

8th Grade Math 2016-2017

Yap Seventh-Day Adventist School

Yearly Lesson Outline with NAD Standards

Big Ideas Math

Quarter 1

Chapter 1: 1.1, 1.2, 1.3, 1.3b, 1.4, 1.5

8.OAT.3 – Analyze and solve linear equations and pairs of simultaneous linear equations (8.EE.7,8)

8.OAT.2 – Understand and graph the connections between proportional relationships, lines, slope, and linear equations (8.EE.5,6)

Chapter 2: 2.1, 2.2, 2.2b, 2.3, 2.4, 2.5, 2.6, 2.7

8.DSP.1 – Investigate patterns of association in bivariate data (8.SP.1,2,3,4)

8.OAT.2 – Understand and graph the connections between proportional relationships, lines, slope, and linear equations (8.EE.5,6)

8.OAT.3 – Analyze and solve linear equations and pairs of simultaneous linear equations (8.EE.7,8)

Quarter 2

Chapter 3: 3.1, 3.2, 3.3, 3.4, 3.5

8.OAT.2 – Understand and graph the connections between proportional relationships, lines, slope, and linear equations (8.EE.5,6)

8.OAT.3 – Analyze and solve linear equations and pairs of simultaneous linear equations (8.EE.7,8)

8.OAT.4 – Define, evaluate, compare, and use functions to model relationships between quantities (8.F.1,2,3,4,5)

Chapter 4: 4.1, 4.2, 4.3, 4.4, 4.4b

8.OAT.2 – Understand and graph the connections between proportional relationships, lines, slope, and linear equations (8.EE.5,6)

8.OAT.4 – Define, evaluate, compare, and use functions to model relationships between quantities (8.F.1,2,3,4,5)

Quarter 3

Chapter 5: 5.1, 5.2, 5.3, 5.4, 5.5

8.GEO.1 – Understand congruence and similarity using various mediums including geometric software (8.G.1,2,3,4,5)

Chapter 6: 6.1, 6.2, 6.3, 6.3b, 6.4, 6.5

8.OAT.1 – Work with radicals and integer exponents (8.E.E.1,2,3,4)

8.GEO.2 – Understand and apply the Pythagorean Theorem (8.G.6,7,8)

Quarter 4

Chapter 7: 7.1, 7.2, 7.3, 7.3b, 7.4

8.DSP.1 – Investigate patterns of association in bivariate data (8.SP.1,2,3,4)

Chapter 8: 8.1, 8.2, 8.3, 8.4

8.OAT.3 – Analyze and solve linear equations and pairs of simultaneous linear equations (8.EE.7,8)

Chapter 9: 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.6b

8.OAT.1 – Work with radicals and integer exponents (8.E.E.1,2,3,4)