

WHAT CHILDREN LEARN IN AREAS/CENTERS IN THE CLASSROOM

When children build with BLOCKS they learn:

- Math concepts such as the number of blocks that fill a certain space
- How to compare the height of their buildings
- About geometric shapes (triangles, squares, and rectangles)
- To explore weight and size
- How to solve a construction problem
- To recreate the world around them

When children take on different roles and recreate real-life experiences in DRAMATIC PLAY area they learn:

- A stronger vocabulary through pretend activities
- To cooperate with others and solve problems
- To think more abstractly
- To recall past experiences and re-create them
- How to share their ideas with others

When children use TOYS AND GAMES they learn:

- How things work
- To be creative and use their imaginations
- About geometric shapes (triangles, squares, and rectangles)
- To strengthen and control the small muscles in their hands
- How to work cooperatively and solve problems
- Math ideas and concepts

When children explore ART materials they learn to:

- Express original ideas and feelings
- Improve their coordination
- Recognize colors and textures
- Develop creativity and pride in accomplishments
- Appreciate art created by others

When children spend time in the LIBRARY area they gain a foundation for reading and writing through:

- Learning to listen carefully
- Retelling stories
- Learning that print has meaning
- Gaining new ideas
- Acquiring a love of books
- Predicting what is going to happen in a story

When children explore the SCIENCE area they become scientists who:

- Plan and conduct investigations
- Ask questions, construct an explanation
- See how things grow, move and work
- Experiment
- Solve problems
- Make hypotheses (guess what will happen)
- Gather information
- Communicate findings

When children experiment with materials in the SAND AND WATER table they learn:

- Concepts of measuring
- Math concepts of counting, mass, size
- The properties of materials
- About different textures
- How to work cooperatively with others
- Science concepts such as sink and float