Math symbols

 20 min  1 participant

 

**Let’s play**

1. Pick 2 bricks from the number brick bowl
2. Write a 2-digit number
3. Perform math operations with number and math sign bricks from the 2 bowl, to recreate the same 2-digit number.
4. Place your operations on the base plate.

**How to prepare**

* 1 base plate
* Number bricks
* 1 number sign bricks
* Math sign bricks
* 2 bowls

Place the number sign brick on the top left corner of the base plate to indicate the bricks represent numbers.

Place number bricks and math signs bricks in 2 different bowls.

**Facilitation tips**

* Reminder: explanation of the importance of the number sign in front of each operation and that there are no spaces between the bricks.
* Encourage exploration of different operations to match the number. Several correct answers are possible.
* Ask “What was your strategy for solving the problem?”.

**Possible variations**

* Change the number of bricks to be picked.
* Peer collaboration: one player writes the operations and the other finds the correct answer.
* Propose challenge: multiple or specific math operations to equal a number.
* Find the math signs to be placed between the number bricks to equal a specific number.

**Children will develop these holistic skills**

* COGNITIVE - Practice scientific and technological approaches: formalize part of research in written or oral form
* COGNITIVE - Apply rules for braille contractions, punctuation and mathematical signs
* PHYSICAL - Learn through action, observation, analysis of personal and observed activity: learn by trial and error, cause and effects
* SOCIAL - Anticipate potential problems, identify steps for resolution including alternative solutions

**Did you know**

* What the students feel and think matters: they must get the feeling that they are part of their own learning and mastery of the content. Use open ended and guiding question techniques to support and encourage them.