

Kindergarten Mathematics Expectations and Related Games

(Number Sense)

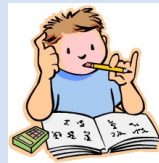


Kindergarten Expectations - Forward and Backward Sequences

- Count to 100 by ones and by tens
- Count forward beginning from any number (instead of having to begin at 1)
- Count backwards from 20

Games to play that focus on these standards:

- Rote Counting
- Grab and Count
- Sequence Strips
- Mystery Cup
- Counting On



Kindergarten Expectations - Symbolic Notation

- Write numbers from 0 to 20
- Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects)

Games to play that focus on these standards:

- Race to the Bottom
- Naming Number Cards
- Matching



Kindergarten Expectations - Groupings/Place Value

- Count to answer "how many?" questions (with up to as many as 20 objects)
- Find partners for 0 to 10 that makes 10 when added to the given number (Example: use objects and/or drawings to show that $1 + 9 = 10$ and $3 + 7 = 10$)
- Decompose (break apart) numbers less than or equal to 10 into pairs in more than one way (Example: use objects and/or drawings to show that $5 = 2 + 3$ and $5 = 4 + 1$)
- Work with teen numbers; know that teen numbers are ten and extras (Example: use objects and/or drawings to show that 18 is 10 and 8 extras and 14 is 10 and 4 extras)

Games to play that focus on these standards:

- Math Hands
- Swat (Teen Numbers)
- Bead Sticks
- Go Fish
- Frogs on the Lily Pad (Partners to 5)
- Building Teen Numbers



Kindergarten Expectations - Estimation/Magnitude

- Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group
- Compare two numbers between 1 and 10 presented as written numerals

Games to play that focus on these standards:

- Ordering Number Path
- Grab and Compare
- Grab and Estimate