## Backwards Design Template

| Grade Level: | k | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | 10 | 11 | 12 |  |  |  |  |  |
| Subject Area: | ELA |  | Mat |  |  |  |  | nol |  |
|  | Social Studies/ History |  |  |  |  | Fine Arts |  |  |  |
|  | PE/Health |  |  | 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):

Copy and paste them here:
CCSS.Math.Content.4.NBT.A. 1 Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. For example, recognize that $700 \div 70=10$ by applying concepts of place value and division.

CCSS.Math.Content.4.NBT.B. 5 Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

|  |  |
| :--- | :--- |
| Understanding(s): <br> Students will understand that . . <br> Students will be able to describe in <br> words, pictures or numbers how to <br> multiply two digit number by two digit <br> numbers using estimation and actual <br> numbers. | Essential Question(s): <br> -When is appropriate to estimate and <br> how do you know? When is it <br> appropriate to find the actual answer and <br> how do you know? <br> -How do you break apart numbers to <br> show using partial product using <br> numbers or pictures or both? <br> -How can a product change based on <br> place value? |

$\square$
Adapted from Grant Wiggins and Jay McTighe-Understanding by Design

Lesson Contributors: Please type your names and your district's name:
Nina Mitchell, Diane Siembab from WESD 185 and Mark Higdon from Spring Valley School District 99

Directions: Save this pdf and email it to trossman@roe35.org
Or pwasilewski@roe35.org
Thank you for sharing!

