Week	Class 1	Class 2	Class 3
WEEK 1 Aug 6-7		**2ABC Number Patterns Arithmetic, Geometric Sequences,** HW Ex 2A #2ch, 5af; Ex 2B #1f, 2c; Ex 2C #1, 3, 5af, 6a, 7a, 8, 9	**2D, 4F Geometric Sequences, Compound Interest** HW Ex 2D #2, 6c, 7a, 8c, 9, 15, 19; Ex 4F#1, 2
WEEK 2 Aug 10-14	**2E Series** HW Ex 2E.1 #1ae; Ex 2E.2 #1c, 2a, 3, 5, 6, 11; Ex 2E.3 #1bc, 2cd, 4, 6, 7	**2F Sigma Notation** HW Ex 2F #1c, 3c, 4c, 5ab and IB packet #1 - 8	**1ABCD - Functions, Domain, Range, Notation, Composite,** HW Ex 1A #1ce, 2bcdf; Ex 1B #1acd, 2ad; Ex 1C #2d, 3b, 4e, 5a, 12, 14; Ex 1D #2, 3
WEEK 3 Aug 17-20	**Quiz (Sequences & Series)**	**1FG - Inverse Functions,** HW Ex 1F #1, 2c, 4bc, 5, 7b, 11, 13; Ex 1G #2, 3	HOLIDAY
WEEK 4 Aug 24-28	**Transformations & Reflections, Rational Functions,** HW Worksheets, Ex 22F.1 #1ab, 2a (not ii)	**Stretches, Compressions & Exponential Functions,** HW Worksheets, Ex 3G #2, 4 (Sketch and label the horizontal asymptotes for all graphs)	**Mixing Transformations,** HW Worksheets, IB Packet #1 - 7
WEEK 5 Sept 1-4	HOLIDAY	**3ABC - Exponent Laws,** HW Ex 3A #1; Ex 3B #1efhi; Ex 3C #1fh, 2dg, 3cg, 4hip, 6dh, 7g, 8fh, 9dj, 10cjmnl, 11hklp, 12fip, 13	**Quiz (Functions) - IASAS Students Need To Do This Before They Leave**
WEEK 6 Sept 7-11	**Review**	**Test** **(Seq & Functions)** **IASAS Students Given Option of Doing The Test On Thurs or Friday**	FACULTY INSERVICE
WEEK 7 Sept 14-18	**3DE - Rational Indices & Algebraic Expansion,** HW Ex 3D #1ag, 2d, 3ceg, 4d, 5c, 6agj; Ex 3E #1aef, 2ajk	**3FH - Exponential Equations and Growth,** HW Ex 3F #1gjl, 2dlnp, 3bc, 4bf; Ex 3H #1, 4, Ex 4E #1, IB packet #1, 6	**3I, 4A - Decay and Intro to Logs,** HW Ex 3I #1, 3ab; Ex 4E #3; Ex 4A #1ace; 2bcd, 3abcehloqrst, 4bd, 5acd, bcfh
WEEK 8 Sept 22-25	HOLIDAY or BOB	**Quiz (Exponents, no Decay)**	**4B, 5B - Logs in Base 10, Natural Logs,** HW Ex 4B #1acdgnop, 2bi, 6acdfg; Ex 5B #1, 5, 6dg, 7abce HW Practice Portfolio Assignment (Infinite Surds)

WEEK 9 Sep28-Oct2	**4C, 5C - Log Laws,** HW Ex 4C #1acgklo, 2adi, 3, 4ade; Ex 5C #1dgikl, 2bdfh, 3ceg	**4C, 5C - Log Laws,** CW Ex 4C #7acde, 8, 9, 10; IB Packet #2, 3, 7, 8ab, 9a **Go over practice portfolio assignment, and exemplar practice portfolio assignment**	**Hand out portfolio assignment, discuss it, work day,** HW Draft handwritten portfolio, with all of the working and general statements completed, which will count as a minor assessment grade
WEEK 10 Oct 5-9	**Portfolio Work Day**	**Portfolio Work Day**	**4D, 5D - Exponential Equations Using Logs,** CW Ex 4D #1fg, 2bf; Ex 4E #4; Ex 5D #1bh; Ex 5E #1a, 3c
WEEK 11 Oct 12-16	**4G - Change of Base Rule,** HW Ex 4G #1ab, 3a, 4; IB Packet #8c, 9b	**5F - Inverse Functions and Logs,** HW Ex 5F #2, 4, 5; IB Packet #4, 5	**Logs Work Day** and **Solving Quadratic Equations Review (but no lesson)** CW Ex 8D.1 #1fl, 2cfh, 3f, 4c, 5c, 6; Ex 8D.2 #1d; Ex 8E #1b, 2df;
WEEK 12 Oct 19-23	**8FGK Solving Quadratic Equations,** HW Ex 8F #1c, 2b; Ex 8G #3, 8; Ex 8K #1bd, 2ac	**Quiz (Logs), IASAS Students Might Do This Quiz Before They Leave or Be Exempted**	**8ABHJ - Quadratic Functions,** HW Ex 8A #1, 2b, 3b, 4a; Ex 8B.1 #1bef, Ex 8H #3cd, 4acei, 5chk, 6gh
WEEK 13 Nov 3-6	HOLIDAY/FLEX	**Review**	**Test (Exponents & Logs)**
WEEK 14 Nov 9-13	**8BJ - Graphs to Equations,** HW Ex 8B.1 #2, Ex 8B.2 #2, 3bf, 6; Ex 8J #1af, 2acgh, 3bc, 4ad; IB Packet #4, 5	**8IL - Discriminant, Modelling,** HW Ex 8I.1 #1aef, 3ab; Ex 8I.2 #1bc, 2a; Ex 8L #1, 2, 6; IB Packet #1 - 3	**10CDEF - Right Angled Trig Review** HW Ex 10C #1be, 2, 5, 6; Ex 10D #1ae, 3c, 4b, 5b, 6a, 7ac, 11, 12; Ex 10E #2, 6, 8; Ex 10F #1bc, 2b, 3a
WEEK 15 Nov 16-20	**12AC - Area, Cosine Rule** HW Ex 12A #1ac, 2, 3; Ex 12C #1a, 2, 4; Ex 12E #1, 3, 8, 10, 11	**Quiz (Quadratics)** **Potential Portfolio Feedback**	**12D - Sine Law, Ambiguous Case** HW Ex 12D.1 #1ac, 2c; Ex 12D.2 #1, 2; Ex 12E #7; IB Packet #1 - 5
WEEK 16 Nov 23-27	**13B - Radians, Arc Length, Sector Area,** HW - Ex 13B.2 (all), IB Packet #1	**Quiz (Triangle Trigonometry)** **Potential Porfolio Feedback**	**Review**
WEEK 17 Dec 1-4	**Holiday** **Potential Portfolio Feedback**	**Test** **(Quadratics & Triangle Trig)**	**13DGK - Trig Functions,** HW - Worksheets
WEEK 18 Dec 7-11	FLEX - WORK DAY **Potential Portfolio Feedback**	**ICARE**	**ICARE**

WEEK 19 Dec 14-16	**13E, 13F.4 - Trig Functions, Finding the Equations** HW - Worksheets; Ex 13E #1, 2, 5, 6 (students should also find cosine models), Ex 13F.4 #1, 3; IB Packet #2, 3, 6, 7	**13CI - Trig Identities,** HW - Ex 13C.1 #2ad, 3bc, 5 (students should also find the value of tan for all exercises); Ex 13I # #1de, 2agek, 3ac, 4abfghi, 5a, 6bc	**Holiday - NOTE: Everyone should be finished with 13CI and portfolio feedback by the end of the**

13J - Double Angle Formulae, HW - Ex 13J #1 - 5, 6bdjlqr, 7; IB