## Backwards Design Template Name of lesson/ unit: POWers of Ten

Grade Level: $\square$ k $\square 1$ $\square$ 2 $\square$
$\square$ $4 \longdiv { V }$ $\square$ $6 \square 7$ $\square$ 8
$\square$ 9 $\square$ 10 $\square$ 11 $\square$ 12 $\square$ college〇social Studies/History Fine ArtsPE/Health
O Foreign Languages

Links to Standards: These links will take you to a web page
CCSS ELA
CCSS Math
CCSS History/SS
Next Gen Science
Fine Arts
PE/Health
Computer Science/Technology
Foreign Languages

| Stage 1-Desired Results |
| :---: |
| Content Standard(s): <br> Copy and paste them here: <br> Understand the place value system. <br> CCSS.Math.Content.5.NBT.A. 1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and $1 / 10$ of what it represents in the place to its left. <br> CCSS.Math.Content.5.NBT.A. 2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10 , and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10 . Use whole-number exponents to denote powers of 10. <br> CCSS.Math.Content.5.NBT.A. 3 Read, write, and compare decimals to thousandths. <br> CCSS.Math.Content.5.NBT.A.3a Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392=3 \times 100+4 \times 10+7 \times 1+3 \times(1 / 10)+9 \times(1 / 100)+2 \times(1 / 1000)$. <br> CCSS.Math.Content.5.NBT.A.3b Compare two decimals to thousandths based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons. <br> CCSS.Math.Content.5.NBT.A. 4 Use place value understanding to round decimals to any place. |




Adapted from Grant Wiggins and Jay McTighe-Understanding by Design

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