

## THE IMPORTANCE OF MANIPULATIVE INSTRUCTIONAL MATERIALS FOR PRIMARY EDUCATION

*by:*

**Maria Citadel S. Cantillas**

*Master Teacher II, Ipag Elementary School*

Primary education serves as the foundation for a child's academic journey, and providing effective instructional materials is essential to foster their learning and understanding. Among the various instructional materials available, manipulatives stand out as powerful tools that engage students and facilitate their comprehension of abstract concepts. Manipulative instructional materials are tools or objects that are used to enhance learning by allowing learners to explore, manipulate and engage with the material being taught. These materials are especially important for primary education because they help young learners develop important cognitive, social and physical skills. Here are the importance of using manipulative instructional materials in primary education.

### Enhancing Learning

Manipulative instructional materials are designed to help students learn by engaging them in hands-on activities, tangible approach to learning that aids in the development of conceptual understanding. By using these materials, learners are able to explore and interact with the concepts being taught in a more tangible and meaningful way. This helps them to better understand the material and retain the information longer. By bridging the gap between abstract ideas and real-world applications, manipulative materials support primary learners developing solid foundation of knowledge. Studies have shown that learners who use manipulative materials in the classroom perform better on tests and have a deeper understanding of the material.

## Developing Cognitive Skills

Manipulative instructional materials help develop cognitive skills such as problem-solving, critical thinking and decision-making. When learners work with these materials, they are required to analyze, evaluate and make decisions about the best way to use them. They can explore and discover concepts independently, like for instance, building blocks to a geometry concept that allow learners to construct and visualize different shapes and spatial relationships. This helps them to develop important cognitive skills that will help them throughout their academic careers.

## Enhancing Social Skills

Manipulative instructional materials also help develop social skills such as communication, collaboration and teamwork. When learners work with these materials, they are often required to work in groups or pairs. This allows them to practice communication and collaboration skills, which are essential for success in any field.

## Improving Physical Skills

Manipulative instructional materials can also help develop physical skills such as hand-eye coordination, fine motor skills and spatial awareness. When learners work with these materials, they are required to manipulate them in various ways, which helps to develop these important physical skills.

In conclusion, manipulative instructional materials are an essential tool for primary education. They enhance learning, develop cognitive and social skills, and improve physical skills. By incorporating these materials into the classroom, teachers can help learners to better understand and retain the material being taught. As a result, learners will be better prepared for academic success and future career opportunities.

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