

# Numbers & Place Value

A Magical Journey Through Numbers for Young Learners

**"Every number has a special place and a special story to tell!"**

## Number Friends

- **0** Zero - Empty hands
- **1** One - Single star
- **2** Two - Dancing shoes
- **3** Three - Triangle points
- **4** Four - Square corners

## Tens House

- 10 = 1 bundle of ten
- 20 = 2 bundles of ten
- 30 = 3 bundles of ten
- 40 = 4 bundles of ten
- 50 = 5 bundles of ten

## Ones House

- Single items
- Count one by one
- Numbers 0-9
- No bundles needed
- Like counting fingers

## Number Building

- 23 = 2 tens + 3 ones
- 45 = 4 tens + 5 ones
- 67 = 6 tens + 7 ones
- 89 = 8 tens + 9 ones
- Use blocks to build!

## Counting Fun

- Count forward 1-100
- Count backward 20-0
- Skip count by 2s
- Skip count by 5s
- Skip count by 10s

## Number Magic

- More than (>)
- Less than (<)
- Equal to (=)
- Number order
- Number patterns

**"Remember: Every number is special, and YOU are a number explorer!"**

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# Place Value Adventures

## Hundreds Place

Welcome to the Hundreds Club! Here's where numbers get even more exciting:

- $100 = 1$  hundred bundle (10 tens bundled together)
- $200 = 2$  hundred bundles
- $300 = 3$  hundred bundles
- $400 = 4$  hundred bundles
- $500 = 5$  hundred bundles

## Fun Activities

### Number Detective

Find these numbers:

- $234 = 2$  hundreds +  $3$  tens +  $4$  ones
- $567 = 5$  hundreds +  $6$  tens +  $7$  ones
- $789 = 7$  hundreds +  $8$  tens +  $9$  ones

### Place Value Game

Roll three dice to create numbers:

- First die = hundreds place
- Second die = tens place
- Third die = ones place

## Number Challenges

### Compare Numbers

- Which is bigger: 234 or 243?
- Which is smaller: 567 or 576?
- Put in order: 123, 321, 213

### Number Patterns

- Count by 100s: 100, 200, 300...
- Count by 50s: 50, 100, 150...
- Count by 25s: 25, 50, 75...

## Number Tools

### Place Value Chart

#### Hundreds Tens Ones

2            3    4

### Number Blocks

- Big cube = 100
- Long stick = 10
- Small cube = 1

**"Big numbers are just small numbers working together!"**