

Ten Things Children Learn From Block Play

Many early childhood educators, myself included, believe that every classroom should have a full set of unit blocks, assorted props tied to children's current interests and experiences, open storage shelves, and plenty of space and time to build and rebuild invented and familiar structures. I canvassed NAEYC staff and Young Children consulting editors to ask, "What do you think children learn through block play?" Here are some responses:

1. **Problem solving.** Sometimes it is intentional: "I want to build X. How do I do that?" Other times it is in-the-moment: "To go higher and add to one side, what can I use?"—Peter Pizzolongo
2. **Imagination.** Children can follow their own plan, or they can share a friend's vision and work together to create something they never dreamed of.—Karen Cairone
3. **Self-expression.** Blocks offer many ways for young dual language learners to explore, express themselves, and demonstrate what they are learning across languages.—Karen Nemeth
4. **Mathematics.** Important concepts and skills are practiced and strengthened through block play, including length, measurement, comparison, number, estimation, symmetry, balance.—Kristen Kemple
5. **Continuity and permanence.** Block play engages spatial sense and motor abilities; it can be a solo or a group effort; block creations can stand for an indefinite period of time.—Lawrence Balter
6. **Creativity.** Blocks and other loose parts can be moved freely by children, to be combined and recombined in countless ways.—Angela Eckhoff
7. **Science.** Blocks offer opportunities to test hypotheses and build scientific reasoning.—Gayle Mindes
8. **Self-esteem.** Children discover that they have ideas and that they can bring their ideas to life by creating, transforming, demolishing, and re-creating something unique.—Holly Bohart
9. **Social and emotional growth.** Blocks help children learn to take turns and share materials, develop new friendships, become self-reliant, increase attention span, cooperate with others, and develop self-esteem.—Kathleen Harris
10. **Development in all areas.** Block play requires fine and gross motor skills. Blocks enhance children's problem-solving abilities, mathematics skills, and language and literacy abilities. And constructing "creations" builds self-esteem and feelings of success. —Linda Taylor

The articles in the March 2015 cluster highlight the many benefits of block play, from infancy through the primary grades. The authors urge early childhood educators to introduce or reintroduce blocks because they are an ideal material for young children. Through examples and images, the authors demonstrate the teaching and learning possibilities that block play supports.

—Derry Koralek, Chief Publishing Officer and Editor in Chief