

ECAM NUMERATION STAGES/ POSSIBLE CENTERS

Stage A: These children are just beginning to recognize numerals. They may name some numerals from zero to ten. They do not yet understand the order of these numbers.

Next Steps:

- Recognize all numerals from 0 to 10 and understand the correct order of these numbers

Download from [Numeration Centers page:](#)

Cover Up
Magic Fan
Number Puzzles
Writing Numerals 1-10
Missing Numbers 1-10
My Counting Book

[Counting Rhymes](#)

Also available in [Kindergarten Math Centers:](#)

Race to Trace ver. 1-2 (p.132-133)
Race to the Top: 1-6 (p.138-141)
Race to the Top: 2-12 (p.142-144)
Ordering Numerals (p.164)

Stage B: These children recognize all numerals from zero to ten, and understand the correct order of these numbers.

Next Steps:

- Recognize and compare two-digit numerals
- Name the number that comes after a two-digit number

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Build a Number Line
Greater Than
Less Than
Comparing Two Digit Numbers
The Number After

Also available in [Kindergarten Math Centers:](#)

Missing Numbers 1-20 (p.125-131)
What Numbers are Missing? (p.396-397)
Writing Numerals 11-20 (p.108-117)

Also available in [1st Grade Math Centers:](#)

Ten Frame Compare (p.335-339)
Scoop It (p.344)

Stage C: These children are beginning to recognize and compare many two-digit numerals. They may confuse similar 'sounding' numbers such as thirty and thirteen. They can tell the number that comes after a two-digit number.

Next Steps:

- Develop an understanding of the place value of two-digit numbers
- Understand that ten ones are grouped to form one ten
- Order two digit numbers
- Tell the number before a given two-digit number

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Teen Counting Cup
Ten Ones and More Ones (v.1)
Teen Match
Teen Puzzles
Build a Train
Tens and Ones with Snap Cubes
The Number Before
Four in a Row on a Hundreds Chart (v.1)
Four in a Row on a Hundreds Chart (v.2)
Number Grid Puzzles

Also available in [Kindergarten Math Centers:](#)

Race to Trace v.3 (p.134-137)
Ten Frame Teens (p.353-354)
Ten Ones and More Ones ver. 2 (p.357-358)
Decomposing Teen Numbers (p.359-360)
Teens on the Rekenrek (p.366-368)

Also available in [1st Grade Math Centers:](#)

Tens and Ones Game (p.320-321)
Make Ten Bundles (p.322-323)
Representing Two Digit Numbers (324)
Base Ten Concentration 2-Digit (p.325-330)

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Stage D: These children are beginning to understand the place value of a two-digit number. They understand that ten ones are grouped to form one ten. They can order two-digit numbers, and can tell the number before a given two-digit number.

Next Steps:

- Recognize three-digit numerals
- Demonstrate developing understanding of the place value of three-digit numbers
- Compare and order numbers to 999

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Missing Numbers (3 Digits)
Base 10 Concentration (v.2)
Roll Three Digits
Numeral Writing Barrier Game
Comparing 3 Digit Numbers
Place Value Challenge (v.1)
Four in a Row on a Hundreds Chart (v.3)

Also available in [2nd Grade Math Centers:](#)

Build and Compare (p.250-251)
Place Value Triangle v.1(p.257-258)
Order Up (p.259-260)

Stage E: These children are able to recognize three-digit numerals. They have a growing understanding of the place value of three-digit numbers. They can compare and order numbers to 999.

Next Steps:

- Recognize and order numerals beyond 1000
- Demonstrate secure understanding of place value

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Roll Four Digits
Place Value Challenge (v.2)

Also available in [2nd Grade Math Centers:](#)

Add 10 on a Number Line (p.371)
Subtract 10 on a Number Line (p.372)
Add 100 on a Number Line (p.373)
Subtract 100 on a Number Line (p.374)
Race Around +10 v.3 (p.380)
Race Around -10 v.2 (p.381)
Race Around -10 v.3 (p.382)
Add 10 and 100 (p.383-384)
Subtract 10 and 100 (p.385-386)
Base Ten Buildings (p.340-341)
Base Ten Pictures (p.342-344)

Stage F: These children can recognize and order numerals beyond 1000. They demonstrate a solid understanding of place value.

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Place Value Triangle (begin with 4 rows of cards and build to 5-6 rows as students are ready)