



Jeddah Knowledge International School
IB DP Department
Summer work
Grade12
2020-2021

The summer work will be included in the Quarter1 formative assessment.

MAA HL

Study the following :

Chapter 1 Sequences, Series, and Proof

Chapter 2 Functions

Chapter 3 Complex Numbers and Polynomials

Chapter 4 Differentiation

Chapter 7 Exponents, Logarithms, and integration

Chapter 8.1 Areas and volumes

- **IXL: Calculus:** B.5, B.6, D.1, D.9, H.1, H.2, I.6, J.7, K.6, L.13, L.14, M.1, M.2
- **IXL: Precalculus:** C.8, C.9, D.1, D.2, D.4, D.5, D.7, D.8, D.10, D.11, F.17, R.4, R.5, R.6, W.12, W.18,
- **Solve the following Past papers:**

May 19/TZ1/Paper 1: Questions 5,7,8,10

May 19/TZ2/Paper 1: Questions 1,3,5,7,8,11

May 19/TZ1/Paper 2: Questions 1,5,7,8,11

May 19/TZ2/Paper 2: Questions 7,8,9

MAA SL

- **Study the following :**

Chapter 1: Sequence and Series

Chapter 2: Introducing Functions

Chapter 3: Linear and quadratic functions

Chapter 4: Rational Functions

Chapter 5: Differentiation

Chapter 7: Linear Modeling

Chapter 9: Exponential and Logarithms

Chapter 11-12-13.1: Trigonometry

- **IXL: Calculus:** B.5, B.6, D.1, D.9, K.2, K.3, K.4, K.5, K.6, L.4, L.10, L.12, L.13, L.14.
- **IXL: Precalculus:** C.8, C.9, E.1, F.12 M.15, M.16, N.2, N.6, N.9, N.11, N.12, F.17, W.12, W.18, Z.7, Z.6.
- **Solve the following Past papers :**

M19/Tz1/P1 questions 3, 4,5,8,10abc

M19/tz2/p1 questions 3,4,5,6,7,9

M19/Tz1/p2 questions 2,3,4,5,7,8,

M19/Tz2/p2 questions 1,2,3,4,10