

Learning Math with Albert

User Guide



Components

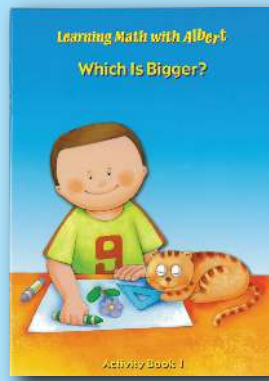
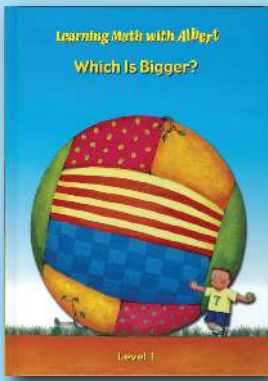
- 11 Hardcover Books*
- 11 Activity Books
- Albert and Annie's Math Kit
- Magic Numbers Board
- 6 Walterised Posters
- User Guide
- Parent's Guide^
- Educator's Guide^
- Quick Start Guide^
- Let's Write with Walter™
- Walter™ Sticker Book
- LMA Games^
- Learning Math with Albert Access Code

^Access code required

*Multi language audio playback support

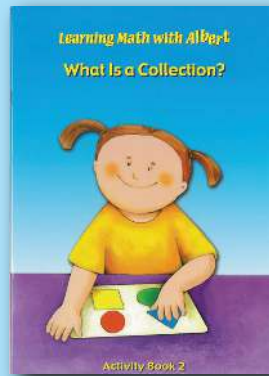
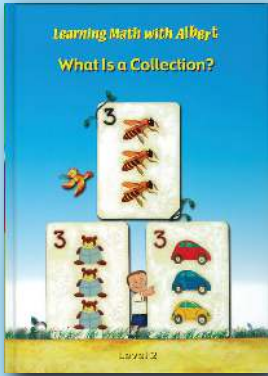
Develops a strong foundation in math skills:

- Covers numbers, sets, addition, subtraction, multiplication, division and measurement
- Helps your child to understand quantities and the ideas represented by numbers
- Enhances problem-solving and reasoning abilities
- Makes the learning experience interactive and fun!



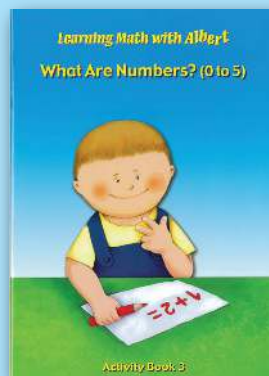
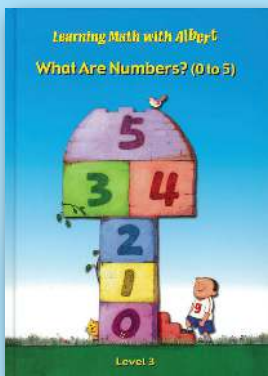
Level 1: Which Is Bigger?

Children usually acquire the ability to compare sizes (the sense of quantity) at an early stage. This is the starting point for arithmetic education. Children will learn how to make comparisons in object size, put objects in order of relative size, and learn different ways to describe them (long, short, deep, shallow, etc.).



Level 2: What Is a Collection?

Numbers are used to indicate the size of a collection, such as 3 cats, or 2 apples. Therefore, to understand numbers in this way, one must learn how to group objects of the same kind (to construct a set), and to compare the collections (which is bigger).



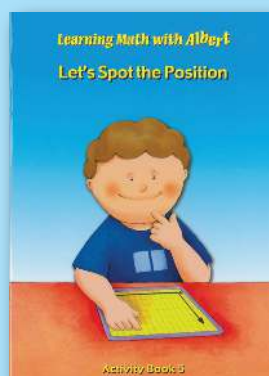
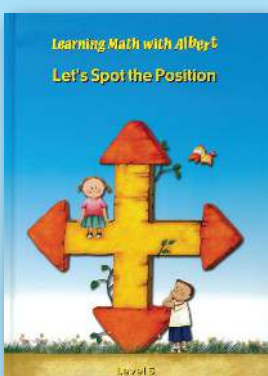
Level 3: What Are Numbers? (0 to 5)

Explains the concept of numbers (1-5) from the concrete objects to the tiles, then to the words for the numbers and finally to the numbers themselves. Also explains the meaning of 0, and the addition and subtraction of numbers 0-5.



Level 4: Let's Put Things Together

Sorting out (separating) and putting together is also known as synthesis and analysis. These are indispensable methods for the proper comprehension and presentation of ideas.

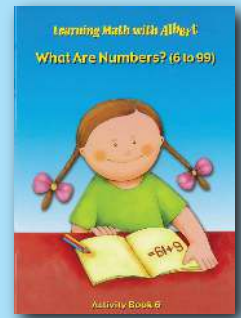
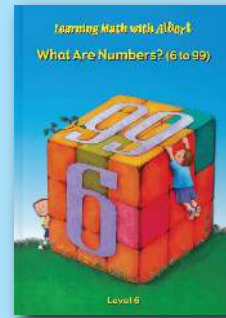


Level 5: Let's Spot the Position

Helps children understand three-dimensional space (length, width and height) and the directions and relative position of objects within it. This is also an essential concept for everyday life.

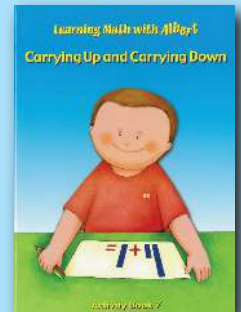
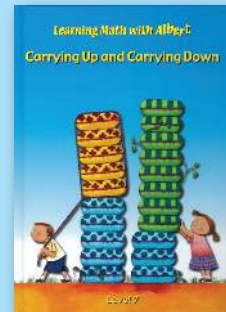
Level 6: What Are Numbers? (6 to 99)

If the numbers up to 5 are understood, then learning the numbers from 6 to 99 is easy. The next objective is the introduction of the number 10. This is the beginning of the study on place value. Take the time to explain this concept as this is often a stumbling block for many children.



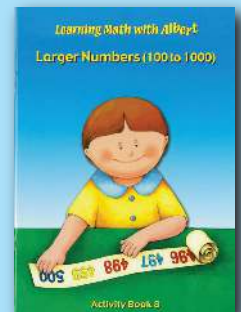
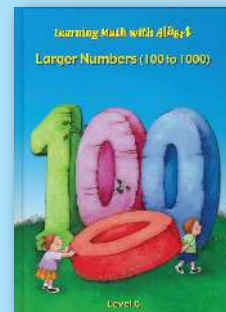
Level 7: Carrying Up and Carrying Down

Practicing this is of paramount importance in arithmetic. The aim is to make sure that children clearly understand the principle behind the rules, and that they get enough practice.



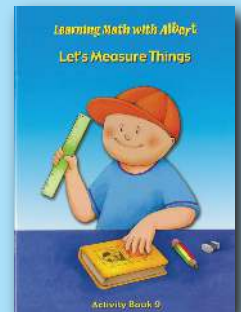
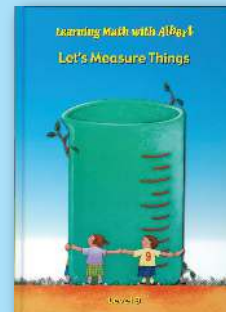
Level 8: Larger Numbers (100 to 1000)

To assist in understanding addition and subtraction of three-digit numbers, it is recommended that children practice with the tile set in the Math Kit. To achieve the maximum benefit of the program, it is important that the technique be mastered so that it can be applied to any set of numbers.



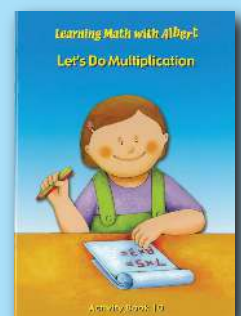
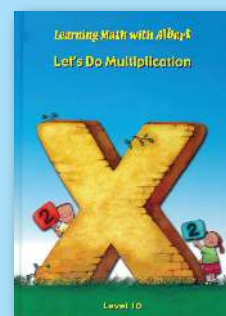
Level 9: Let's Measure Things

This level focuses on two examples of continuous quantity, namely, length and liquid level. Neither of these can be described by counting, so we need to include units of measurement. Children will understand the history and the nature of units, and why we need to use them.



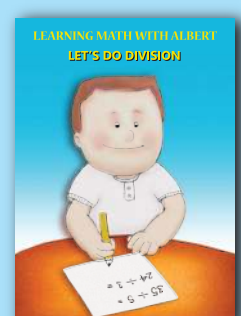
Level 10: Let's Do Multiplication

This is a new computation for children. Children need to understand the meaning and use of multiplication, instead of simply memorizing the multiplication table. The Multiplication Tile Set will be very useful in providing hands-on practice.



Level 11: Let's Do Division

In this level, children learn division as "sharing" or "putting equally". They need to understand the meaning and use of division. This level also introduces a bonus section on problem solving which encourages children to use the concepts learned and skills developed in the program so that they can appreciate better the usefulness of math and to build confidence in the subject.

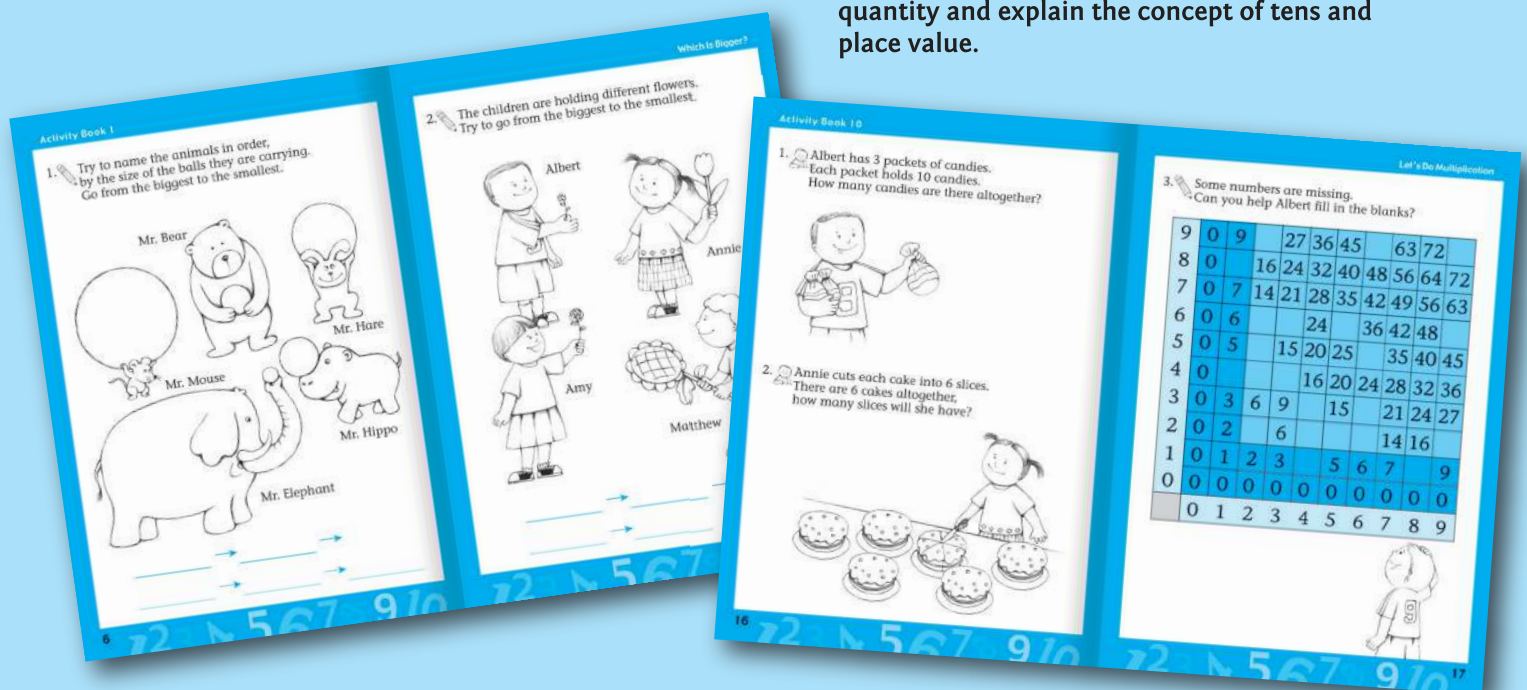


These books take your child from simple concepts of big and small to equations, multiplication and division - one step at a time!



The transition from colorful objects and animals to numerals helps your child to visualize math and understand the relationship between numbers and quantity.

Blue square tiles are used in the books and the activity kit. They help to relate the numbers to quantity and explain the concept of tens and place value.

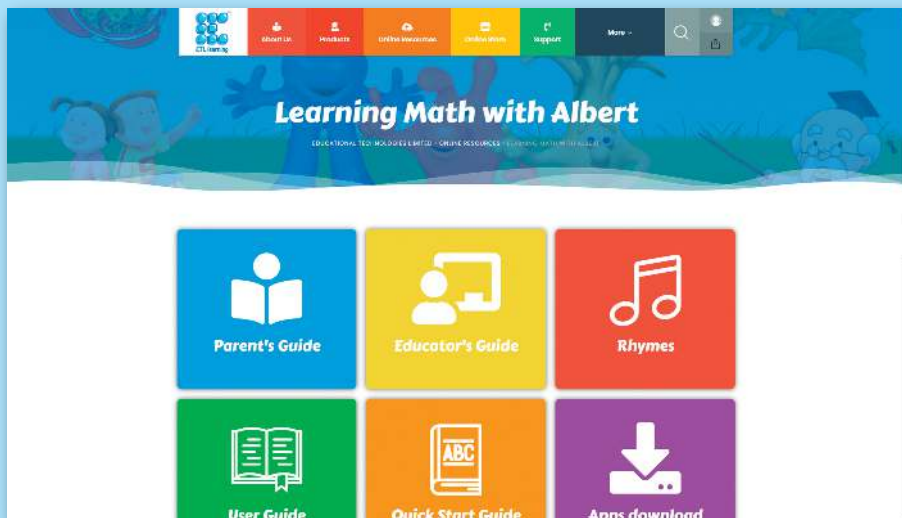


The Activity Books are designed to reinforce the mathematical concepts taught in the Core Books through exercises kids love doing, like coloring and filling in blanks. They can be used to test whether children understand the material and locate areas of weakness.

Once your child has studied a particular level, let him re-read the Core Books to improve his understanding. The most important way to help children become good at math is to pinpoint the areas which are difficult for them. The Answer Key at the back of the book will help you to check your child's answers.


Learning Math with Albert Online Resources

Learning Math with Albert Parent's Guides, Educator's Guides, Quick Start Guide and LMA games are now available online at <https://www.etllearning.com/onlineresources/learning-math-with-albert-lma/>




When you access the Learning Math with Albert online resources for the first time, you will need to create an account to redeem the online resources with the 16-digit access code (provided in the Learning Math with Albert package).

To login/ create account

1. Visit [ETLlearning.com](https://www.etllearning.com)
2. Click 
3. For first-time users, click on the "Register" tab to create a new account.
4. Once you have created an account, click on the "Log In" tab and proceed to log in with your username/email address and password.

To unlock the online resources

1. Move the cursor to 
2. Click 'Profile'
3. Enter the access code
4. Click 'Redeem'



LMA Games cover all 11 levels and provide hours of fun practice!



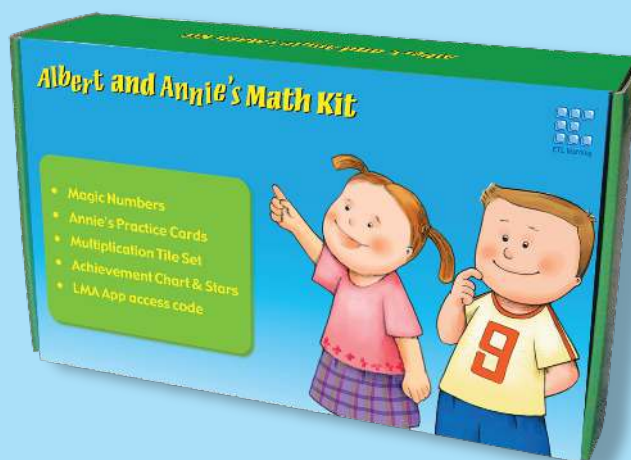
The games combine text, graphics, audio and animation, and encourage:

- Interactive, self-paced learning
- Independent study
- Instant feedback
- Self assessment
- Basic computer skills

Join Albert and his sister, Annie, as they embark on an exciting journey filled with many adventures and obstacles which they will need to overcome with mathematics! LMA Games encourages your child to use mathematics to solve puzzles as he explores the world with Albert and Annie.

LMA Games is available on the ETL Learning™ website, App Store and Google Play.

Albert and Annie's Math Kit provides more creative ways to improve math skills



Magic Numbers Board

This board is conveniently sized so that it can be used anywhere: put it on the floor, on a table or bed and play! The magnetic numbers are stored at the bottom of Albert and Annie's Math kit.

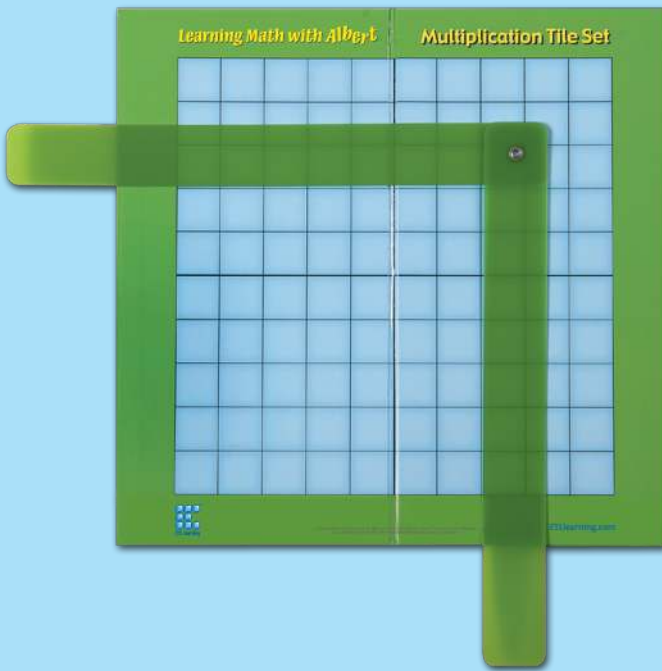
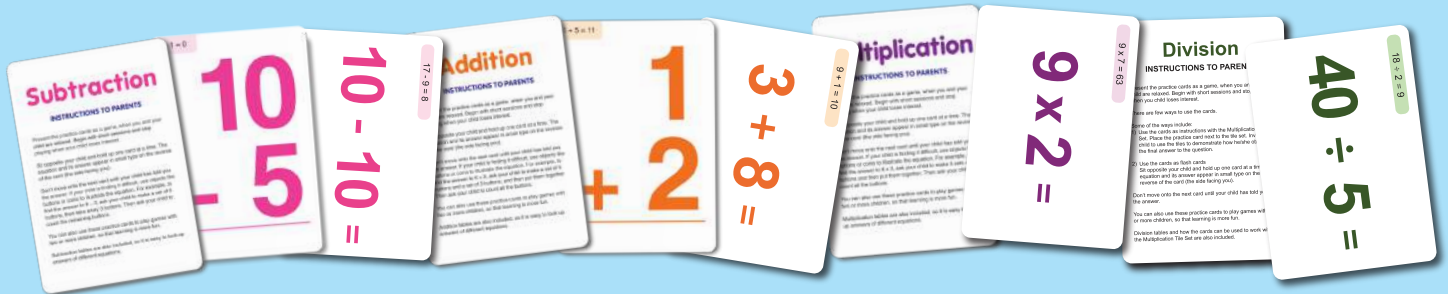
Use the Magic Numbers Board to practice and reinforce the concepts learned in the books with your child. Your child can practice addition, subtraction, multiplication, division, counting, comparing sizes and many more activities with this board.





Annie's Practice Cards

The practice cards help your child to practice addition, subtraction, multiplication and division skills while having fun. Each pack contains extensive practices as well as tables for easy reference. The answer to each problem is printed on the back of the card in small print.



Multiplication Tile Set

This is a very useful tool when trying to understand multiplication and division as it helps your child to visualize the process. Just open the green strips until the two blades are at right angles. Then place it on the board enclosing the multiplier on one axis and the multiplicand on the other.

If the equation is 7×7 , the Multiplication Tile Set immediately shows 7 lots of 7 and the answer is 49.

Achievement Chart

This chart helps you to record your child's progress and provide instant recognition for the completion of any element of the program. As your child completes each component, place one of the gold star stickers on the chart. Once all the stars have been placed on the chart, you can be assured that your child has a firm grasp of math. Congratulations!



A strong foundation in math skills is almost guaranteed with this program!

Compatibility with walter™ 3







Learning Math with Albert is compatible with Walter™3!

Walter™ 3 makes the series come alive! Walter™ 3 talks, writes, records and plays many enriching games with your child, allowing him or her to explore independently.

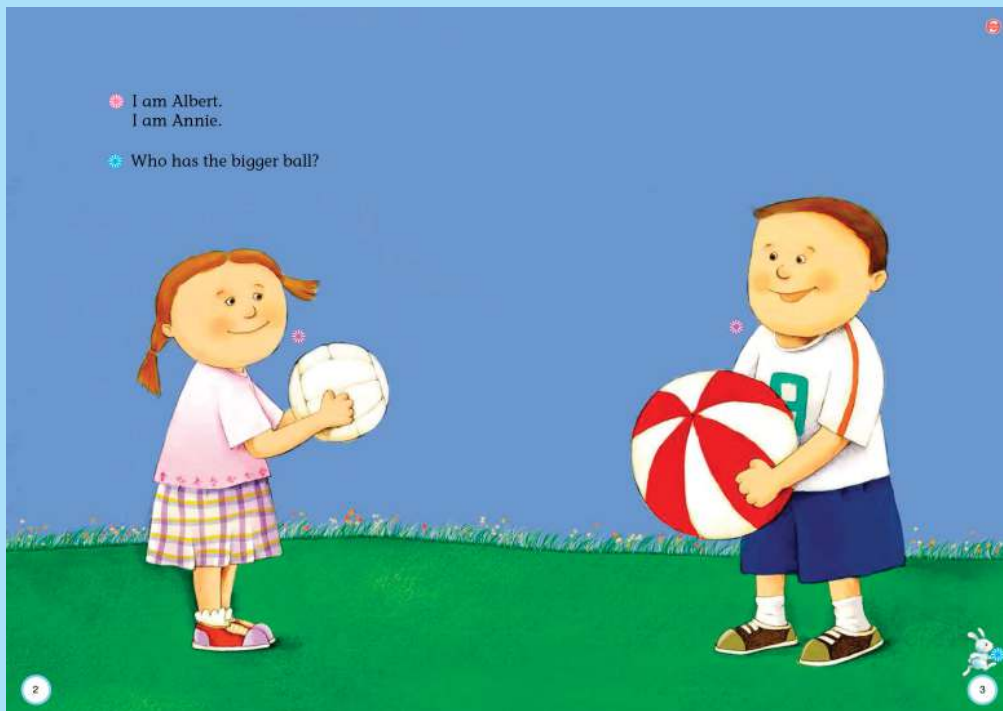
Using Walter™ 3 with our books helps your child become a self-directed learner, enabling him or her to thrive in this fast-changing world. This is part of the 21st Century Competencies identified by Singapore's Ministry of Education, a strong education system recognized around the world.

Walter™ 3 can also be connected with compatible Bluetooth devices^ for better sound quality and is ideal for use in classrooms or at home.

Walter™ 3 enhances your child's learning experience by allowing him or her to play interactive games in the readers. Use Walter™ 3 to scan the magic eyes throughout the pages to:

-  : Read out corresponding text on the pages
-  : Be prompted with questions
-  : Find out answers to the questions
-  : Toggle between different languages

^Bluetooth function is only available in selected countries.



Let's Write with Walter™ helps your child learn the correct way of writing alphabet and numbers by providing instant feedback from Walter™ 3.

Personalize your child's learning experience by using the recording stickers in Walter™ Sticker Book to record names of places and objects with your own voice. Place the stickers wherever you want and let your child play back the recording to listen and learn from you!

