LEVELS A–F · ALIGNED TO US COMMON CORE

ANGL MATHEMATICS

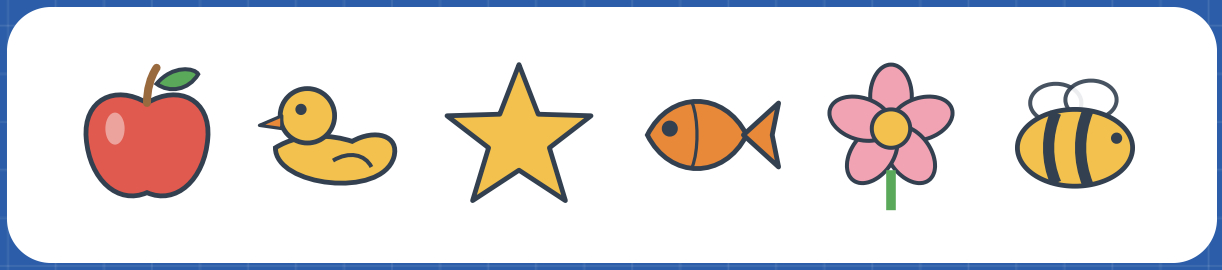
Level A

Counting & Numbers to 100

Recommended ages 5–6

Lesson Book

Write-In Edition



ANGL EDUCATION

anglmath.com



ANGL Mathematics, Level A: Counting & Numbers to 100

Lesson Book, Write-In Edition

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Hello, Grown-Ups!

This book teaches counting and early number ideas. Your child writes right in it. You read the directions aloud and work beside them.

Every lesson has four pages

Learn	Builds On (what this lesson grows from), Goals, Key Ideas with pictures, and a Worked Example to do together.
Investigate	Hands-on work with counters, frames and objects: break things apart and put them back together.
Practice: Write	Writing practice: numbers, signs and short answers. Start at the green dot.
Practice	Problems to try, ending with a Think problem.

What you need

20 counters (buttons, beans, cubes or cereal), crayons, a pencil, a cup, 10 blocks that stack and a few household objects.

Tips

- Keep sessions short: about 20 minutes, four days a week. Use real objects first, then pictures, then numbers.
- Read the **Grown-up note** at the bottom of each page before you start it.
- Ask "How do you know?" often. Explaining is part of learning math.
- **Writing is not the same as knowing.** Trouble writing a number is not trouble understanding it. Your child may point or say the answer while you write it.

Every ANGL book, from Level A to Calculus, uses these same parts in the same order. The Teaching Guide has a short script for every lesson, Quick Checks, Chapter Tests and all the answers.

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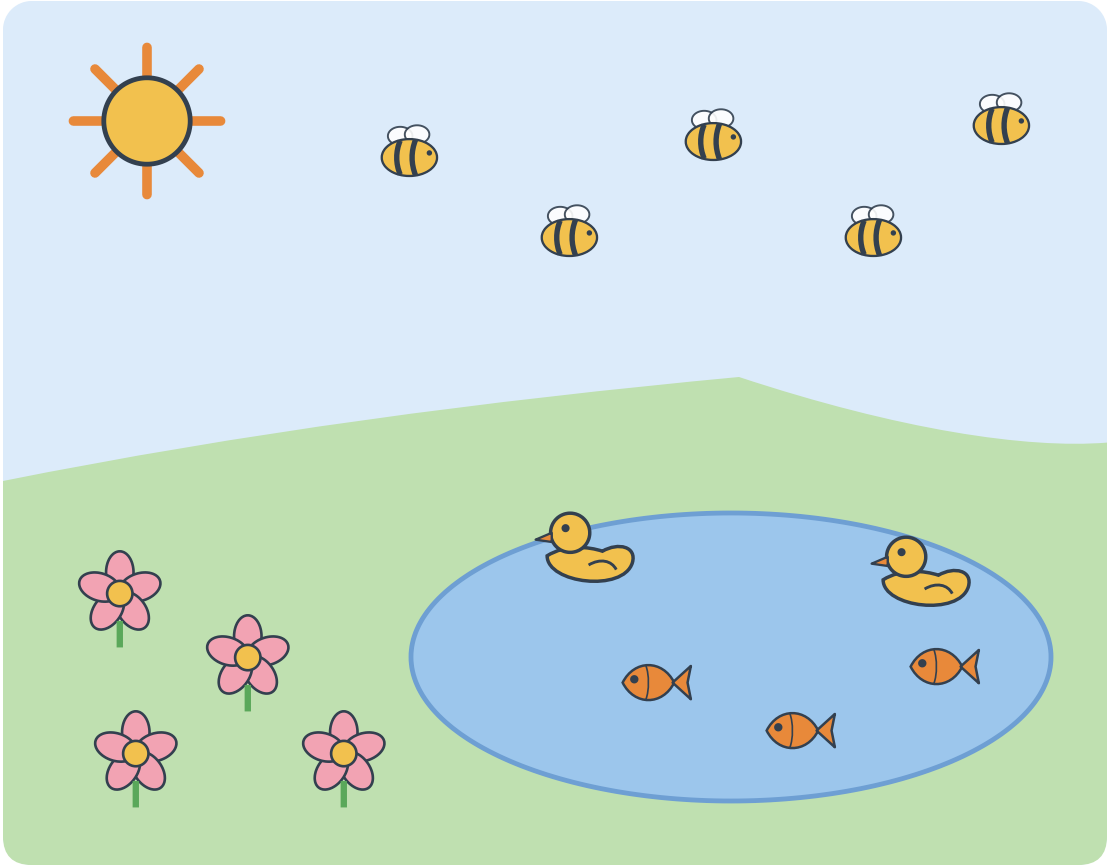
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Chapter 1

Numbers to 10



COUNT THE PICTURE. HOW MANY? WRITE THE NUMBER.







____ ____ ____ ____ ____

YOU ALREADY KNOW

How to say 1, 2, 3, 4, 5 and point to things as you count.

YOU WILL LEARN

To count, show and write 0 to 10, using five-frames and ten-frames.

Grown-up note. Talk about the picture first. Let the child find and count each kind of thing, touching each one.

1 · SAY AND COLOR

Count aloud: 1, 2, 3, 4, 5.
Color a star for each number you say.



2 · WHICH GROUP HAS 2? CIRCLE IT.



3 · HELP EACH BEE FLY TO ITS FLOWER. TRACE.



Digital Tools for Chapter 1

Scan the code, or go to anglmath.com/la

Virtual counters, five-frames and ten-frames

Grown-up note. If the child counts to 5 with help, recognizes 2 without counting, and traces with control, start Lesson 1.1. If not, spend a few days counting real objects together first.

Lesson 1.1 Count 1, 2, 3

Learn

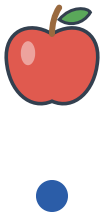
BUILDS ON Counting aloud to 5 (Am I Ready?, at the start of this chapter)

GOALS ★ **I can count 1, 2, and 3 things and write 1, 2, and 3.**

KEY IDEAS

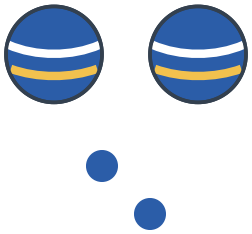
1

one



2

two



3

three



WORKED EXAMPLE · LET'S COUNT



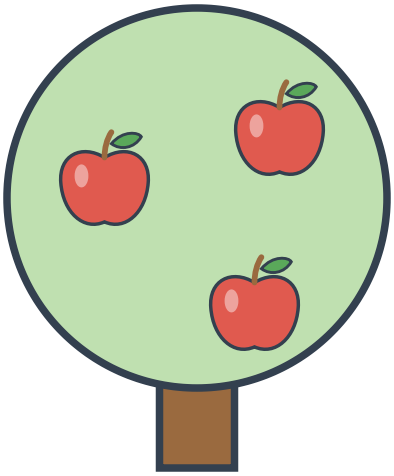
1 2 3

Touch each duck. Say one number for each duck.
1, 2, 3. There are **3** ducks.

Grown-up note. Read each direction aloud. When counting, guide the child's finger so it touches one object for each number said. Saying the numbers in order and matching one number to one object are two separate skills; watch for both.

Count 1, 2, 3

INVESTIGATE · COUNTERS ON THE APPLES



Put **1** counter on each apple.

Count the counters.

How many?

___

INVESTIGATE · FILL THE NEST



Put **2** counters in the nest.

Draw them in the nest.

INVESTIGATE · SHOW 3

Show **3** with counters.

Draw your counters.

Grown-up note. You need 3 counters (buttons, beans or blocks work too). Let the child place and move real objects before drawing. Drawing is the step from objects to pictures; any 3 marks are correct.

TRACE. START AT THE GREEN DOT. THEN WRITE.



one 1 1 1 1



two 2 2 2 2



three 3 3 3 3

1 **Count. Write the number.**



_____

2 **Count. Write the number.**



_____

Grown-up note. Digits are written top to bottom. Watch that 2 and 3 face the right way; reversals are common at this age and fade with practice. Praise the attempt, then model once more.

Lesson 1.1 Count 1, 2, 3

Practice

1 Count. Circle the number.



1 2 3

2 Count. Circle the number.



3 1 2

3 Count. Circle the number.



2 3 1

4 Draw 2 dots.

5 Color 3.



Think Which group has 3? Circle it.



Grown-up note. For Think problems, ask "How do you know?" A child who says "I counted 1, 2, 3" is explaining their reasoning, which is the goal.