

11.1 IB Math - Unit 7 Sequences and Series

Bronx Early College Academy

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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 Geometric sequences, Thursday 21 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