

11.1 IB Math - Unit 7 Sequences and Series

Bronx Early College Academy

Christopher J. Huson PhD

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7.1 Introduction and definitions Monday 18 March

7.2 Deltamath recursive notation practice, Tuesday 19 March

7.3 Geometric sequences, Wednesday 20 March

7.4 Arithmetic series, Thursday 21 March

7.5 Geometric series, Monday 24 March

GQ: How do we work with sequences?

CCSS: HSF.BF.A.2 Write arithmetic and geometric sequences, use them to model situations

7.1 Monday 18 March

Do Now: Complete Investigation - *Saving Money* p. 162

Lesson: Arithmetic sequences, recursion, definitions p.161-6

Homework: Exercises 6A (a & b only) p. 164, 6B p. 166

GQ: How do we use recursive notation?

CCSS: HSF.BF.A.2 Write arithmetic and geometric sequences, use them to model situations

7.2 Tuesday 19 March

Deltamath probability practice

Homework: Complete Deltamath exercises

GQ: How do we model compound growth?

CCSS: HSF.BF.A.2 Write arithmetic and geometric sequences, use them to model situations

7.3 Wednesday 20 March

Do Now: Exercise 6C p. 167

Lesson: Geometric sequences, Sigma notation p.167-171

Homework: Exercises 6D, 6E, 6F (odds only) p. 168, 169, 171

GQ: How do we calculate the sum of a sequence?

CCSS: HSF.BF.A.2 Write arithmetic and geometric sequences, use them to model situations

7.4 Thursday 21 March

Do Now: Exercise 6E #4, #6 p. 169-170

Lesson: Arithmetic series, Sigma notation p.167-171

Homework: Exercises 6G, 6H (odds only) p. 173-5

GQ: How do we calculate the sum of a sequence?

CCSS: HSF.BF.A.2 Write arithmetic and geometric sequences, use them to model situations

7.5 Monday 24 March

Do Now: Review exercise #1, #2a, 2b, #3 p. 189

Lesson: Geometric series p. 175-7

Homework: Exercises 6I, 6J (a, c only) p. 176, 178