

PRE-K EARLY CHILDHOOD MATHEMATICS CHECKLIST

Goals 6 – 10

Illinois Early Learning Standards A – D

NUMBERS

- _____ Use concepts that include number recognition, counting and one-to-one correspondence.
- _____ Count with understanding and recognize “how many” in sets of objects
- _____ Solve simple mathematical problems
- _____ Explore quantity and number
- _____ Connect numbers to quantities they represent using physical models and representations
- _____ Make comparisons of quantities

MEASURING

- _____ Demonstrate a beginning understanding of measurement using non-standard units and measurement words
- _____ Construct a sense of time through participation in daily activities
- _____ Show understanding of and use comparative words
- _____ Incorporate estimating and measuring activities to play

ALGEBRA (VARIABLE/PATTERNS)

- _____ Sort and classify objects by a variety of properties
- _____ Recognize, duplicate and extend simple patterns, such as sequences of sounds, shapes and colors.
- _____ Begin to order objects in series or rows
- _____ Participate in situations that involve addition and subtraction using manipulatives
- _____ Describe qualitative change, such as measuring to see who is growing taller

GEOMETRY

_____ Recognize geometric shapes and structures in the environment

_____ Find and name locations with simple words, such as “near”

LOOKING AT DATA

_____ Represent data using concrete objects, pictures, and graphs

_____ Make predictions about what will be next

_____ Gather data about themselves and their surroundings