(A) Lesson Context

BIG PICTURE of this UNIT:	• How can I analyze growth or decay patterns in data sets & contextual problems? • How can I algebraically & graphically summarize growth or decay patterns? • How can I compare & contrast linear and exponential models for growth and decay problems.		
CONTEXT of this LESSON:	Where we've been In Lessons 1,2,3, you generated & analyzed data from a variety of activities	Where we are How do we work with equations that model growth & decay patterns	Where we are heading How can I use equations that will help me make predictions about scenarios which feature exponential growth & decay?

(A) Lesson Objectives:

a. Write exponential equations to model real world applications
b. Make predictions/extrapolations through numeric or algebraic analysis
c. Use multiple representations to solve the exponential equations that arise from real world applications

(B) Classwork Asignment:

i. From the Nelson 12 text, Chap 2.3, p110-112, Q2,4,5,6,13,14,15, 19 (for an A), 20 (for an A+)

(C) Classwork/Homework Links

i. Watch this video and record the examples as they get developed
ii. Watch this second video and record the examples as they get developed
iii. If necessary, watch this third video and record the examples as they get developed

(D) Homework

i. Complete the video notes
ii. From the Nelson 11 Textbook, Chap 1.8, p 70, Q4acde, 5acde