**Building Operation**

Improve math computation and placement skills. Plan and carry out multiple operations to create and construct a tall building.

 15 min  1 participant

    

**Let’s play**

1. Pick three Number bricks
2. Use them to create a correct math equation if possible. If not possible, continue picking one brick at a time until a correct equation can be made from 3 or more bricks
3. Build the first floor of the building by correctly writing the equation on the base plate
4. Repeat above directions and include left-over bricks to build more floors for the building

**How to prepare**

* 2 base plates
* All Number and math bricks
* Number sign brick

Arrange all the numbers and math sign on a storage base plate to ease in finding characters.

**Facilitation tips**

* Explain “Number sign brick placed once on the top left corner of the baseplate indicates all bricks are numbers.”
* Ask “What is your strategy to build the highest building?”

**Possible variations**

* Include math operation bricks
* Add a timer
* Make it a collaborative activity
* **Children will develop these holistic skills**
* COGNITIVE: Stabilize knowledge of small numbers: verbalize the decomposition of the number
* CREATIVE: Engage in solitary play activities for an appropriate amount of time
* EMOTIONAL: Share rules, roles and responsibilities
* SOCIAL: Cooperate and share: Work together to facilitate individual learning
* PHYSICAL: Develop tactile tracking skills: Use both hands to track across broken lines on a page and identify space between lines

**Did you know**

* Physical play is linked to spatial skills and mathematics.