

Al Noor International School
Riyadh, Kingdom of Saudi Arabia

Grade 8 Second Semester Syllabus

TABLE OF CONTENTS

S#	SUBJECTS	Page
1	English	1 – 2
2	Mathematics	3
3	Science	4
4	Social Studies	5
5	Computer	5

Grade 8 English Syllabus		
LITERATURE	TEXT BOOK PAGE	WORKBOOK PAGE
LESSONS		
Unit 3		
Lesson 1: Who Can Replace Man?	SA.P.142-157	LC pp. 90-91
Lesson 2: The Ninny/The Governess from The Good Doctor	SA.P.158-171	LC pp. 98-99/100-101
Lesson 3: Everybody laughs, Everybody Cries from Science Daily/ Examining 1962's "Laughter Epidemic" from the Chicago Tribune	SA.P. 172-181	LC pp. 108-109
Lesson 4: Attention/The Road Not Taken	SA.P. 182-185	LC pp. 116-117
Lesson 5: Games at Twilight/ Childhood and Poetry	SA.P. 186-206	LC pp. 124-125
Unit 4		
Lesson 1: To Build a Fire	SA pp. 222-253	LC pp. 140-141
Lesson 2: <i>from</i> Under the Persimmon Tree / Letter to a Young Refugee	SA pp. 254-261 / SA pp. 262-269	LC pp. 148-149
Lesson 3: Ra (Helios) God of Radiance	SA pp. 270-277	LC pp. 156-157
Lesson 4: Make the Choice of Service / "Hope is the thing with feather"	SA pp. 278-283 / SA pp. 284-285	LC pp. 164-165
Lesson 5: Perseus / Percy-Us Brings the Gawgon's Head	SA pp. 286-293 / SA pp. 294-300	LC pp. 172-173
GRAMMAR		
LESSON	TEXT BOOK PAGE	
Unit 3		
Lesson 1: Conjunctive Adverbs	LC pp. 94-95	
Lesson 2: Appositives	LC pp. 104-105	
Lesson 3: Correcting Vague Pronouns	LC pp. 112-113	
Lesson 4: Gerunds	LC pp. 120-121	
Lesson 5: Infinitives	LC pp. 128-129	
Unit 4		
Lesson 1: Verb Moods: Subjunctive and Conditional	LC pp. 144-145	
Lesson 2: Subject-Verb Agreement	LC pp. 152-153	
Lesson 3: Use Commas Correctly	LC pp. 160-161	
Lesson 4 : Inappropriate Shifts in Mood	LC pp. 168-169	
Lesson 5: Punctuating Dialogue	LC pp. 176-177	

Vocabulary		
LESSON	TEXT BOOK PAGE	
Unit 3		
Lesson 1: Selection Vocabulary/Technical and Scientific Vocabulary	LC pp. 92-93	
Lesson 2 : Selection Vocabulary/Roots and Affixes	LC pp. 102-103	
Lesson 3: Selection Vocabulary/Greek and Latin Prefixes	LC pp. 110-111	
Lesson 4: Selection Vocabulary/Multiple-Meaning Words	LC pp. 118-119	
Lesson 5: Selection Vocabulary/Denotations and Connotations	LC pp. 126-127	
Unit 4		
Lesson 1: Selection Vocabulary/ Word Relationships	LC pp. 142-143	
Lesson 2: Selection Vocabulary/ Multiple-Meaning Words	LC pp. 150-151	
Lesson 3: Selection Vocabulary/ Use Correct Spelling	LC pp. 158-159	
Lesson 4: Selection Vocabulary/ Analogies	LC pp. 166-167	
Lesson 5: Selection Vocabulary/ Interpret Puns	LC pp. 174-175	
Writing		
LESSON	TEXT BOOK PAGE	WORKBOOK PAGE
Unit 3		
Lesson 1: Write an Argument	LC pp. 96-97	
Lesson 2: Write a Literary Analysis	LC pp. 106-107	
Lesson 3: Write an Argument	LC pp. 114-115	
Lesson 4: Write a Letter	LC pp. 122-123	
Lesson 5: Write a Poem	LC pp. 130-131	
Unit 4		
Lesson 1: Write a Narrative	LC pp. 146-147	
Lesson 2: Write a Letter	LC pp. 154-155	
Lesson 3: Write a Research Report	LC pp. 162-163	
Lesson 4: Write a Persuasive Speech	LC pp. 170-171	
Lesson 5: Write a Parody	LC pp. 178-179	

Subject: Envision Mathematics		Grade 8
Second Semester		
Topic 2: Analyze and Solve Linear Equations		TB Page
Lesson 8: Understand the y-intercept of a Line		139-144
Lesson 9: Analyze Linear Equations: $y = mx + b$		145-150
Topic 3: Use Functions to Model Relationships		TB Page
Lesson 1: Understand Relations and Functions		165-170
Lesson 2: Connect Representations of Functions		171-176
Lesson 3: Compare Linear and Nonlinear Functions		177-182
Lesson 4: Construct Functions to Model Linear Relationships		189-194
Lesson 5: Intervals of Increase and Decrease		195-200
Lesson 6: Sketch Functions from Verbal Descriptions		201-206
Topic 4: Investigate Bivariate Data		TB Page
Lesson 1: Construct and Interpret Scatter Plots		219-224
Lesson 2: Analyze Linear Associations		225-230
Lesson 3: Use Linear Models to Make Predictions		231-237
Lesson 4: Interpret Two-Way Frequency Tables		239-244
Lesson 5: Interpret Two-Way Relative Frequency Tables		245-250
Topic 5: Analyze and Solve Systems of Linear Equations		TB Page
Lesson 1: Estimate Solutions by Inspection		267-272
Lesson 2: Solve Systems by Graphing		273-278
Lesson 3: Solve Systems by Substitution		281-286
Lesson 4: Solve Systems by Elimination		287-292

Grade 8 Science Syllabus			
Topic / Lesson		TB. pp.	WB. pp.
Topic 3: Forces and Motion			
Lesson: 2	Speed, Velocity, and Acceleration	TB. pp. 128 - 138	WB. pp. 24-25
Lesson: 3	Newton's Laws of Motion	TB. pp. 140 - 149	WB. pp.26-27
Lesson :4	Friction and Gravitational Interactions	TB.pp. 150 - 159	WB.pp.28-29
Topic 4: Genes and Heredity			
Lesson: 1	Patterns of Inheritance	TB. pp.172 - 182	WB. pp.30-31
Lesson: 2	Chromosomes and Inheritance	TB. pp. 184 - 193	WB. pp. 32-33
Lesson: 3	Genetic Coding and Protein Synthesis	TB. pp. 194 - 203	WB. pp.34-35
Lesson: 4	Trait Variations	TB. pp. 204 - 215	WB. pp.36-37
Lesson: 5	Genetics Technology	TB. pp. 216 – 224 226-233	WB. pp.38-39
Topic 5: Natural Selection and Change Over Time			
Lesson: 1	Early Study of Evolution	TB. pp.238 -247	WB. pp.40-41
Lesson: 2	Natural Selection	TB. pp. 248 - 257	WB. pp.42-43

Grade 8 Social Studies Syllabus		
LESSON	TEXT BOOK PAGE	WORKBOOK PAGE
Chapter 3 Europe		
Lesson 1 People and Land	64-69	43-46
Lesson 2 Europe's Famous Rivers	70-73	47-48
Lesson 3 The Rhine River: A Case Study	74-77	49-50
Lesson 4 Europe's Famous Mountains	78-81	51-52
Lesson 5 The Alps: A Case Study	82-94	53-55
Chapter 4 International Organizations		
Lesson 1 The Arab Common Market (ACM)	95-97	59-61
Lesson 2 The European Union United in Diversity	98-102	62
Lesson 3 The European Union Single Market	103-109	63-68
Lesson 4 The League of Nations	110-115	70-75

Subject: Computer		Grade:8
Second Semester		
123D Design	TB	
Introducing the 123D design software Creating the first 3D object Changing the properties of an object	48-49	
Aligning objects Creating patterns	50-51	
Creating complicated 3D objects	52-53	
Projects	54	
Hippani Animator	TB	
Introducing the software Hippani Building the first animation project	56-57	
Creating animation Blinking an object	58-59	
Creating a flying butterfly	60-61	
Project	62	