



## Introduction

Why is it important for young children to learn about geometry and spatial sense?

## Part I: WHAT?

***Shape:***

What do young children learn as they explore 2- and 3-dimensional shapes during play?

What can teachers do to “mathematize” children’s block play and other experiences with 3-dimensional and 2-dimensional shapes?

***Spatial Orientation:***

What should young children be doing and learning to help develop their spatial orientation?

***Spatial Visualization:***

**What should children be doing and learning to help develop spatial visualization skills?**

## **Part II: How?**

**What do the Head Start Child Outcomes Framework Indicators and the National Council of Teachers of Mathematics (NCTM) Prekindergarten Focal Points say children should be learning about geometry and spatial sense?**

**What kinds of experiences help children learn geometry and spatial sense?**

**How can staff intentionally plan for children's learning geometry and spatial sense?**

**How should teachers introduce math vocabulary, such as the names of shapes, to children?**

