**Putting Numbers in Their Place**

Recognize place value of digits in a series of numbers. Sort digits into correct columnar placement on a base plate.

 10 min  2 participants

   

**Let’s play**

Player 1

1. Think of a 3-digit number on your baseplate. Don’t tell it!
2. Give indications such as the number of tens is …, the one for hundreds is … and the one for ones is

Player 2

1. Place correctly each relevant brick at the correct position on the base plate
2. read the 3-digit number

Both players

1. Compare your numbers

**How to prepare**

* 1 base plate
* Classic LEGO bricks
* All number bricks
* 3 letter bricks: “O”, “T”, “H”
* 1 number sign brick
* 1 bowl

Use the classic bricks to build a grid dividing the base plate into 3 columns (ones, tens, hundreds)

Place all the number bricks in the bowl.

**Facilitation tips**

* Explain “Number sign brick placed once on the top left corner of the baseplate indicates all bricks are numbers.”
* Explain numerical values of each column; i.e. left column equals hundreds…
* Ask “How can you perform the activity without physically drawing the columns?”

**Possible variations**

* Increase the number of columns to work on millions, thousands…
* Use the same activity to perform math operations on three- to six-digit numbers.
* **Children will develop these holistic skills**
* COGNITIVE: Recognize the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
* CREATIVE: Put into words procedures in peer-to-peer exchanges
* EMOTIONAL: Follow courteous behavior: Give compliments to others
* SOCIAL: Articulate and justify answers, arguments and opinions: Ask relevant questions to extend understanding and knowledge
* PHYSICAL: Organize: find objects in their usual place; return them to their usual place; sort or categorize by placement, function, attribute; gather materials for a task

**Did you know**

* Physical play is linked to spatial skills and mathematics.
* The United Nations Sustainable Development Goals (SDGs) reflect the growing consensus among education experts of the need for education to be of high quality and to foster learner’s holistic development.