
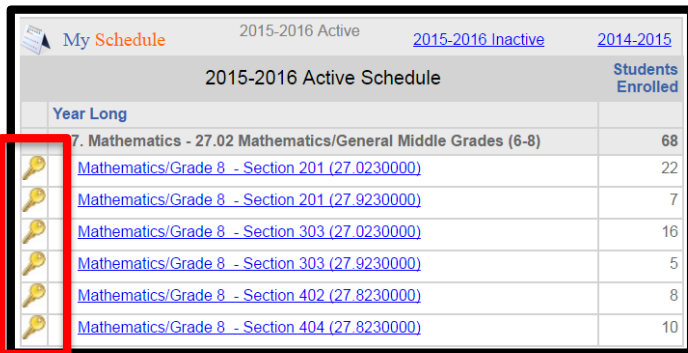








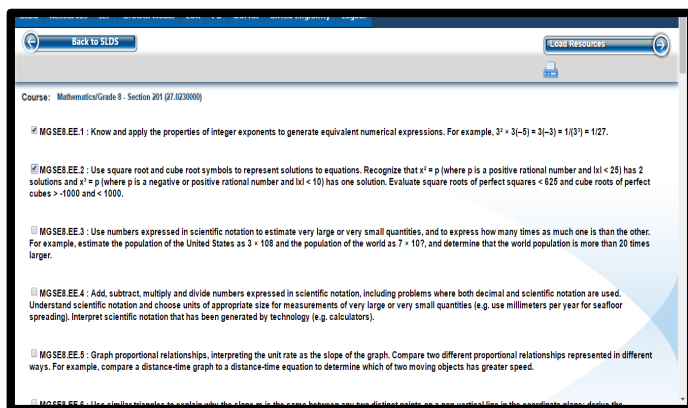
Find Resources in TRL through the Course Keys

1. Sign into SLDS to open your dashboard.
2. Find and select a **gold key icon**  located next to the courses listed under Active Schedule.




2015-2016 Active Schedule		Students Enrolled
Year Long		
7. Mathematics - 27.02 Mathematics/General Middle Grades (6-8)		68
 Mathematics/Grade 8 - Section 201 (27.0230000)		22
 Mathematics/Grade 8 - Section 201 (27.9230000)		7
 Mathematics/Grade 8 - Section 303 (27.0230000)		16
 Mathematics/Grade 8 - Section 303 (27.9230000)		5
 Mathematics/Grade 8 - Section 402 (27.8230000)		8
 Mathematics/Grade 8 - Section 404 (27.8230000)		10

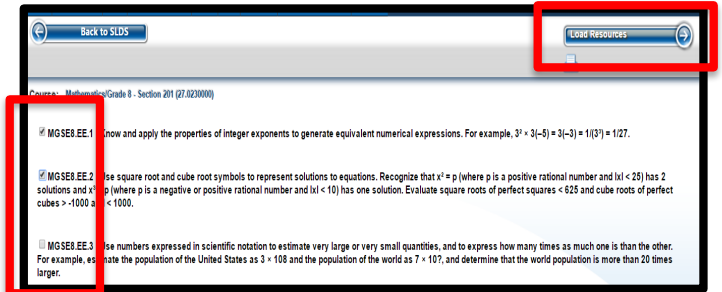
3. This section allows access to view the state instructional standards related to the subject/grade level/course next to the gold key selected.



Course: Mathematics/Grade 8 - Section 201 (27.0230000)

- MGSEB.EE.1: Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/(3^3) = 1/27$.
- MGSEB.EE.2: Use square root and cube root symbols to represent solutions to equations. Recognize that $x^2 = p$ (where p is a positive rational number and $|x| < 25$) has 2 solutions and $x^3 = p$ (where p is a negative or positive rational number and $|x| < 10$) has one solution. Evaluate square roots of perfect squares < 625 and cube roots of perfect cubes > -1000 and < 1000 .
- MGSEB.EE.3: Use numbers expressed in scientific notation to estimate very large or very small quantities, and to express how many times as much one is than the other. For example, estimate the population of the United States as 3×10^8 and the population of the world as 7×10^7 , and determine that the world population is more than 20 times larger.
- MGSEB.EE.4: Add, subtract, multiply and divide numbers expressed in scientific notation, including problems where both decimal and scientific notation are used. Understand scientific notation and choose units of appropriate size for measurements of very large or very small quantities (e.g. use millimeters per year for sea floor spreading). Interpret scientific notation that has been generated by technology (e.g. calculators).
- MGSEB.EE.5: Graph proportional relationships. Interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. For example, compare a distance-time graph to a distance-time equation to determine which of two moving objects has greater speed.
- MGSEB.EE.6: Use similar triangles to explain why the slope of the line passing through any two distinct points on a nonvertical line is the same. For example, show that the slope of the line passing through the points $(3, 2)$ and $(6, 4)$ is $(4 - 2)/(6 - 3) = 2/3$.

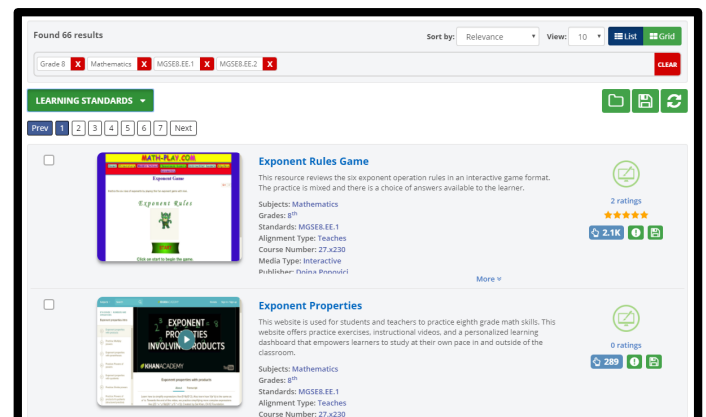
4. Check one or more boxes next to the desired standard(s), then click the **Load Resources**  button at the top-right section of the webpage.



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5. The site should then load the Teacher Resource Link (TRL) tool and display free, vetted resources aligned to the standard(s) selected.



Found 66 results

Grade 8 X Mathematics X MGSEB.EE.1 X MGSEB.EE.2 X CLEAR

LEARNING STANDARDS

Exponent Rules Game

This resource reviews the six exponent operation rules in an interactive game format. The practice is moved and there is a choice of answers available to the learner.

Subjects: Mathematics
Grades: 8th
Standards: MGSEB.EE.1
Alignment Type: Teaches
Course Number: 27.0230
Media Type: Interactive
Publisher: Taina Proulx

2 ratings
★★★★☆
2.1K

Exponent Properties

This website is used for students and teachers to practice eighth grade math skills. This website offers practice exercises, instructional videos, and a personalized learning dashboard that empowers learners to study at their own pace in and outside of the classroom.

Subjects: Mathematics
Grades: 8th
Standards: MGSEB.EE.1
Alignment Type: Teaches
Course Number: 27.0230

0 ratings
289