

Exponential Functions and Geometric Sequences Websites

Rational Exponents Videos:

<http://www.shmoop.com/video/fractional-exponents>

<https://www.youtube.com/watch?v=vOk-4tdEhfw>

Rational Exponents Websites:

<http://www.mathwarehouse.com/algebra/exponents/fraction-exponents/formula-examples-simplify-exponents-with-fractions.php>

<http://coxmath.blogspot.com/2010/08/exponent-rules.html>

Math Counts Video on Geometric Sequences:

<https://www.mathcounts.org/resources/video-library/mathcounts-minis/mini-12-arithmetic-and-geometric-sequences>

Geometric Sequence Reduction Video:

<http://realteachingmeansrealllearning.blogspot.com/2011/09/geometric-sequences-reductions.html>

3 – Acts – the incredible shrinking dollar

<http://blog.mrmeyer.com/2011/3acts-incredible-shrinking-dollar/>

Interactive arithmetic and geometric sequences applets

<http://www.shodor.org/interactivate/activities/Sequencer/>

http://www.mathematicsvisionproject.org/uploads/1/1/6/3/11636986/sec1_mod2_sequences_se_90312.pdf

SAS Curriculum Pathways (Unit Four, Lesson Three) Graphing Exponential Functions

Unit Four, Lesson Two – Geometric Sequences:

<https://www.sascurriculumpathways.com/portal/>

Mathbits Notebook – Exponential Functions and Decay and Growth Functions:

<http://mathbitsnotebook.com/Algebra1/FunctionGraphs/FNGoutline.html>

Activity on Exponential Functions:

<http://audrey-mcsquared.blogspot.com/2013/01/activity-for-exponential-functions.html>

North High School Resources on Growth and Decay:

<http://www.pkwy.k12.mo.us/north/homepages/assignment.cfm?UserID=nhsalgebra1&TeacherCourseID=4834D725-1CC4-EACA-CE015011BB052D5C>

Exponential Growth Model Activity:

<http://math.rice.edu/~lanius/pro/rich.html>

Desmos Exponential Graphing with Sliders

<https://www.desmos.com/calculator/fnyy8cifhu>

Desmos Activities:

<https://teacher.desmos.com/activitybuilder/custom/56c7458cb289584109c2d337>
<https://teacher.desmos.com/activitybuilder/custom/579bd9fe3037419e171c207d#>
<https://teacher.desmos.com/pennycircle>
<https://teacher.desmos.com/activitybuilder/custom/57ee9583d2f184680755ac5d#>

Activities for Exponential Functions:

<http://a4a.learnport.org/page/exponential-functions>

Videos for lessons on solving exponential equations:

<http://www.onlinemathlearning.com/solving-exponential-equations.html>

Website to introduce solving exponential equations:

<http://squarerootofnegativeoneteachmath.blogspot.com/2015/03/solving-exponential-equations-no-logs.html>

Website for more problems for solving exponential equations:

<https://www.chilimath.com/algebra/advanced/expo/expo-eq.html>

Quizzizz on solving exponential equations:

<https://quizizz.com/admin/quiz/582f0fc339225944669c1be5>

Quizlet Flashcards on solving equations:

<https://quizlet.com/175320089/solving-exponential-equations-without-logs-flash-cards/>