

# LINEX<sup>®</sup>

## Adding play to math

Studies show that many children learn math better by using their sense of touch than by staring into a book. Linex Active Learning tools allow children to get to grips, making math both easier and more fun.

Math doesn't have to be all about tricky numbers on a page.



HAMELIN

ActiveLearning

### Geometrical Shapes with Forms and Sections

**Product info:**

- 6 geometrical shapes made of recycled plastic
- Height 10 cm
- 5 colored lids, 6 forms of durable plastic, 6 sheets for overhead projector and separat sections
- Used for middle school
- Manual included

**Product use:**

- To identify, describe and calculate base areas, top surface of area, side surface, forms, volume, surface, surface of revolution and axis.
- The teacher explains basic characteristics of each shape so the students easily can recognize the terms when they compare the shapes.
- With separated sections you can show several segments and you can calculate and compare several volumes.

Item code: 400065103

Learning stage



Active Learning makes it easier to vary your teaching

### Geometrical Shapes

**Product info:**

- 10 geometrical shapes made of recycled plastic
- Height 15 cm
- Used for middle school
- Manual included

**Product use:**

- This set can be used to identify relationships between the volumes of the individual shapes.
- The shapes are also suitable for helping students to recognize three-dimensional geometrical forms, edges, corners and diagonals.
- Create better understanding of volume by filling the shapes with water or sand.

Item code: 400065102

Learning stage



### Base 10 Set, Recycled Wood

**Product info:**

- Contains 121 parts
- 1 cube (1000), 10 flats (100), 10 rods (10), 100 units (1)
- Used for pre-school/primary school
- Manual included

**Product use:**

- Enhance understanding of the decimal system as well as addition, subtraction, number sense, percentages and counting.
- The students are helped towards a better understanding of these abstract concepts by seeing, touching and comparing physical models of units, tens, hundreds and thousands.

Item code: 400065105

Learning stage



### Base 10 Set, Plastic

**Product info:**

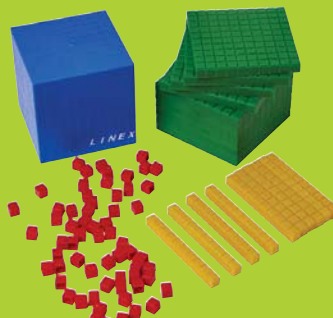
- Contains 121 parts
- 1 blue cube (1000), 10 green flats (100), 10 yellow rods (10), 100 red units (1)
- Used for pre-school/primary school
- Manual included

**Product use:**

- Enhance understanding of the decimal system as well as addition, subtraction, number sense, percentages and counting.
- The set is color-coded to help the students quickly differentiate place value by comparing the red units, yellow rods, green flats and the blue cube.
- The students are helped towards a better understanding of these abstract concepts by seeing, touching and comparing physical models of units, tens, hundreds and thousands.

Item code: 400065104

Learning stage



Great to have different tools for specific topics

Next to each product you can see which learning stage the product is suitable for. This is indicated by these symbols:

Suitable for pre-school



Suitable for the intermediate stage



Suitable for several stages



### Balance

**Product info:**

- From 0,5 gram and up to 2 kg
- Size: 38x13x13 cm
- Used for pre-school/primary school
- Manual included

**Product use:**

- A very precise balance made of recycled plastic.
- Learn about weights and units.

**Item code: 400065106**



Learning stage



### Weight

**Product info:**

- Set of 12 weights of cast iron and brass.
- Cast iron weights: 1x500 g, 1x200 g, 2x100 g
- Brass weights: 1x50 g, 1x20 g, 2x10 g, 1x5 g, 2x2 g, 1x1 g
- Total weight: 1 kg.
- Used for pre-school/primary school

**Product use:**

- To be used with the balance.
- To learn about weights and units.

**Item code: 400065107**

Learning stage



### Linex Arithmetic String with 20 Beads

**Product info:**

- Expandable string with 20 beads in red and white
- Beads arranged in 5
- Beads made of recycled plastic
- 45 cm long
- The beads will stay in place when the string is held up or down
- Used for pre-school/primary school

**Product use:**

- Learn how to count.
- Ideal for the start of number work with younger children and students.
- Example: Choose a number, e.g. 7, then have the students move a range of 5 beads and then an extra 2 beads.

**Item code: 400065108**



Learning stage



### Arithmetic String with 100 Beads

**Product info:**

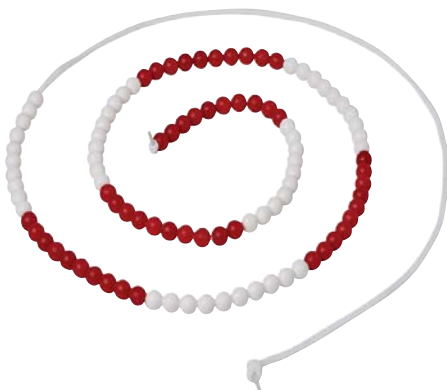
- Expandable string with 100 beads in red and white
- Beads arranged in 10
- Beads made of recycled plastic
- 150 cm long
- The beads will stay in place when the string is held up or down
- Used for pre-school/primary school

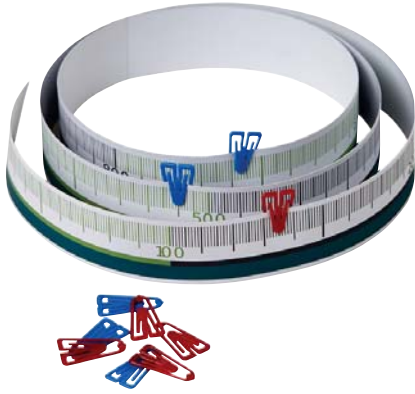
**Product use:**

- Learn how to count.
- Ideal for the start of number work with younger children and students.
- Example: Choose a number, e.g. 27, then have the students move 2 ranges of 10 beads and then an extra 7 beads.

**Item code: 400065109**

Learning stage





### 1m Number Line

**Product info:**

- Durable number line numbered 1-1000
- Length 1 m, width 2,5 cm
- Including red and blue clamps
- Used for pre-school/primary school

**Product use:**

- Learn numbers and numeric patterns (1-1000).
- With the red and blue clamps, you can illustrate certain numbers or ranges.

Item code: 400065123

Learning stage

Active Learning teaches the children to work together

### 5 m Number Line

**Product info:**

- Durable number line numbered 1-1000
- Length 5 m, width 9 cm
- Including red and blue clamps
- Adhesive Velcro stickers supplied to fasten the line on the wall
- Used for pre-school/primary school

**Product use:**

- Learn numbers and numeric patterns (1-1000).
- With the red and blue clamps, you can illustrate certain numbers or ranges.

Item code: 400065124

Learning stage



### Counting Chips and Board

**Product info:**

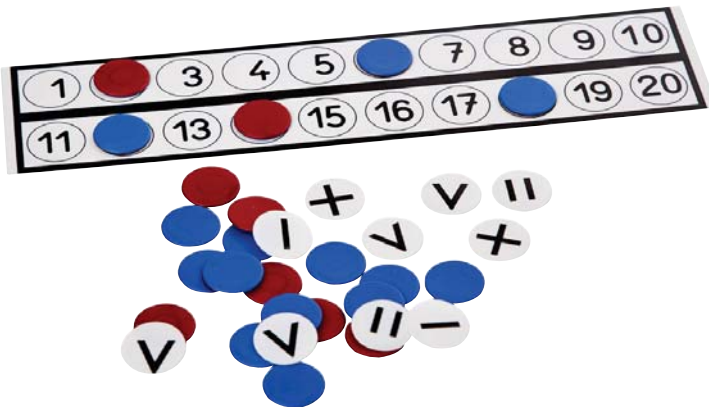
- Set of 22 counting chips, 10 arithmetic signs and one board
- Counting chips in red and blue
- Board printed with the numbers 1-20 on one side and with 20 circles on the other side
- Board: 30x7 cm
- Arithmetic signs 2 +, -, <, >, =
- Used for middle school

**Product use:**

- Practice basic counting and numeracy skills using counting chips.
- Learn to count and sort, identify patterns and discover positive and negative integers using the counting chips and board.

Item code: 400065121

Learning stage



### Tangrams

Learning stage

**Product info:**

- 28 tangrams
- 10x10 cm
- 4 different colors
- Durable plastic
- Used for middle school

**Product use:**


- Provides a fun way for children to explore geometry, shapes, colors, patterns, and designs.
- The students can create geometric shapes, tangram puzzles (form animals and objects as shown) and symmetrical figures.

Item code: 400065122



The children engage themselves and have fun with it

Learning stage  
✔ ✔



**Split Box**

**Product info:**

- Size: 12x7,5x1,5 cm
- Including transparent lid and 20 red beads
- Made of recycled plastic
- Used for pre-school/primary school and middle school

**Product use:**

- Can be used with 2 or 3 parts with beads from 2 to 20. Shake the box and get 2 or 3 subsets. Close 1 or 2 lids and learn to count, add and subtract. Uncover the lid and check your results.
- Fill the middle compartment with e.g. 8 beads. Close both lids and shake. You get 5 beads in the right compartment. How many beads are in the middle? Is 3 correct? Uncover lid and see the result.

**Item code: 400065120**

**Geometric Mirror Set**


- Product info:**
- Set of 10 plastic mirrors with a reflecting side
  - Size: 15x10 cm
  - Round corners
  - Used for pre-school/primary school and middle school
- Product use:**
- For optical and reflection exercises.
  - Important teaching aid for mathematical education to see mirror pictures, symmetries or geometrical shapes.
  - Can be used to build patterns, read mirror writing and other reflecting experiments.

**Item code: 400065125**

Learning stage  
✔ ✔



Learning stage  
✔ ✔



**Transparent Geometric Mirror**

**Product info:**

- Reflecting mirror in recycled plastic
- Size: 15x10x6 cm
- Sloped drawing edge
- Used for pre-school/primary school and middle school

**Product use:**

- Look through the transparent mirror and draw the reflection of the picture on the backside.
- Can be used to read mirror writing or copy a picture in the mirror.
- Can be used by both left- and right-handed teachers and students.

**Item code: 400065126**



**Teaching Clock Set**

- Product info:**
- Clock set in plastic for teaching
  - The set includes: 1 large clock with stand and 24 small clocks for students
  - Adjust hands on both the back and front
  - Engraved numbers
  - Used for pre-school/primary school
  - Manual included

- Product use:**
- Ideal for children who are ready to learn how to tell time.

**Item code: 400065135**

Learning stage  
✔ ○

The products are simple and easy for the children to use

**Geoboard**

**Product info:**

- One-sided transparent square board made of recycled plastic
- Size: 15x15 cm
- 25 pins
- Including 25 rubber bands in four colors and two sizes with 12 examples
- Used for middle school
- Examples included

**Product use:**

- Geoboards are useful for teaching shapes, angles, area and perimeter
- Manipulate rubber bands to explore lines, shapes and pictures.

Item code: 400065127

Learning stage



**Double-sided Geometric Boards**

**Product info:**

- Set of 6 green double-sided geoboards
- Size: 15x15 cm
- 25 pins on one side and 24 pins on the other side in form of a circle
- Rubber bands
- Used for middle school
- Examples included

**Product use:**

- Geoboards are useful for teaching shapes, angles, area and perimeter.
- Manipulate rubber bands to explore lines, shapes and pictures.

Item code: 400065129

Learning stage



**Small Abacus**

**Product info:**

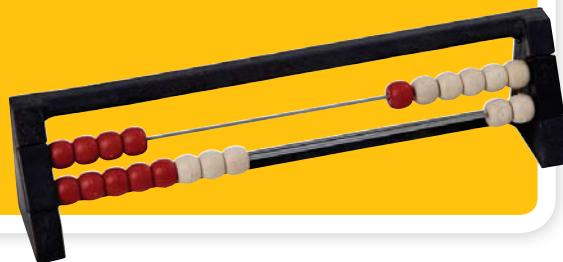
- Solid abacus with 20 beads to help students to understand simple math
- Sloped frame in recycled wood
- Frame made out of one piece, and therefore very solid and stable
- Beads in red and white made of recycled wood
- Size: 24,5x4,5x6 cm
- Used for pre-school/primary school

**Product use:**

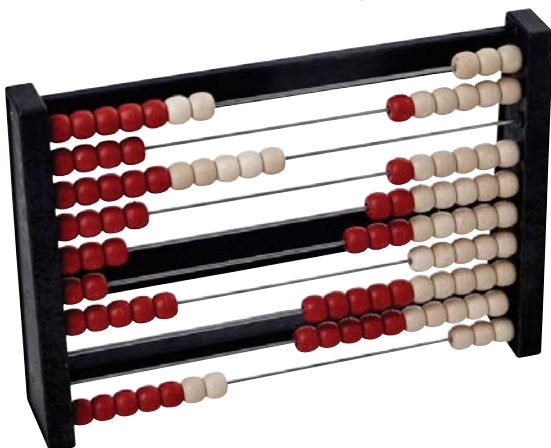
- Simple abacus to illustrate many counting techniques including adding and subtracting and counting to 20.

Item code: 400065131

Learning stage



Active Learning makes math lessons more fun



**Large Abacus**

**Product info:**

- Solid abacus with 100 beads to help students to understand simple math
- Frame made out of one piece, and therefore very solid and stable
- Beads in red and white made of recycled wood
- Size: 25x17x4,5 cm
- Used for pre-school/primary school

**Product use:**

- Simple abacus to illustrate many counting techniques including adding and subtracting and counting to 100.

Item code: 400065132

Learning stage





### Measuring Cup Set

**Product info:**

- Set of 6 measuring cups in recycled plastic
- The set includes: 1000 ml, 500 ml, 250 ml, 100 ml, 50 ml og 10 ml
- Can be used up to 135° C
- All measuring cups has a marked scale
- Used for middle school

**Product use:**

- Learn about volume and measurements.

**Item code: 400065139**

Learning stage



The products are solid and robust



### Fraction Pieces

**Product info:**

- 10 fraction sets in solid plastic
- Each fraction has its own color and is marked
- Shows 1/1, 1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/10, 1/12, 1/20
- 10 cm in diameter
- Used for middle school

**Product use:**

- Learn about fractions in an illustrative manner.

**Item code: 400065140**

Learning stage





**Active Learning** creates positive development in the classroom

**Magnetic Math Pictures**

**Product info:**

- 210 magnetic pieces
- 27 different images, 100x100 mm.
- Numbers 0-9
- Signs +, -, >, <, =
- Used for pre-school

**Product use:**

- Learn mathematics by using a range of illustrations to make learning more visual.
- Magnetic backing makes it easy to display them on a board so many students can follow along together.

Item code: 40008142



**Money Set - Nordic kr.**

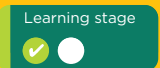
**Product info:**

- Set of 160 Nordic coins and 130 Nordic banknotes
- Coins: 20x50 øre, 40x1 kr., 40x2 kr., 20x5 kr., 20x10 kr., 20x20 kr.
- Banknotes: 10x20 kr., 36x50 kr., 36x100 kr., 24x200 kr., 15x500 kr., 12x1.000 kr. designed with Nordic cities.
- Plastic / paper
- Used for pre-school

**Product use:**

- Enhance understanding of the value of money
- To learn about the private economy
- Makes it visual about what different things cost

Item code: 400082163







### Single Cubes - Inter locking

**Product info:**

- Made of plastic
- Canvas bag of 1000 pcs. or retail bag of 100 pcs.
- 5 colours, 10x10 mm.
- Used for pre-school/primary school and middle school.

**Product use:**

- Use for counting, building and more.
- Can be connected on 5 sides.

Canvas bag 1000 pcs.  
Retail bag 100 pcs.

Item code: 400082141  
Item code: 400085350



Pupils learn cooperation and to show initiative



## Caring and quality

It's important to us that you feel secure with the products your students use. Therefore we produce the Linex Active Learning tools according to the highest standards of quality and safety. Our materials are carefully selected in order to ensure the very best for your children. Moreover, we strive to reduce the environmental impact and use recycled materials as much as possible.



**LINEX<sup>®</sup>**