - The Normal Distribution	Chapter 10 - Inferential Statistics		2
Lesson 4 - Correlation and Linear Regression			
Lesson 5 - Probability and Odds	Chapter 10 - Inferential Statistics		3
Lesson 6 - Probabilities of Compound Events			
Lesson 7 - Conditional Probability	Chapter 10 - Inferential Statistics		4
Lesson 8 - The Binomial Theorem and Probability			
Lesson 1 - Estimating Limits Graphically	Chapter 11 Calculus		5
Lesson 2 - Evaluating Limits Algebraically	Chapter 11 Calculus		6
Lesson 3 - Tangent Lines and Velocity	Chapter 11 Calculus		7
Lesson 4 - Derivatives	Chapter 11 Calculus		8
Lesson 5 - Area Under a Curve and Integration	Chapter 11 Calculus		9
Lesson 6 - The Fundamental Theorem of Calculus			

الدرس	الوحدة	عدد الحصص	أسبوع
Lesson 1 - Areas between Curves	Chapter 6 Application of Integration		1
Lesson 2 - Volume: Slicing, Disks and Washers			
Lesson 3 - Volumes by Cylindrical Shells	Chapter 6 Application of Integration		2
Lesson 4 - Arc Length and Surface Area			
Lesson 5 - Projectile Motion	Chapter 6 Application of Integration		3
Lesson 6 - Applications of Integration to Physics and Engineering			
Lesson 7 - Probability	Chapter 6 Application of Integration		4
Lesson 1 - Review of Formulas and Techniques	Chapter 7 Integration Techniques and First-Order Differential Equations		5
Lesson 2 - Integration by Parts	Chapter 7 Integration Techniques and First-Order Differential Equations		6
Lesson 3 - Trigonometric Techniques of Integration	Chapter 7 Integration Techniques and First-Order Differential Equations		7
Lesson 4 - Integration of Rational Functions Using Partial Fractions	Chapter 7 Integration Techniques and First-Order Differential Equations		8
Lesson 5 - Integration Tables and Computer Algebra Systems			
Lesson 6 -Modeling with Differential Equations	Chapter 7 Integration Techniques and First-Order Differential Equations		9
Lesson 7: Separable Differential Equations			

الصف العاشر أكاديمية الثقافة الإسلامية

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	Distance - التعلم عن بعد Learning	0	0
Lesson 1 - Geometric Mean	Chapter 8 - Right Triangles and Trigonometry	0	1
Lesson 2 - Pythagorean Theorem and Its Converse		0	
Lesson 3 - Special Right Triangles	Chapter 8 - Right Triangles and Trigonometry	0	2
Lesson 4 - Trigonometry		0	
Lesson 5 - Angles of Elevation and Depression	Chapter 8 - Right Triangles and Trigonometry	0	3
Lesson 1- Representations of Three Dimensional Figures	Chapter 9 - Extending Surface Area and Volume	4	
Lesson 2 - Surface areas of prisms and cylinders	Chapter 9 - Extending Surface Area and Volume	4	4
Lesson 3 - Surface Areas of Pyramids and Cones		4	
Lesson 4 - Volumes of Prisms and Cylinders	Chapter 9 - Extending Surface Area and Volume	4	5
Lesson 5 - Volume of Pyramids and Cones		4	
Lesson 6 - Surface Areas of Volumes and Spheres	Chapter 9 - Extending Surface Area and Volume	4	6
Lesson 7 - Spherical Geometry		4	
Lesson 8 - Congruent and Similar Solids	Chapter 9 - Extending Surface Area and Volume	4	7
Lesson 1 - Representing Sample Spaces	Chapter 10 - Probability and Measurement	4	
Lesson 2 -Probability with Permutations and Combinations	Chapter 10 - Probability and Measurement	4	8
Lesson 3 - Geometric Probability		4	
Lesson 4 - Simulations	Chapter 10 - Probability and Measurement	3	9
Lesson 5 - Probabilities of Independent and Dependent Events		3	
Lesson 6 - Probabilities of Mutually Exclusive Events		2	

الصف الثاني عشر أكاديمية الثقافة الإسلامية

الدرس	الوحدة	عدد الحصص	أسبوع
ALEKS – الرياضيات	التعلم عن بعد - Distance Learning	0	0
10-1 الاحصاء الوصفي	الوحدة 10- الاحصاء الاستقرائي	0	1
10-2 التوزيعات الاحتمالية		0	
10-3 التوزيع الطبيعي	الوحدة 10- الاحصاء الاستقرائي	0	2
10-4 الارتباط والانحدار الخطي		0	
10-5 الاحتمال والفرص	الوحدة 10- الاحصاء الاستقرائي	0	3
10-6 احتمال الأحداث المركبة		0	
10-7 الاحتمال المشروط	الوحدة 10- الاحصاء الاستقرائي	0	4
10-8 نظرية ذات الحدين والاحتمال		0	
11-1 تقدير النهايات بيانيا	الوحدة 11- التفاضل والتكامل	0	5
11-2 إيجاد قيمة النهايات جبريا	الوحدة 11- التفاضل والتكامل	0	6
11-3 المماسات والسرعة المتجه	الوحدة 11- التفاضل والتكامل	0	7
11-4 المشتقات	الوحدة 11- التفاضل والتكامل	0	8
11-5 المساحة تحت المنحنى والتكامل	الوحدة 11- التفاضل والتكامل	0	9
11-6 النظرية الأساسية في التفاضل والتكامل		0	