

IB AI HL Seniors
Coach Appel
2021-2022
1st 9 Weeks

8/09 Introduction/ Answer Q's from Summer Work	8/10 Summer Work Test	8/11 11A Real Quadratics 11B Complex Numbers	8/12 11C Operations with Complex Numbers	8/13 11D Equality of Complex Numbers
8/16 11E The Complex Plane	8/17 11F Modulus and argument	8/18 11G Geometry in the Complex Plane 11H Polar Form	8/19 11H Continued	8/20 11I Exponential Form
8/23 Review	8/24 Chapter 11 Test	8/25 12A Matric Structure, 12B Matrix Equality, 12C + & -	8/26 12D Scalar Multiplication 12E Matrix Algebra	8/27 12F Matrix Multiplication
8/30 12G The Inverse of a Matrix	8/31 12H Simultaneous linear equations	9/01 Review	9/02 Chapter 12 Test	9/03 Task
9/06 Labor Day	9/07 17A Rates of Change	9/08 17B Instantaneous rate of change 17 Limits	9/09 17D The gradient of a tangent	9/10 17E The derivative function, 17F Differentiation 1 st
9/13 Review	9/14 Chapter 17 Test	9/15 18A Simple rules of differentiation	9/16 18B The chain rule	9/17 18C The product rule
9/20 18D The quotient rule	9/21 18E Derivatives of Exponential Functions	9/22 18F Derivatives of Log Functions	9/23 18G Derivatives of Trig Functions	9/24 18H Second derivatives
9/27 Review	9/28 Chapter 18 Test	9/29 19A Tangents	9/30 19A Continued	10/01 19B Normals
10/04 19C Increasing and Decreasing	10/05 19D Stationary Points	10/06 19D Continued	10/07 Review	10/08 Chapter 19 Quiz End of Q1