

Place Value Activity for Week of April 20, 2020

Review these vocabulary words before trying this activity:

digit: one of the number symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9 in the base-10 number system

place value: a system that gives a *digit* a value according to its position, or *place* in a number. In our base-10 number system, each place has a value 10 times as much as the place to the right of it.

Place value chart:

thousands	hundreds	tens	ones	.	tenths	hundredths

What to do:

1. Ask an adult or an older kid to write a 5- or 6-digit number; for example, 273,489.
2. Practice saying it aloud.
3. Have the person who wrote the number ask you the names of the place values. For example: "In 273,489 what is the place value of the digit 7?"
4. Write the number in expanded form. For example:

$$273,489 = 200,000 + 70,000 + 3,000 + 400 + 80 + 9$$

Repeat for several numbers. To make it extra spicy, try including decimals in the tenths or hundredths.