

# Catalog 2010



## Blackboard Drawing Instruments Didactical Teaching Aids

( focus on Mathematics )



350 items

**wissner**®  
GmbH





= **active learning**

Since over 30 years, managed by two generations, we are focused as a leading manufacturer of **didactical** teaching aids that our over 350 different items give all children in kindergarten or school the chance to work with our material, to realize the backgrounds, to train their imagination, to solve problems and solutions independent and to have fun to learn new things.

For example: All geometrical shapes have the same colour and dimensions so it is very easy to learn interdisciplinary.

For all of our item that we are mostly produce  
in our own factory - Made in Germany -  
we are using only raw material that is certified by TUEV  
Rheinland after DIN EN71-3 and CPSIA.

That is the reason why we can give you a five year warranty and can guarantee you that all items are also available after years.

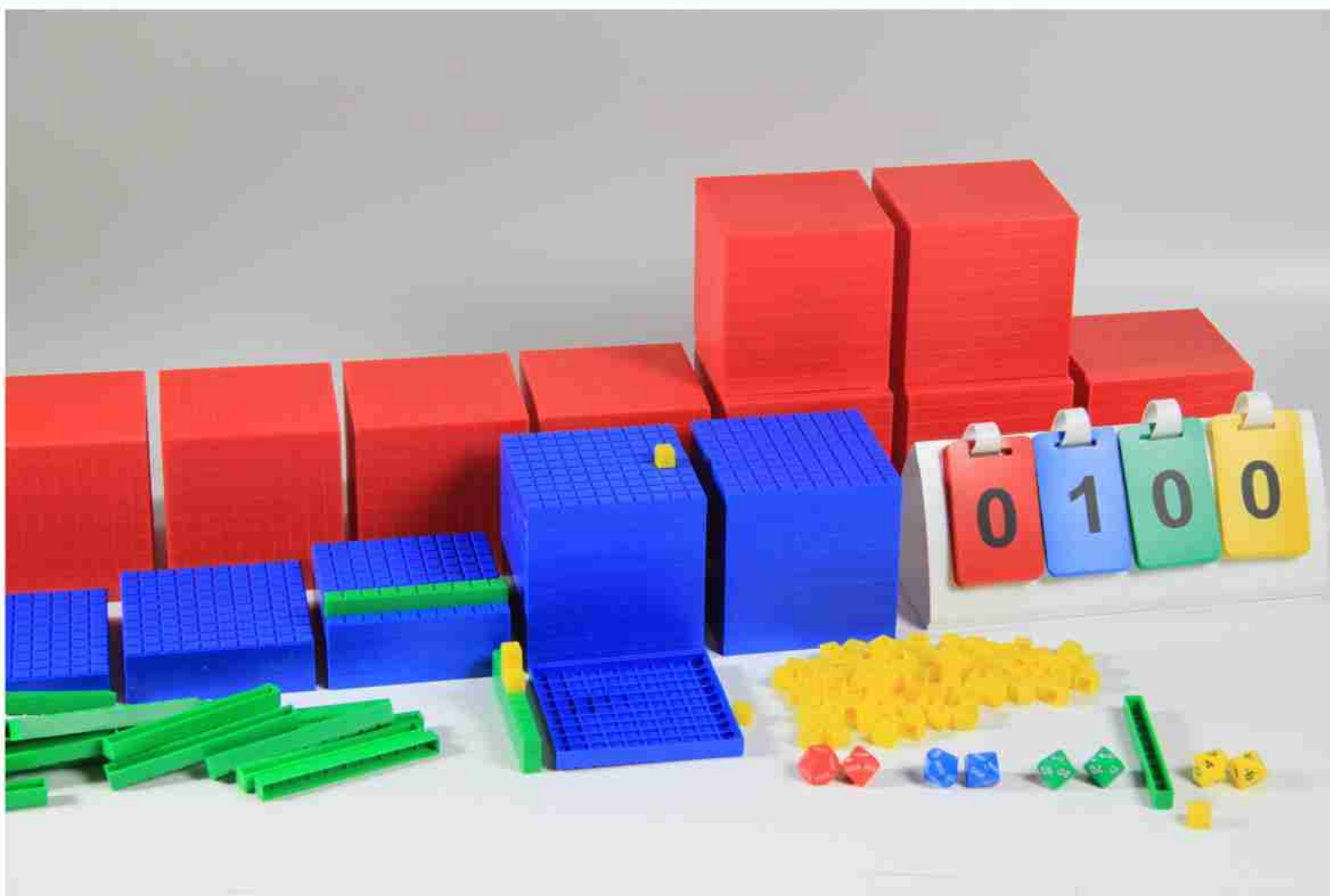
We are producing all of our blackboard drawing instruments in the same high level in our factory. So a long useful life, easy use and a ergonomic performance is guaranteed.

[illegible]

© 1999 Blackwell Science Ltd, *Journal of Internal Medicine* 245: 399–405

# Novelties

03



## Big Base Ten Set for the whole class ( 198 pieces )

This set contains for calculations in the number range up to 10.000: 9 big cubes, 30 flats, 50 rods and 100 units. Furthermore 8 dices (two of each colour for units, tenners, hundreds and thousands) and a decimal place book. Because of the same colours you can make relations very easy. Packed in a cardboard box.

039594.000

page 05



page 19



page 20







The following arithmetic aids help you to realize the numbers and to use them in the range 1 - 20, 1-100, 1-1000 or 1-10.000.

You can range the numbers in rows, exercise with them (for example: forward, backwards, steps or to name specific numbers of a row) or to split numbers on the abacus or on a hundred board.

This didactical material helps you to realize, that an addition is an action of combination and subtraction is an act of splitting and removal.

## Numbers

05



## Wooden Number Set

This set contains 10 numbers from 0 to 9. The numbers are made out of beech wood and are 10 cm high and 10 mm thick. Packed in a poly bag.

080000.000



## Wooden Arithmetic Signs

12 arithmetic signs, 10 mm thick and suitable for the number set.

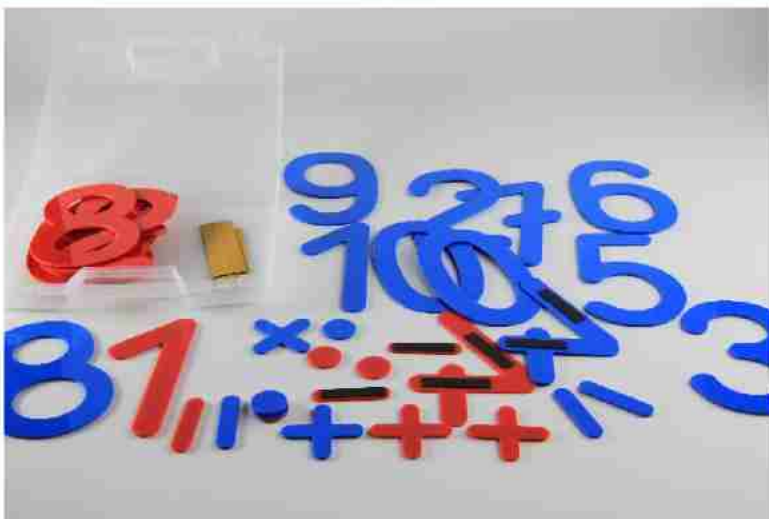
080001.000



## Number Class Set

Contains 40 numbers 0-9 and 24 arithmetic signs. Performance like 080000.000. Packed in a cotton bag.

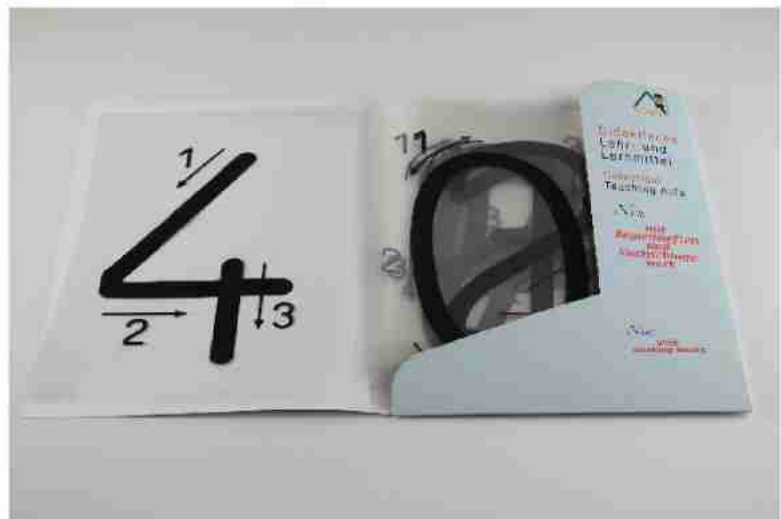
080005.000



## Big Number Set

The numbers from 0 (2x) to 9 are 15 cm high, 2 mm thick and made out of plastic (11 numbers in red and 11 in blue). There are also 12 arithmetic signs and magnetic pieces for assembling on the backside to use it on magnetic chalkboards. Packed in a plastic case.

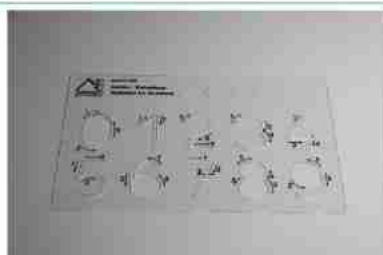
080010.000



## Number Overhead Set

The numbers from 0 to 9 are printed on a overhead foil. You can also see the directions how you have to write each number.

069518.000



## Number Template

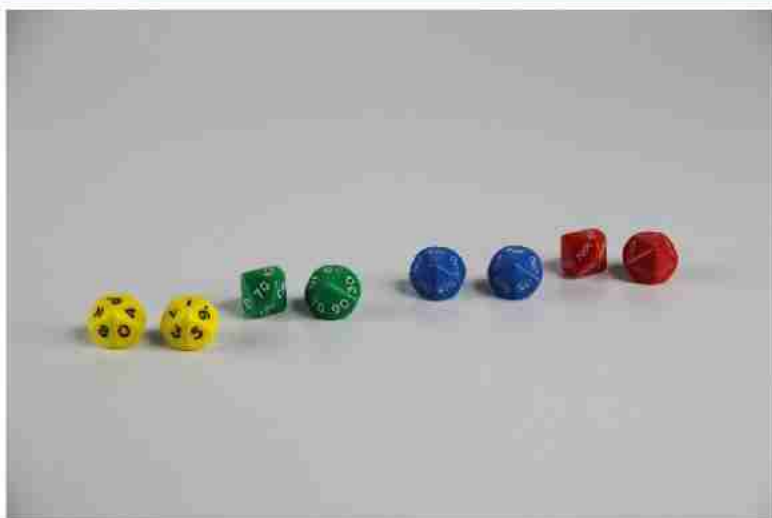
The number from 0 to 9 are 5 cm high and you can feel it with the fingers and write it with a pen (with directions how to write it). Packed in a poly bag.

020820.000

## Number Template Set

24 x 020820.000. In a poly bag.

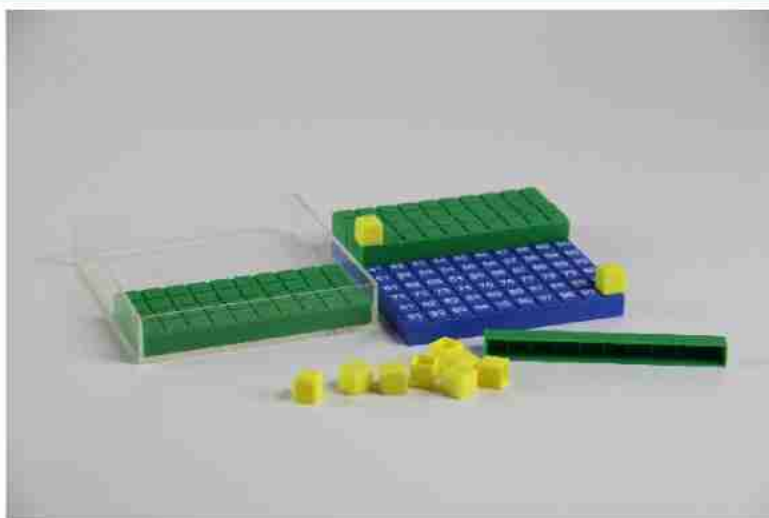
020821.000



### Decimal Place Dices

The set contains always 2 ten sided dices in a poly bag  
 0 to 9 yellow  
 10 to 90 green  
 100 to 900 blue  
 1000 to 9000 red  
 The colours are equal to all base ten sets.

080120.000



### Interlocking Hundred Board

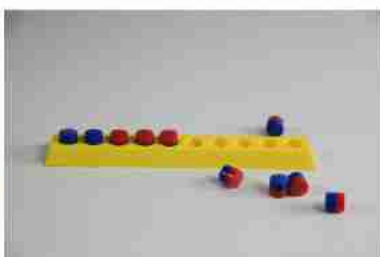
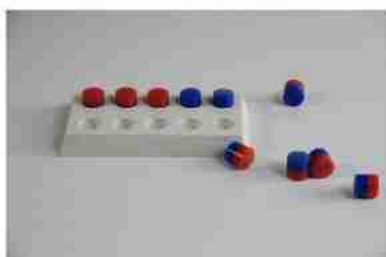
10 x 10 cm, in a plastic box.

10 units yellow

9 rods green

1 flat blue, printed with numbers 1-100

039595.000



### Counting Pegs

in a row with 5  
 10 red / blue pegs and  
 a board (13 x 7 cm).

in a row with 10  
 10 red / blue pegs and  
 a board (22 x 3 cm).

080100.000

080101.000

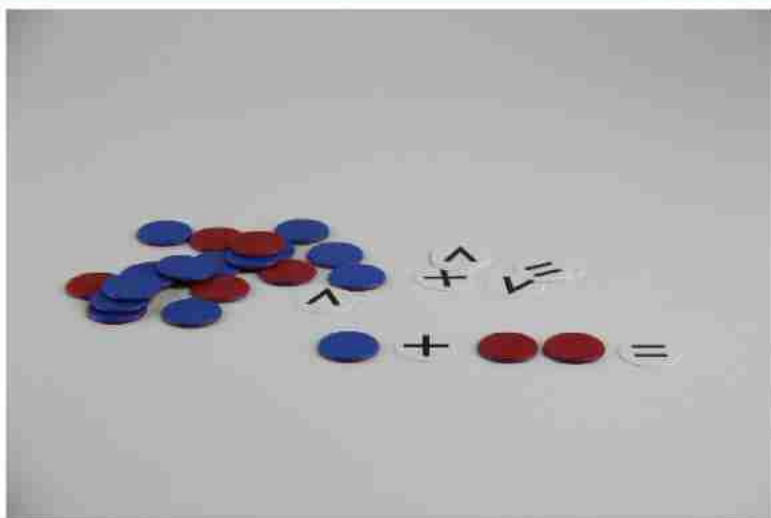


### Decimal Place Book

This book has always 10 coloured cards, printed with numbers from 0 to 9, packed in a poly bag. You can use it for all number combinations up to 9999. If you use two or more books you can ask relations between numbers and make arithmetic operations.

080400.000

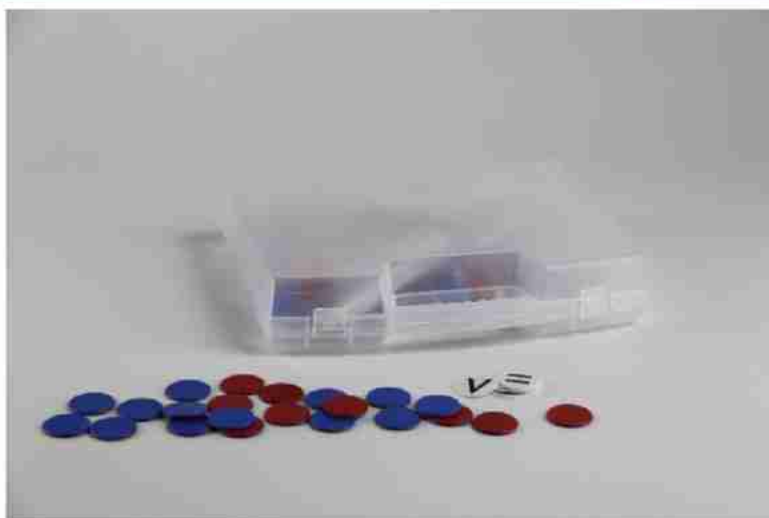




### Counting Chips

22 counting chips red/blue, ø 25 mm and 10 signs (always 2 +, -, <, >, =). Made out of plastic, packed in a poly bag.

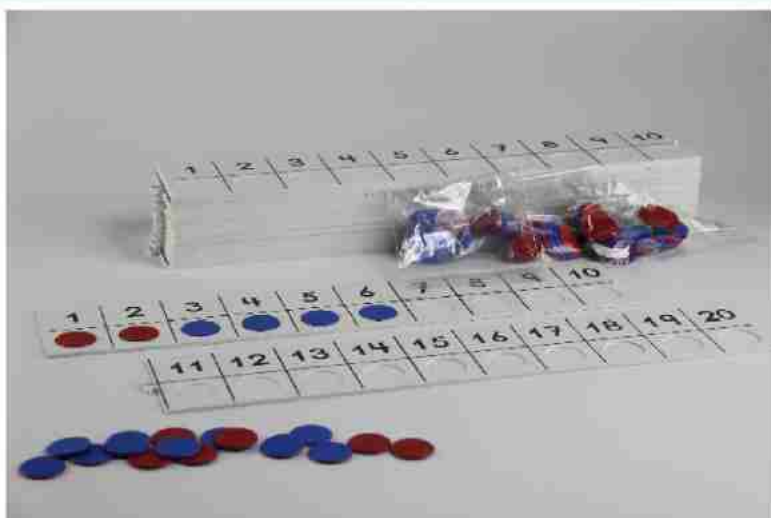
080810.000



### Counting Chips Set

Set of 25 x 080810.000, in a plastic case.

080811.000



### Counting Chip Board

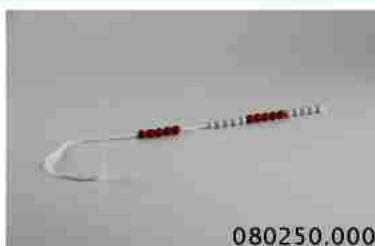
Counting Board (80 x 8 cm), printed with numbers 1-20 and 22 counting chips. With guide, in a poly bag.

080815.B00

### Counting Chip Board Set

Set of 10 x 080815.B00.

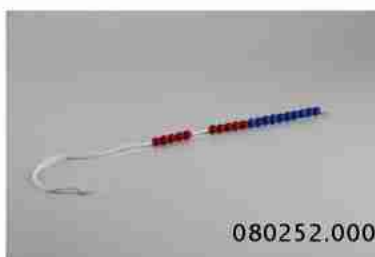
080815.000



080250.000



080251.000



080252.000



080253.000

### Small Arithmetic String, number range of 20

Plastic balls ø 11 mm on a expandable string (if you expand the string, all balls are going together). 45 cm long.

Number look picture.



### Beads

Plastic beads ø 11mm with hole.

### Band 50 Meter

080271.000

red 080270.R00

blue 080270.B00

white 080270.W00

yellow 080270.G00

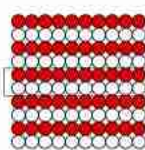


### Small Student Abacus in the number range of 20

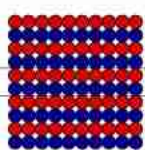
Wooden frame (24x4,5 cm). Solid Frame with glued wooden sticks and metal sticks.  
Plastic beads  $\varnothing$  11 mm.  
Arrangement look below.

080201.X

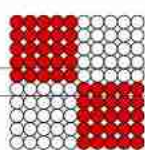
X = Arrangement number



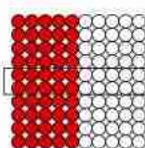
x = 400



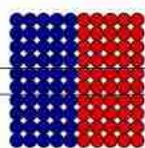
x = 100



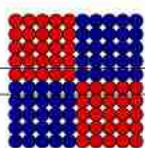
x = 200



x = 300

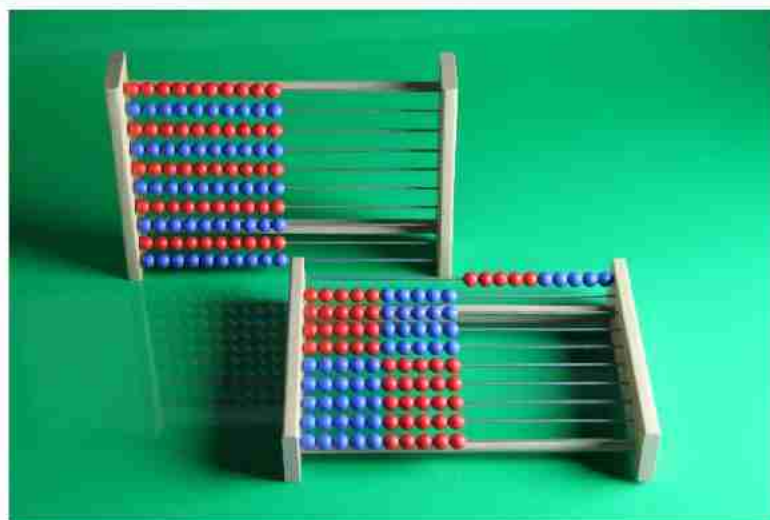


x = 600



x = 500

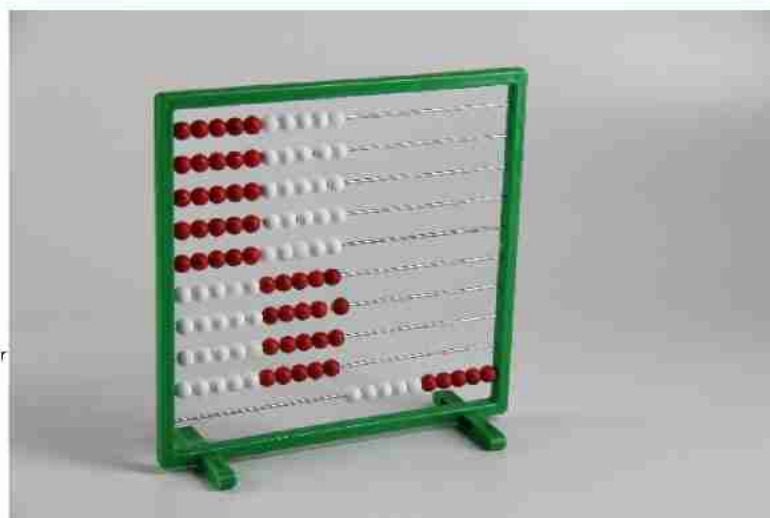
Arrangement for  
small abacus  
080201.X



### Big Student Abacus in the number range of 100

Wooden frame (17x24 cm). Solid Frame with glued wooden sticks and metal sticks.  
Plastic beads  $\varnothing$  11 mm.  
Arrangement look below.

08 203.X

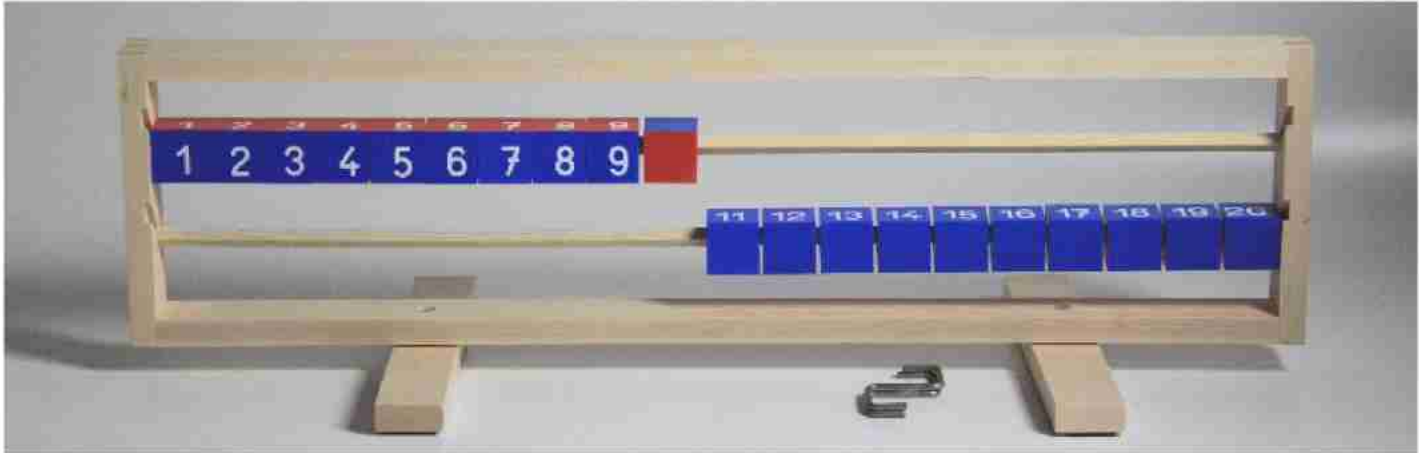


### Big Student Abacus in the number range of 100

Solid plastic frame (24x24 cm) with metal sticks.  
Plastic beads  $\varnothing$  11 mm.  
Arrangement look beside.

080202.X



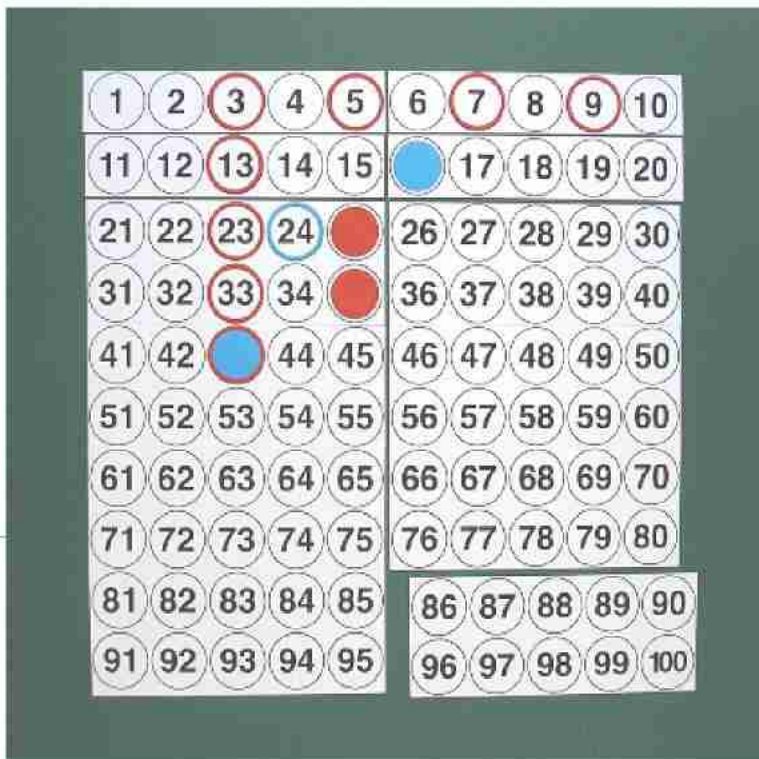


### Small Abacus in the number range of 20

Wooden frame 88 x 25 cm with 20 printed cubes. With hooks.

Wooden abacus (88 cm long) with 20 respectively 100 number cubes (half red / half blue) of 4 cm. The turning cubes are on wooden strips, that can easily be removed. You can use the abacus on a table or you can also hang it on a blackboard (with hooks). Completed structure will be delivered.

080210.000



### Magnetic Hundred Set

Contains:  
12 magnetic pieces, printed with number 1-100  
50 red and 50 blue magnetic circles  
50 red and 50 blue magnetic rings. In a case.

050821.000



080260.000



080263.000



080261.000



### Big Arithmetic String in the number range of 100

Plastic balls ø 11 mm on a expandable string (if you expand the string, all balls are going together). 150 cm long.

Numbers look picture.

### Big Arithmetic String in the number range of 100

Plastic balls ø 11 mm on a expandable string (if you expand the string, all balls are going together). 150 cm long. The balls are arranged in a step of 10.

080262.000



### Big Abacus in the number range of 100

Wooden frame 88 x 79 cm with 100 printed cubes. Assembled version with hooks.

080209.000



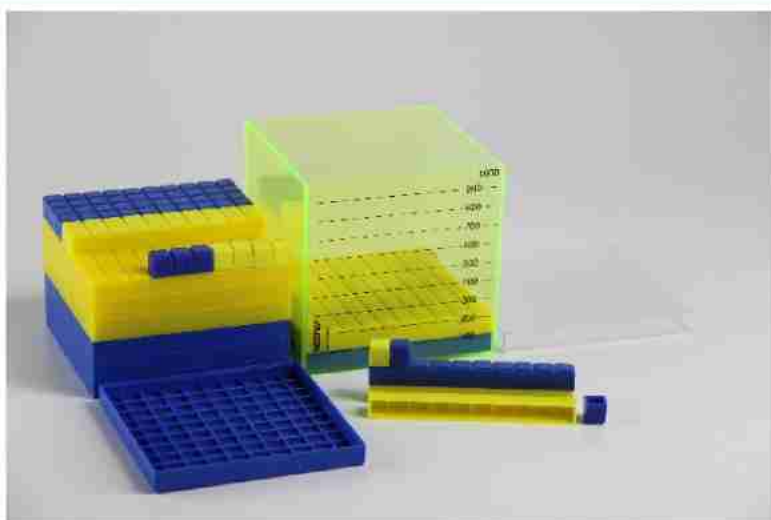
### Big Abacus in the number range of 100

Frame made out of aluminium 88 x 79 cm with 100 printed cubes. Assembled version with hooks.

080207.000

# Calculate in the number range of 1 000

11



## Interlocking Base Ten - Cubicdecimetre

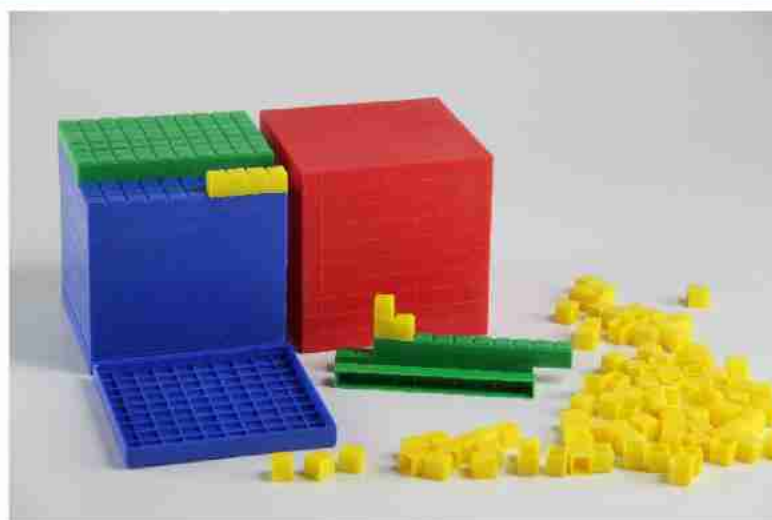
The printed cube 10x10x10 cm contains:

- 5 yellow and 5 blue units
- 4 yellow and 5 blue rods
- 4 yellow and 5 blue flats

Cubicdecimetre Set (10x) in a case

039575.000

039581.000



## Small Base Ten Set

This Set contains:

- 100 yellow units
- 10 blue flats
- 10 green rods
- 1 red cube

In a cardboard box with guide.

039577.000



## Big Abacus for the number range up to 100

This construction kit you can assemble very easy in a short time (with guide).

The same performance as 080209.000.

080229.000

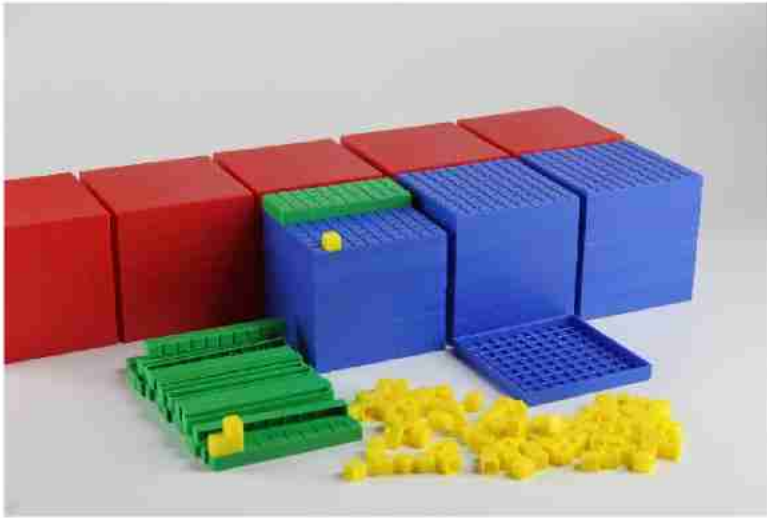


## Big Abacus for the number range up to 1000

Wooden frame 88 x 79 cm with 100 printed cubes (on the one side 1-100 and on the other side 10-1000. Assembled version with hooks.

080213.000





### Big Base Ten Set

This set contains:

100 yellow units      50 green rods  
30 blue flats      4 red cubes

With guide in a cardboard box.

039583.000

039582.000 in a plastic case



### Base Ten Set in the number range of 1000

This set contains:

50 yellow and 50 red units      20 green rods  
5 blue flats, 5 printed blue flats      1 red cube

1 printed Cubicdecimetre Box.

With guide in a cardboard box.

039598.000



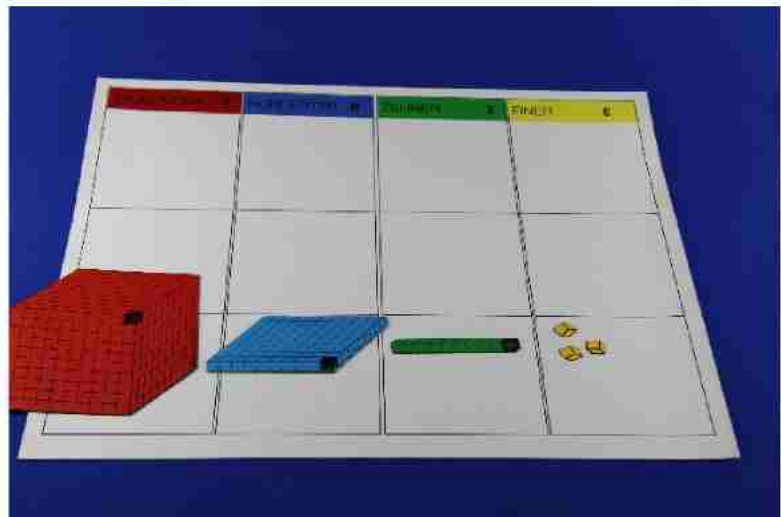
### Base Ten set in the number range of 10.000

This set contains:

100 yellow units      50 green rods  
30 blue flats      9 red cubes

With guide in a cardboard box.

039593.000



### Decimal Place Board

48 x 38cm, made out of plastic. With printed coloured decimal place rows for units, rods, flats and cubes. With two rows for calculations and results.

System working material with Decimal Place Dices, Decimal Place Book and Base Ten set.

080430.000

### Magnetic Decimal Place Board

48 x 38cm, made out of magnetic foil to use it on blackboards.

Look 080430.000.

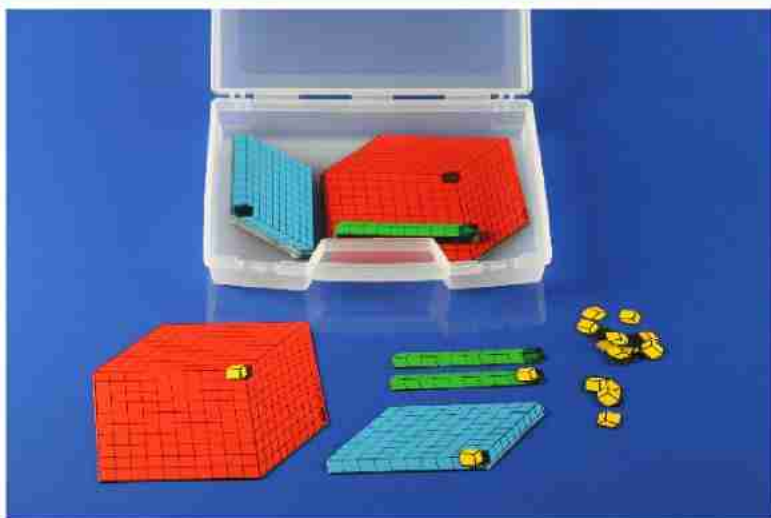
080430.M00

### Magnetic Number Set

This set contains always 4 numbers from 0 to 9 and signs for calculations.  
For Decimal Place Board 080430.M00.

080431.000





### Base Ten Set 3D - Magnetic

This set contains:

25 yellow units      12 green rods  
12 blue flats      5 red cubes

All pieces are made out of a magnetic foil. In a case.

030601.000



### Counting Chip Set I

This set contains:

100 magnetic counting chips red/blue.  
Diameter  $\varnothing$  50 mm. In a plastic case with insert.

080801.000

Each counting chip is magnetic on both sides.  
On the one side the chip is red and on the other side blue,  
so you can show all operations on a steelboard.  
With the set for pupils (080810.000 and 080811.000)  
they can make the same operations.  
Active Learning is so possible.



### Counting Chip Set II

This set contains:

All pieces of set I and 25  
magnetic signs (+, -, <, >, =)  
In a plastic case with insert.

080802.000



### Counting Chip Set III

This set contains:

All pieces of set I and 100  
magnetic numbers 1-100.  
In a plastic case with insert.

080803.000



### Counting Chip Set IV

This set contains:

All pieces of set III and 25  
magnetic signs.  
In a plastic case with insert.

080804.000



### Arithmetic Set I

This set contains:

Complete set 080802.000  
and 25 x 080810.000.  
In a plastic case with insert.

080807.000





### Small Wooden Base Ten Set

This set contains 121 pieces:  
100 units  
10 rods  
10 flats  
1 cubes  
With guide in a cardboard box.

039579.000

### Small Wooden Base Ten Set

This set contains the same like 039579.000, but in a wooden box, with guide.

039579.HK0



### Big Wooden Base Ten Set

This set contains 432 pieces:  
300 units  
120 rods  
12 flats  
With a guide in a wooden box.

039579.S00

### Big Wooden Base Ten Set

This set contains 432 pieces:  
300 units  
120 rods  
12 flats  
With a guide in a cardboard box.

039579.SK0



### 1000 Wooden Units

039586.000



### 10 Wooden Flats

039588.000



### 100 Wooden Rods

039587.000



### 1 Wooden Cube

039589.000



### Soma- Cube

150 wooden cubes 2x2x2cm.  
With guide, in a cotton bag.

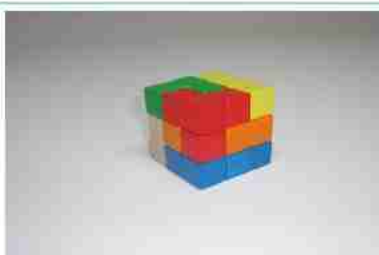
080550.000



### Coloured Soma- Cubes

150 wooden cubes 2x2x2cm.  
in 6 colours.  
With guide, in a cotton bag.

080552.000

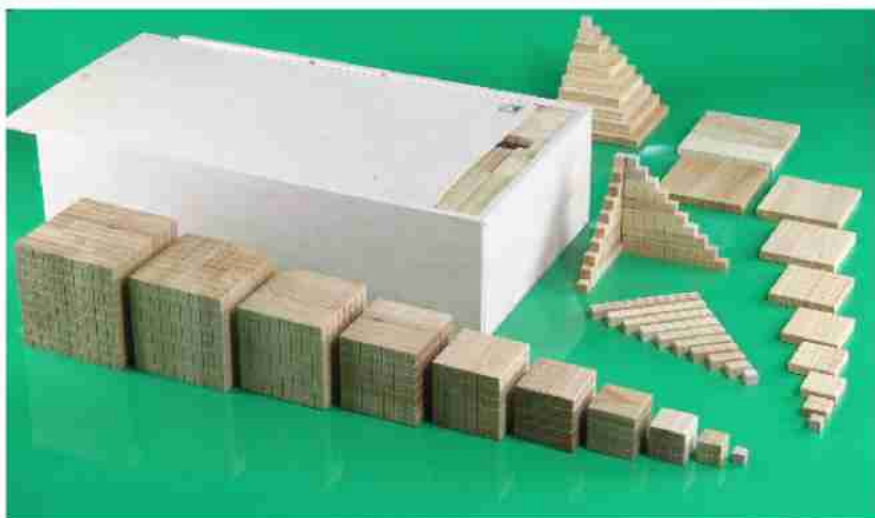


### Soma - Cube

27 cubes 2x2x2 are glued to 7 different elements.  
With these elements you can build a cube or several other constructions.

080555.000









Big Wooden Base Ten Set - Additional Set I with 317 pcs.

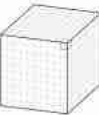



New

039579.HK2

03 95 79.HK2	l x w x h in cm	pieces
	10 x 10 x 10	1
	9 x 9 x 9	1
	8 x 8 x 8	1
	7 x 7 x 7	1
	6 x 6 x 6	1
	5 x 5 x 5	1
	4 x 4 x 4	1
	3 x 3 x 3	1
	2 x 2 x 2	1
	1 x 10 x 10	10
	1 x 9 x 9	9
	1 x 8 x 8	8
	1 x 7 x 7	7
	1 x 6 x 6	6
	1 x 5 x 5	5
	1 x 4 x 4	4
	1 x 3 x 3	3
	1 x 2 x 2	2
	1 x 1 x 10	10
	1 x 1 x 9	9
	1 x 1 x 8	8
	1 x 1 x 7	7
	1 x 1 x 6	6
	1 x 1 x 5	5
	1 x 1 x 4	4
	1 x 1 x 3	3
	1 x 1 x 2	2
	1 x 1 x 1	200

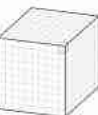



New

Additional Set II with 447 pieces

03 95 79.HK3	l x w x h in cm	pieces
	10 x 10 x 10	1
	6 x 6 x 6	1
	5 x 5 x 5	2
	4 x 4 x 4	4
	3 x 3 x 3	4
	2 x 2 x 2	5
	1 x 10 x 10	10
	1 x 6 x 6	6
	1 x 5 x 5	10
	1 x 4 x 4	12
	1 x 3 x 3	6
	1 x 2 x 2	10
	1 x 1 x 10	20
	1 x 1 x 6	36
	1 x 1 x 5	50
	1 x 1 x 4	32
	1 x 1 x 3	18
	1 x 1 x 2	20
	1 x 1 x 1	200

039579.HK3

Set III with 543 pieces

03 95 79.HK4	l x w x h in cm	pieces
	10 x 10 x 10	1
	9 x 9 x 9	1
	8 x 8 x 8	1
	7 x 7 x 7	1
	6 x 6 x 6	1
	5 x 5 x 5	1
	4 x 4 x 4	1
	3 x 3 x 3	1
	2 x 2 x 2	1
	1 x 10 x 10	20
	1 x 9 x 9	18
	1 x 8 x 8	16
	1 x 7 x 7	14
	1 x 6 x 6	12
	1 x 5 x 5	10
	1 x 4 x 4	8
	1 x 3 x 3	6
	1 x 2 x 2	4
	1 x 1 x 10	22
	1 x 1 x 9	20
	1 x 1 x 8	18
	1 x 1 x 7	16
	1 x 1 x 6	14
	1 x 1 x 5	12
	1 x 1 x 4	10
	1 x 1 x 3	8
	1 x 1 x 2	6
	1 x 1 x 1	300

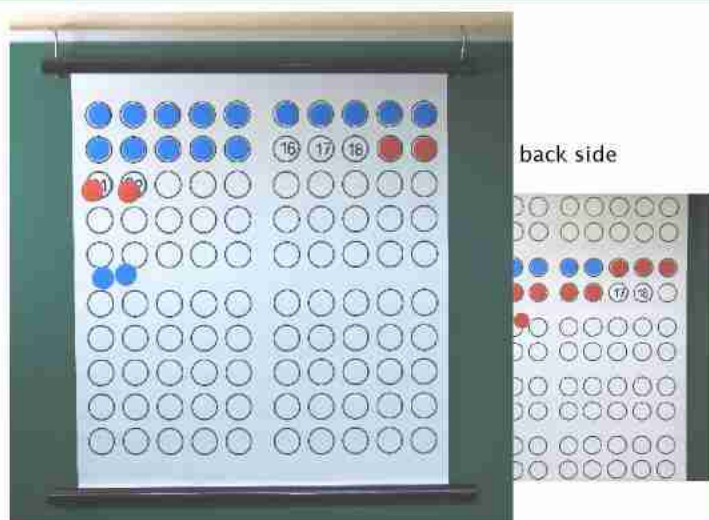
039579.HK4



Wooden Cuisenaire - Rods

This set contains 306 wooden rods:  
108 white cubes 1cm, 50 red 2cm-, 36 light green 3cm-, 28 pink 4cm-,  
20 yellow 5cm-, 16 dark green 6cm-, 14 black 7cm-, 12 brown 8cm-,  
12 blue 9cm- and 10 orange 10cm Rods.  
In a wooden box with insert.

080506.00



### Hundreds magnetic Rollchart with numbers

On one side you can see the number range of 1-100 in 4 fields with 25 circles (ø 4cm) and on the backside is the demonstration of the number range of 1-100 in 10 fields with 10 circles. 70 x 95 cm. In a separate case you can find 50 red and 50 blue circles and numbers from 1 to 100.

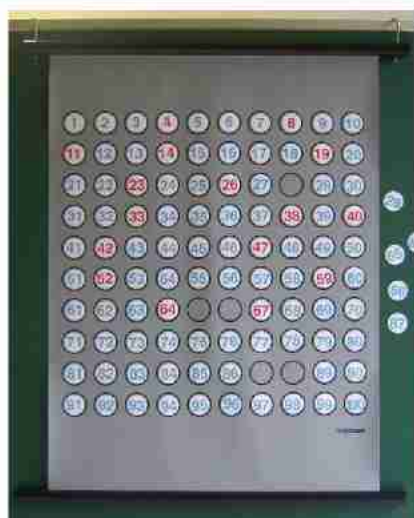
050801.000



### Case with numbers

50 red and 50 blue chips and 100 circles with printed numbers 1 to 100. Diameter is 4 cm, made out of a magnetic foil. In a plastic case with insert.

080805.000



### Magnetic Hundred Board with numbers

Printed board (70x95cm) with 100 circles. In a plastic box you can find 100 printed chips, one side is printed with the numbers in red the other side is printed in blue, both sides are magnetic.

050802.000

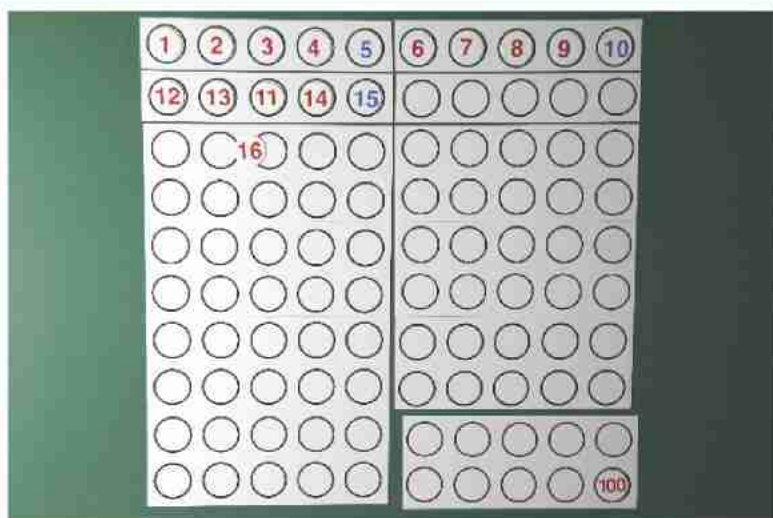


### Multiplication Board

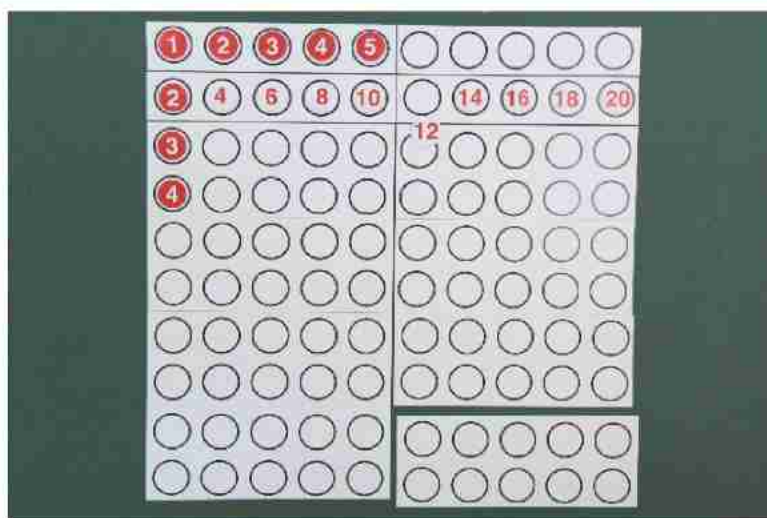
Printed board (70x95 cm) with 100 circles. In a plastic box you can find all numbers for the multiplication table on magnetic circles.

050803.000



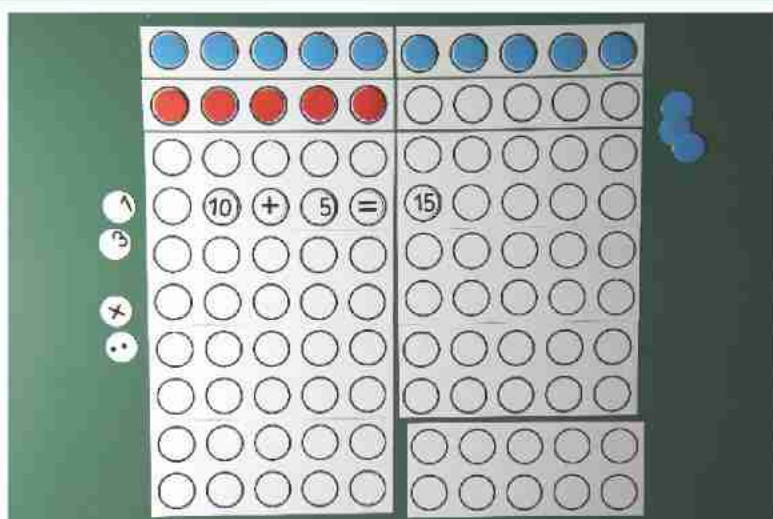


This set contains several magnetic stripes (8 with 10 and 4 with 5 circles), that you can fix at a steel chalk-board. You can decide which stripes you want to show, so you can show several different boards (for example only the number range up to 20 or to 100).



For example you can show the following arithmetic operations:

- overview of the whole hundred board
- to show specific numbers (equal, odd, ...)
- relations between specific numbers
- to show arithmetic operations
- to show the multiplication board



## Hundred Set

With this set you can show all arithmetic operations in the number range of 1-100. You can learn the numbers, several arithmetic operations (addition, subtraction, multiplication, divisions and you can compare the numbers) and you have a multiplication board.

050820.000

The set contain the following magnetic symbols:

- number 1 to 100 in black
- 50 red and 50 blue circles
- double sided numbers 1 to 100, on one side in red and on the other in blue
- red numbers for multiplication board
- 25 arithmetic signs (+, -, =, <, >, x, :)

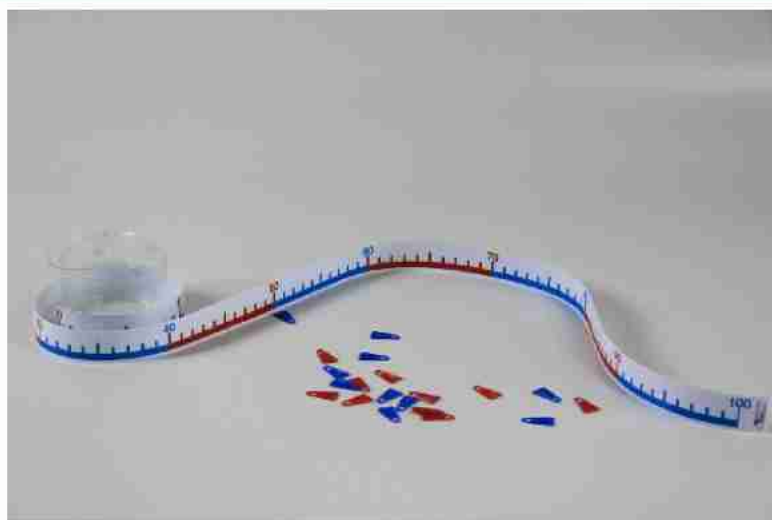




Small Number Line Band

1 m long band, 1 - 100

080900.000

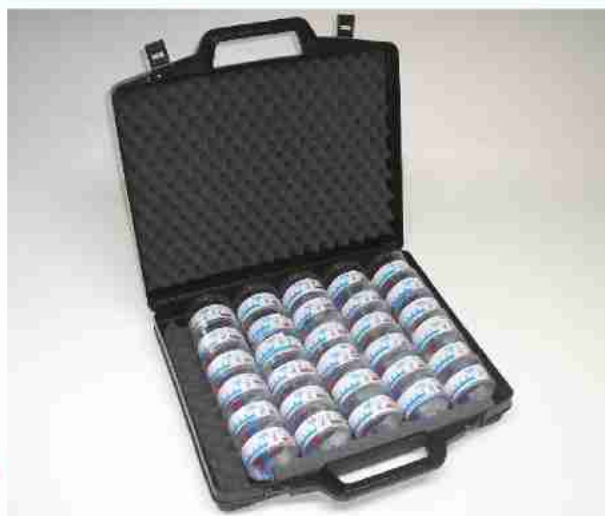


Small Number Line Band

1 m long band, 1 - 1000

080901.000

New



Each band is made out of a tear-resistant and very resistant plastic foil (width of each is 2,5 cm). They are supplied rolled in a plastic box with lid.

To each band you get 5 red and 5 blue clamps.

Number Line Band Set

Set of 30 x 080900.000 in a plastic case with insert.

080905.000

Set of 30 x 080901.000 in a plastic case with insert.

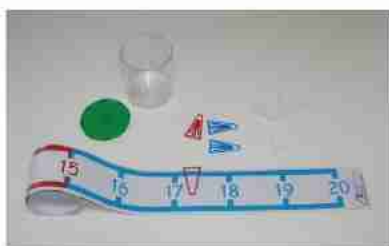
080906.000



080810.000



080820.000



Each band is made out of a tear-resistant and very resistant plastic foil (width of each is 9 cm). They are supplied rolled in a plastic box with lid. To each band you get several red / blue clamps. With the help of hook-and-loop fasteners you can hang each band very easy on the classroom wall.

### Number Line Band

1 - 20 cursive  
2m long

# New

### Number Line Band

1 - 20 egg symbols  
2m long

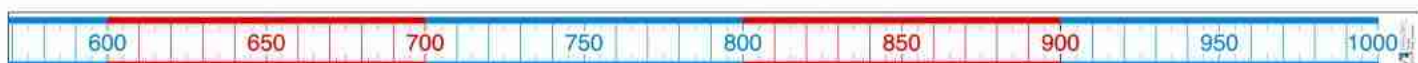
### Number Line Band

1 - 100 egg symbols  
3m long

080911.00

080910.000

080920.000



### Number Line Band

1 - 100  
3m long

### Number Line Band

1 - 1000  
5m long

### Number Line Band

1 - 10000  
10m long

### Number Line Band

1 - 100000  
10m long

080921.00

080930.000

080940.000

080941.000



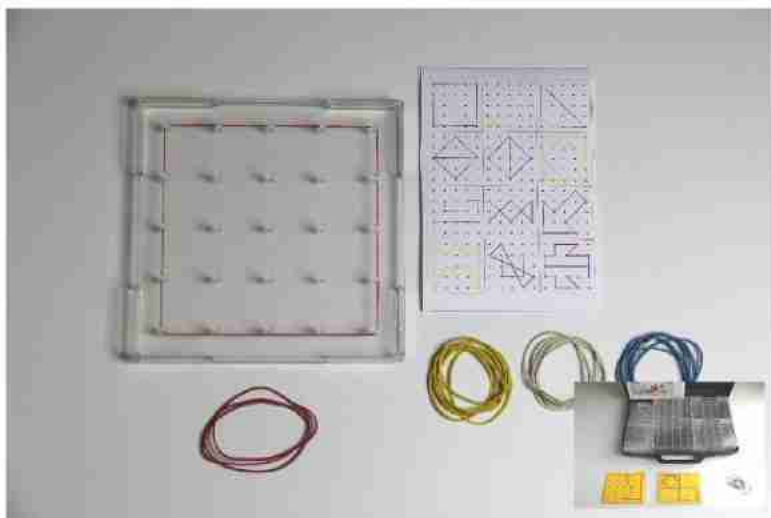
### Number Line Band Set

Contains:  
080911.000  
080921.000  
080930.000  
080940.000  
080941.000  
080950.000

# New

## 20

## Spatial Sense



**Square Geoboard**  
transparent

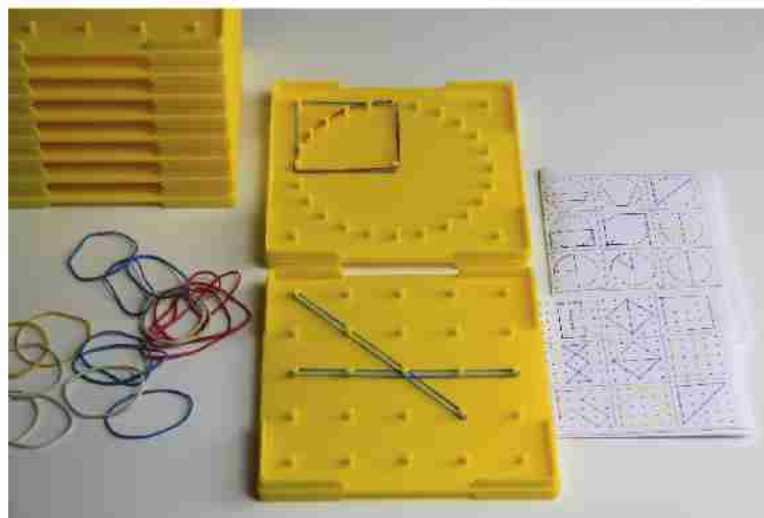
150 x 150mm. Stackable. With 25 pins, inclusive 25 rubber bands in 4 colours and in 2 sizes with 12 examples.

081600.00

**Square Geoboard Set**

with 24 boards 081600.000 in a plastic case with rubber bands, guide and 24 examples (big version printed on a foil for OHP and in small on paper for children).

081620.000



**Geoboard double sided**

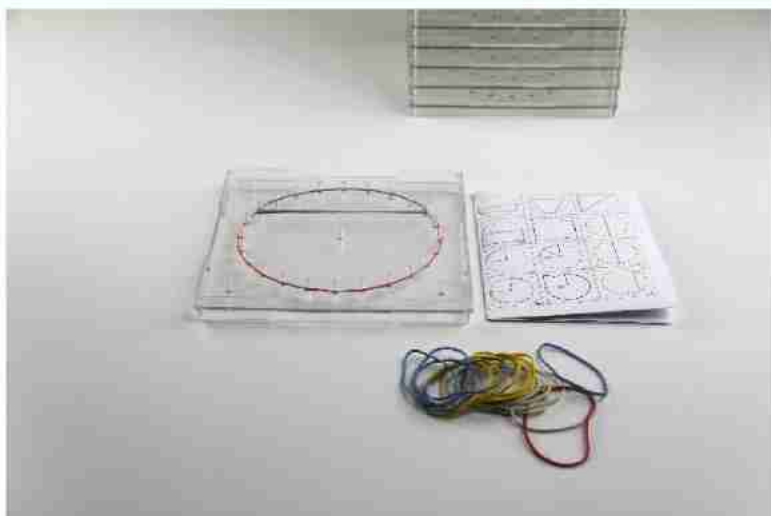
150 x 150mm. Stackable. With 25 pins in square and 29 pins in round arrangement, inclusive 25 rubber bands in 4 colours and in 2 sizes, with 24 examples

X:

100 = yellow  
300 = red  
500 = blue

200 = orange  
400 = purple  
600 = green

081610.x



**Round Geoboard**  
transparent

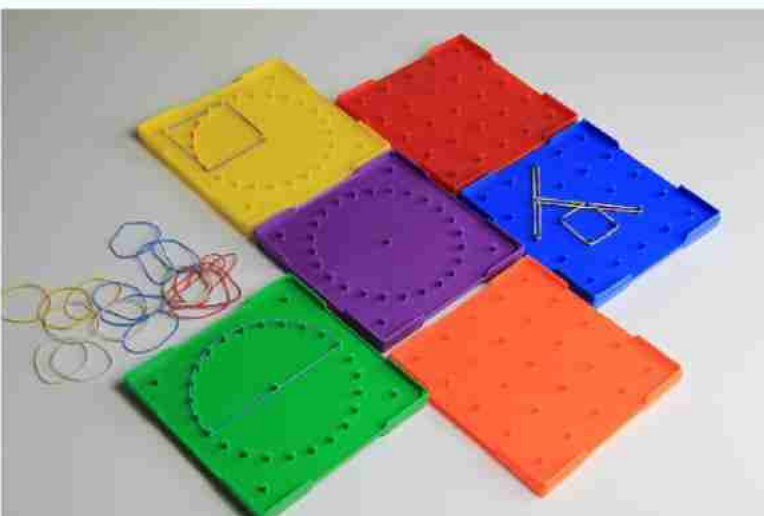
150 x 150mm. Stackable. With 29 pins, inclusive 25 rubber bands in 4 colours and in 2 sizes with 12 examples.

081601.00

**Round Geoboard Set**

with 24 boards 081601.000 in a plastic case with rubber bands, guide and 24 examples (big version printed on a foil for OHP and in small on paper for children).

081621.000



**Geoboard double sided Geoboard Set**

150 x 150mm. Stackable. The set contains 6 boards (081610.000) in 6 different colours. With examples and rubber bands for 6 boards. In a cardboard box.

081622.000

The set contains 24 boards 081610.000 in 6 colours. With examples und 24 set of rubber bands, guide and examples for OHP. In a plastic case.

081623.000

**Set of rubber bands**

25 pieces in a poly bag

081640.00

**Set of rubber bands**

600 pieces in a poly bag

081641.00





## Square Geoboard transparent

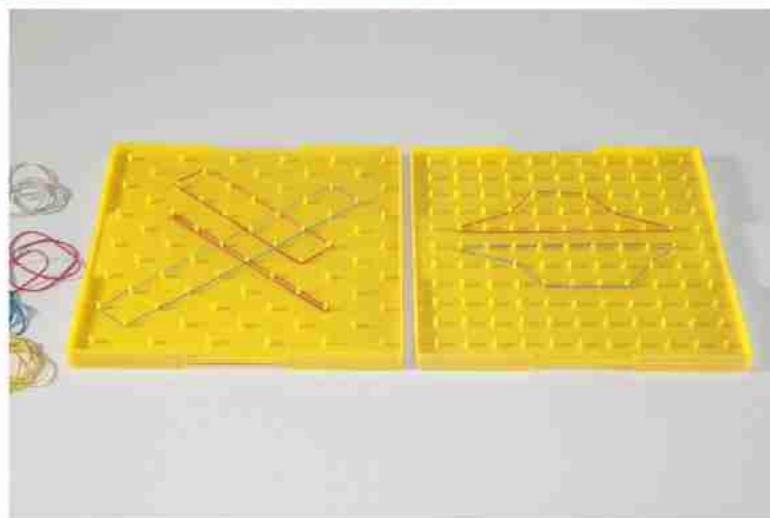
230 x 230mm. Stackable. With 121 pins and 25 rubber bands in 4 colours in 2 sizes, with examples.

081605.000

## Square Geoboard Set

with 24 geoboards 081605.000 in a plastic case with rubber bands, guide and examples (24) on a foil for the OHP and in small.

081625.000



## Double Sided Geoboard

230 x 230mm. Stackable. One side with a square and the other side with an isometric arrangement of the pins. With 25 rubber bands in 4 colours and in 2 sizes. With examples.

081615.x

X:  
100 = yellow    200 = orange  
300 = red      400 = purple  
500 = blue     600 = green



## Isometric Geoboard transparent

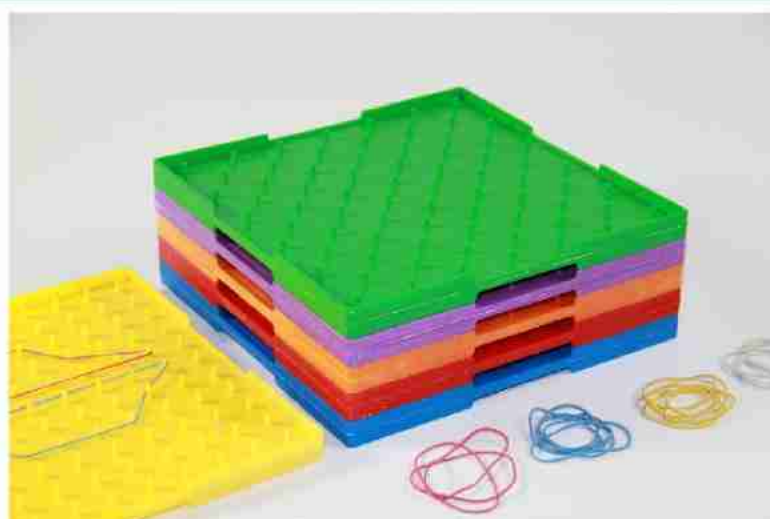
230 x 230mm. Stackable. With 137 pins and 25 rubber bands in 4 colours and in 2 sizes. With examples.

081606.000

## Isometric Geoboard Set

with 24 geoboards 081606.000 in a case with rubber bands, guide and examples (24) on a foil for the OHP and in small.

081626.000



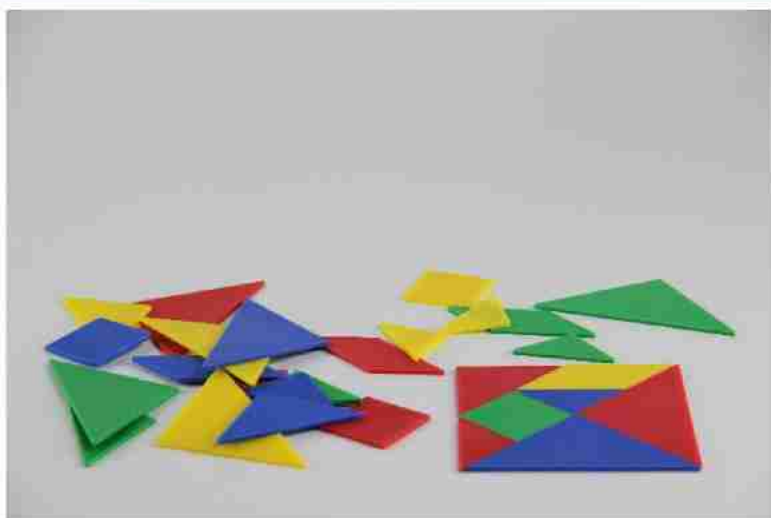
## Double Sided Geoboard Geoboard Set

230 x 230mm. Stackable. This set contains 6 geoboards (081615.000) in 6 colours with 6 sets of rubber bands, in a cardboard box.

081627.000

This set contains 24 geoboards (081615.000) in 6 colours. With examples and 24 sets of rubber bands, guide and examples for OHP and in small. In a case.

081628.000

**Tangrams 28 pieces**

10 x 10cm, durable plastic,  
2mm thick.  
In 4 different colours.  
Packed in a poly bag

080700.000

**Tangrams 28 pieces**

10 x 10cm, durable plastic,  
2mm thick.  
In 4 different colours.  
In a box with 13 examples.

080701.000

**Tangrams 28 pieces**

10 x 10cm, durable plastic,  
2mm thick.  
In 4 different colours.  
In a plastic box.

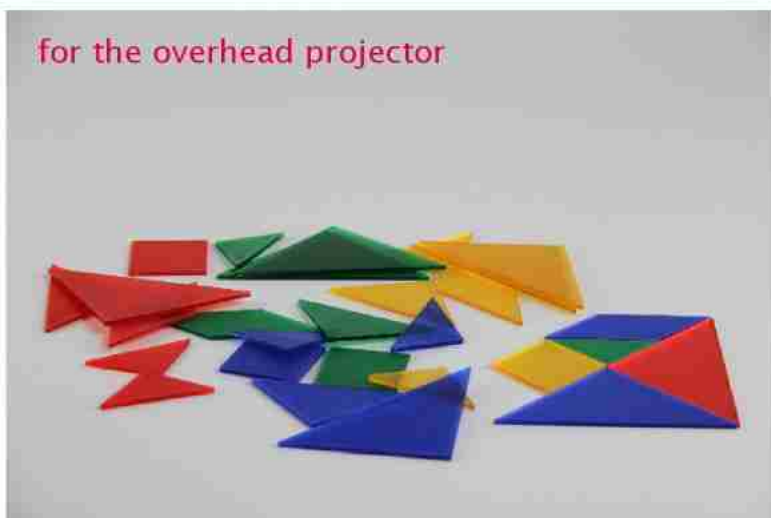
080702.000

**Tangrams 168 pieces**

10 x 10cm, durable plastic,  
2mm thick.  
In 4 different colours.  
In a cotton bag.

080705.000

for the overhead projector

**Tangrams 28 pieces**

10 x 10cm, durable  
transparent plastic,  
2mm thick. In 4 different  
colours. In a poly bag.

080710.000

**Tangrams 28 pieces**

10 x 10cm, durable  
transparent plastic,  
2mm thick. In 4 different  
colours. In a box with 13  
examples.

080711.000

**Tangrams 28 pieces**

10 x 10cm, durable  
transparent plastic,  
2mm thick. In 4 different  
colours. In a plastic box.

080712.000

**Tangrams 168 pieces**

10 x 10cm, durable  
transparent plastic,  
2mm thick. In 4 different  
colours. In a cotton bag.

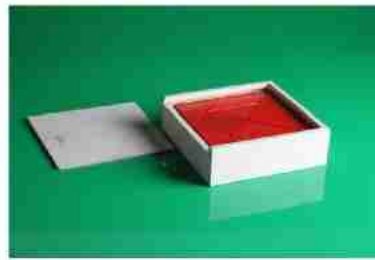
080715.000



### Wooden Tangrams 28 pieces

10 x 10cm.  
In 4 different colours, wood  
5 mm thick.  
In a poly bag.

080720.000



### Wooden Tangrams 28 pieces

10 x 10cm.  
In 4 different colours, wood  
5 mm thick.  
In a wooden box.

080724.000



### Wooden Tangrams 168 pieces

10 x 10cm.  
In 4 different colours, wood  
5 mm thick.  
In a cotton bag.

080725.000



### Tangrams 28 pieces - magnetic

20 x 20 cm.  
In 4 different colours, on the backside are magnetic  
pieces, so you can also stick it to blackboards.  
Plastic, 2 mm thick. In a wooden box with insert.

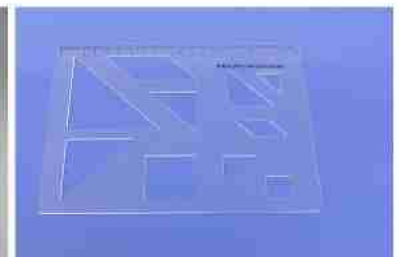
080734.000



### Tangrams 28 pieces

Contains like 080734.000,  
but in a cotton bag.

080735.000



### Tangram Template

080750.000

### Set of 24 Templates

080751.000



Tangram - Work Cards  
for the teacher  
for the overhead - projector

080740.000

Tangram - Work Cards  
for pupils, in a plastic box.

080741.000





### Cubicmetre

This kit contains 12 round tubes, 1 m long and 8 connecting pieces, in a cardboard box. You can assemble it very easy, so you can show a square metre or a cubic metre.

081000.000



### Cubicmetre

This kit contains 12 profile tubes, 1 m long, 8 connecting pieces and 17 additional marks and a guide. You can show a metre, a square metre and a cubic metre very easy.

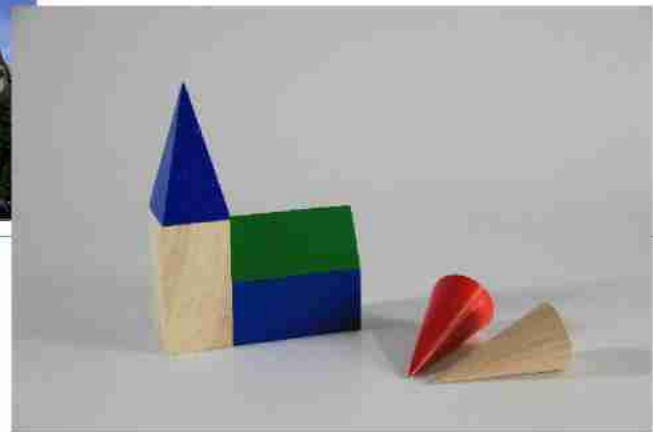
081001.000



### Cubic Metre - Additional Set

With the help of this additional pieces of 50 cm and 1 m you can divide the cubicmetre (081001.000) into  $\frac{1}{8}$ ,  $\frac{1}{4}$  or  $\frac{1}{2}$ .

081002.000



With geometrical shapes pupils should name shapes in their environment. They learn to name parts of it and to classify differences between the shapes.

for example expressions like: cube, prism, sphere, cylinder, pyramid or cone.

The pupils have to investigate the shapes and discover areas, edges and sections. Furthermore they have to find the nets and to calculate all possible lengths, areas and volumes.

Because of the same dimensions of 10 cm it is very easy to find similarities and to calculate.

# Geometrical Shapes



## Geometrical Solids

The set contains 6 different, 10 cm big solids, made out of plastic.  
With guide, packed in a cardboard box.

039601.000



## Wooden Geometrical Solids

The set contains 6 different, 10 cm big solids, made out of wood.  
With guide, packed in a cardboard box.

039602.000



## Geometrical Shapes

The set contains 6 different, 10 cm big shapes, made out of a solid transparent coloured plastic, with lid.  
With guide, packed in a cardboard box.

039604.000



## Geometrical Shapes with net

The set contains six 10 cm big shapes (039604.000) and 5 nets that you can connect with clips. You also receive magnetic pieces, that you can fix on the net parts to hang it on a blackboard.

With guide, packed in a plastic case with insert.

in a cardboard box

039607.000

039607.K00

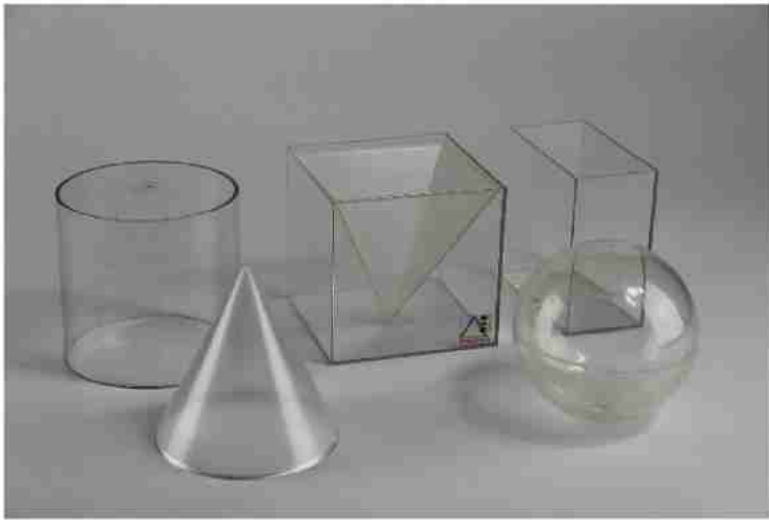


## Geometrical Shapes in a case

Item 039604.000 in a plastic case with insert and guide.

039603.000

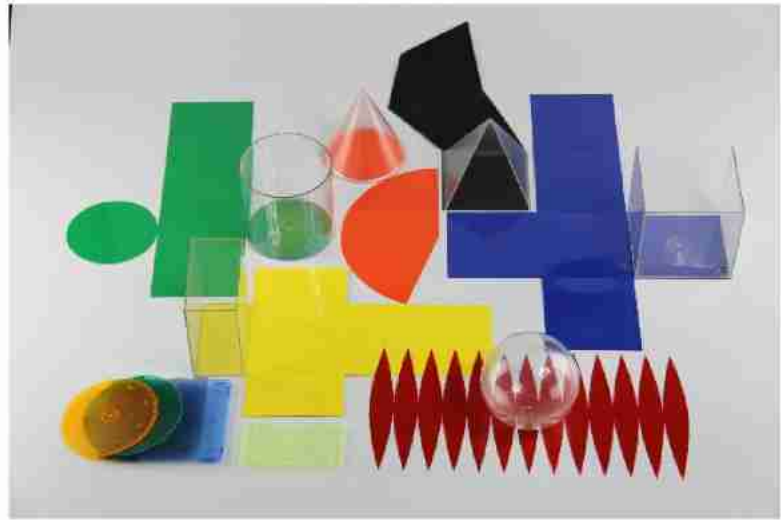




### Geometrical Shape Set

This set contains six transparent shapes, 10 cm high. You can show very easily that the volume relation of the pyramid / cone and cube / cylinder is  $1/3$ . Packed in a cardboard box with guide.

039604.010



### Geometrical Shape Set with net

This set contains all shapes of 039604.010, the lids of all shapes and six nets. In a cardboard box with guide.

039605.000



### Geometrical Shapes with net

This set contains all shapes of item 039604.010 together with coloured lids and nets. Packed in a cardboard box with guide.

039604.280



### Set of 5 nets

This set contains several 2 mm thick plastic pieces that you can connect with clips to a net of five shapes. You can use it for the set 039604.000 and 039604.010.

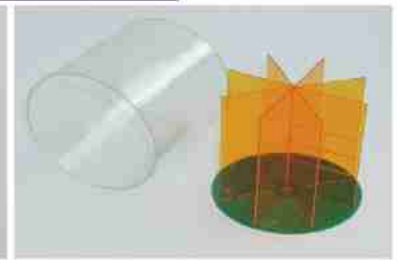
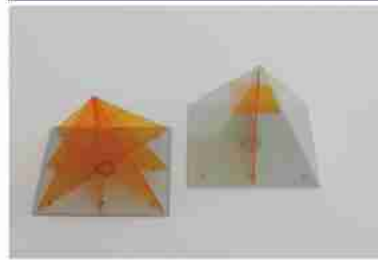
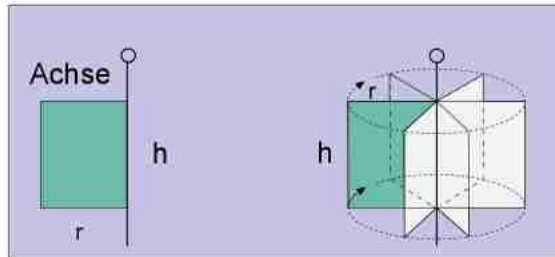
039631.000



### Set of net - magnetic

This set contains magnetic nets for 5 shapes, made out a magnetic foil. You can use it for the sets 039604.000 or 039604.010.

039024.000



### Geometrical Shapes with sections

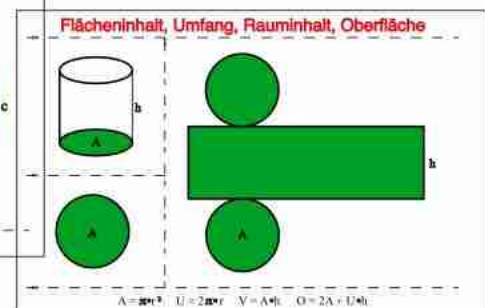
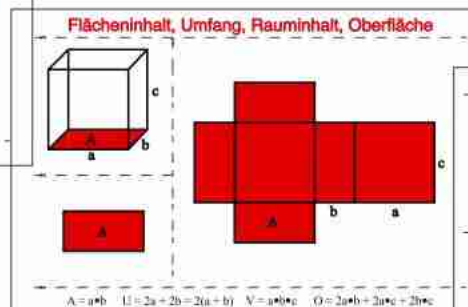
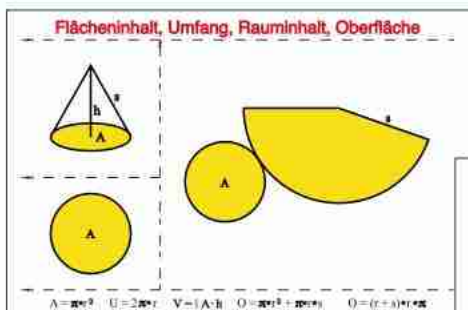
This set contains all shapes of set 039604.010 with several sections. You can stick all section pieces into each lid.  
Packed in a cardboard box with guide.

039604.400

### Geometrical Shape Sets with sections

Same set as 039604.400, but in a plastic case.

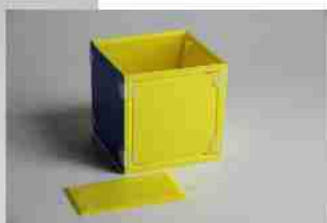
039603.400



### Geo - Overhead - Set

Each overhead foil shows the base areas, shape and net for six geometrical shapes: Cube, prism, cylinder, pyramid, cone and sphere. With formularies.

069517.000



### Geometry Kit

This set contains:

Yellow, blue and black square parts  
Yellow, blue and black rectangular parts  
Orange, green and black triangular parts.  
20 of each color and 125 clips. In a case.

039650.000

With this absolute new item you can build several geometrical shapes with a very easy clip connection. The base line of each piece is 10 cm and it is made of coloured plastic (2 mm thick).

### Geometrical Plates

This contains 120 plates, made out of a transparent colour in 4 colours. You can build several shapes.

039700



New



### Geometry Kit transparent

This set contains 180 pieces:

Yellow, blue, red and green square parts  
Yellow, blue, red and green rectangular parts  
Yellow, blue, red and green triangular parts  
15 of each color and 125 clips, in a case.

039651.000

### Geometry Template

210 x 150 x 1mm. With this template you can draw several geometrical shapes.

039750.000

### Set of Geometry Templates

24 templates 039750.000

039751.000



# Geometrical Shapes



## Geoemtrical Shape Set - 10 cm

With this 10 geoemtrical shapes you can learn to name each shape and you can also make volume relations (you can fill each shape with water or sand).  
The relation of the base to the height is always 1 to 2.  
In a cardboard box with guide.

039504.000



## Geometrical Shape Set - 10 cm

Set like 039504.000, but in a plastic case with insert.

039505.000



## Geometrical Shape Set - 10 cm without lids

This set contains 10 geometrical shapes without lids, made out of a transparent light yellow plastic.  
The edges are shining yellow so you can see it better.  
In a cardboard box.

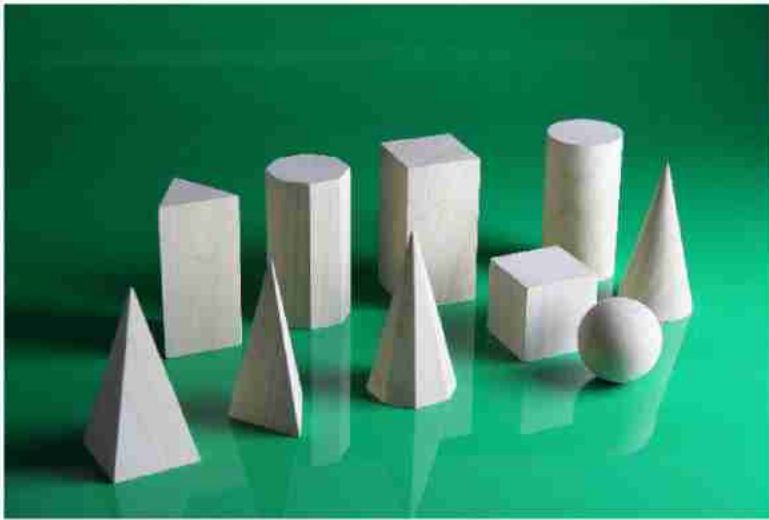
039504.010



## Geoemtrical Shape Set with nets

This set contains all shapes of item 039504.010, coloured lids and coloured nets.  
In a cardboard box with guide.

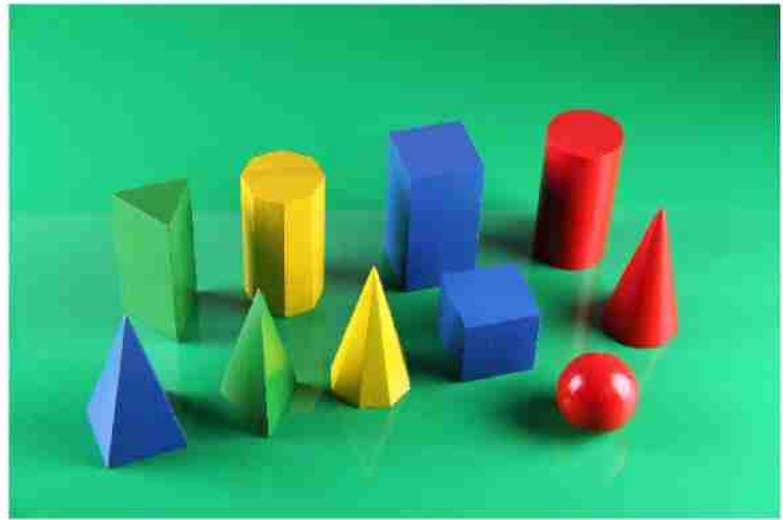
039504.280



### Wooden Solid Set

This set contains ten 10 cm high wooden solids. The relation from the base to the high is also 1 to 2. In a cardboard box.

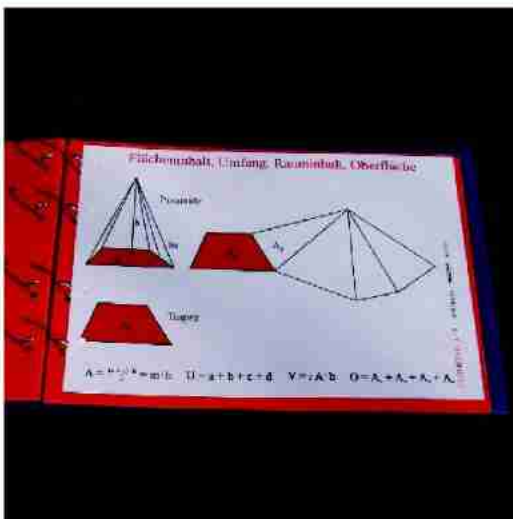
039534.000



### Coloured Wooden Set

This set contains the same solids like in set 039534.000, but the solids are coloured after their base area. You can learn to name geometrical shapes.

039535.000



### Overhead Set of 15 shapes

The several foils show 15 different shapes with the base areas, the shapes and the nets. Furthermore you can find here all formularies to each shape.

069516.00



### Cone with Sections

The Cone is 30 cm high, made out of a transparent plastic. You can unassemble several sections.

034017.000

# Geometrical Shapes



## Geometrical Shape Set - 15 cm

With this 10 geometrical shapes you can learn to name each shape and you can also make volume relations (you can fill each shape with water or sand). The relation of the base to the height is always 1 to 2. In a cardboard box with guide.

039506.000



## Geometrical Shape Set - 15 cm - in a plastic case

Set like 039504.000, but in a plastic case with insert.

039507.000



## Geometrical Shape Set - 15 cm - without lids

This set contains 10 geometrical shapes without lids, made out of a transparent light yellow plastic. The edges are shining yellow so you can see it better. In a cardboard box.

039506.010



## Geometrical Shape Set - 15 cm - with nets

This set contains all shapes of item 039504.010, coloured lids and coloured nets. In a cardboard box with guide.

039506.280

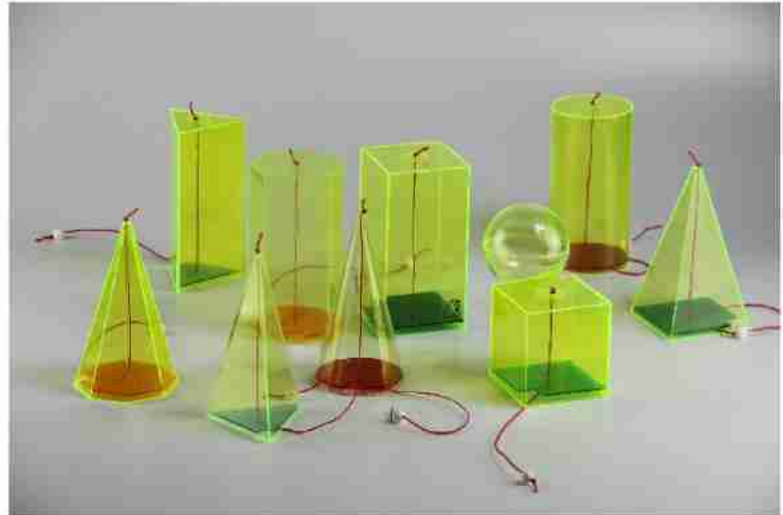




### Geometrical Shape Set - 15 cm - with sections

This set contains ten 15 cm high shapes. Each shape has a coloured section. Furthermore it contains 2 nets. In a cardboard box with guide.

039517.K00



### Geometrical Shape Set - 15 cm - with moveable axis thread

This set contains nine 15 cm high shapes and a sphere. Nine shapes have a moveable axis thread. In a cardboard box with guide.

039519.000



### Geometrical Shapes - 15 cm - with net

This set has the same shapes like 039506.000. 9 shapes have a net, made out of 2 mm thick plastic parts or a flexible foil. In a cardboard box with guide.

039523.000

039522.000

in a case



### Geometrical Shape Set with moveable axis thread

Contains the same like the set 039519.000, but in a plastic case.

039518.000



### Geometrical Shape Set with sections in a case

Contains the same like 039517.K00, but in a plastic case.

039517.000

# Balances and Weights



With our balances and weights the pupils get a realistic imagination and familiarity with the dimension of weights.

With the weighing and comparison of several elements the pupils get accustomed with the units of g and kg. Furthermore they can show relations (for example bigger, smaller or equal).



### Metal Balance - 2 kg capacity

14 x 17 x 40cm. This balance - system Beranger - is made out of metal. Weighing accuracy is  $\pm 1g$ , adjusted.

070100.000



### Metal Balance - 5 kg capacity

16 x 20 x 49cm. This balance - system Beranger - is made out of metal. Weighing accuracy is  $\pm 2,5g$ , adjusted.

070102.000



### Weight Set - 1 kg

This set contains:  
Cast iron weights: 1x500g, 1x200g, 2x100g.  
Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g. In a plastic box.

070226.000



### Balance and Weight Set I

Contains balance 070100.000 and weight set 070226.000.

070100.260





### Weight Set in a case - 2 kg

This set contains:

Cast iron weights: 1x1000g, 1x500g, 1x200g, 2x100g,  
Brass Weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g and  
1x1g.

In a plastic case with insert.

070227.000



### Weight Set - 5 kg

This set contains:

Cast iron weights: 1x2000g, 2x1000g,  
1x500g, 1x200g, 2x100g,  
Brass weights: 1x50g,  
1x20g, 2x10g, 1x5g, 2x2g and  
1x1g.

In a plastic case with insert.

070228.000



### Weight Set - 2.11 kg

This set contains:

Cast iron weights: 1x1000g, 10x100g,  
Brass weights: 10x10g, and  
10x1g.

In a plastic case with insert.

070230.000

### Single Weights

070201.000	Cast iron	0.1 kg
070202.000		0.2 kg
070204.000		0.5 kg
070205.000		1.0 kg
070206.000		2.0 kg
	Brass	
070210.000		1 g
070211.000		2 g
070212.000		5 g
070213.000		10 g
070214.000		20 g
070215.000		50 g
070216.000		100 g

All weights are conform with the M3 norm.



### Balance and Weight Set II

Contains:

Balance 5 kg capacity and weight set  
070226.000

070102.260



### Weight Set - 1 kg

This set contains:

Cast iron weights: 1x500g, 1x200g, 2x100g.

Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g.

In a wooden block.

072426.000



### Weight Set - 1 kg

This set contains:

Cast iron weights: 1x500g, 1x200g, 2x100g.

Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g.

In a wooden box with lid.

072326.000



### Wooden Set - 2 kg

This set contains:

Cast iron weights: 1x1000g, 1x500g, 1x200g, 2x100g.

Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g. In a wooden block.

072427.000



### Wooden Set - 2 kg

This set contains:

Cast iron weights: 1x1000g, 1x500g, 1x200g, 2x100g.

Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g. In a wooden box with lid.

072327.000



### Weight Set - 5 kg

This set contains:

Cast iron weights: 1x1000g, 2x1000g, 1x500g, 1x200g, 2x100g.

Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g. In a wooden block.

072428.000



### Weight Set - 5 kg

This set contains:

Cast iron weights: 1x1000g, 2x1000g, 1x500g, 1x200g, 2x100g.

Brass weights: 1x50g, 1x20g, 2x10g, 1x5g, 2x2g, 1x1g. In a wooden box with lid.

072328.000



### Weight Set - 2.11 kg

This set contains:

Cast iron weights: 1x1000g, 10x100g.

Brass weights: 10x10g, 10x1g.

In a wooden block.

072430.000



### Weight Set - 2.11 kg

This set contains:

Cast iron weights: 1x1000g, 10x100g.

Brass weights: 10x10g, 10x1g.

In a wooden block.

072330.000



# Interlocking Weight Cubes

39



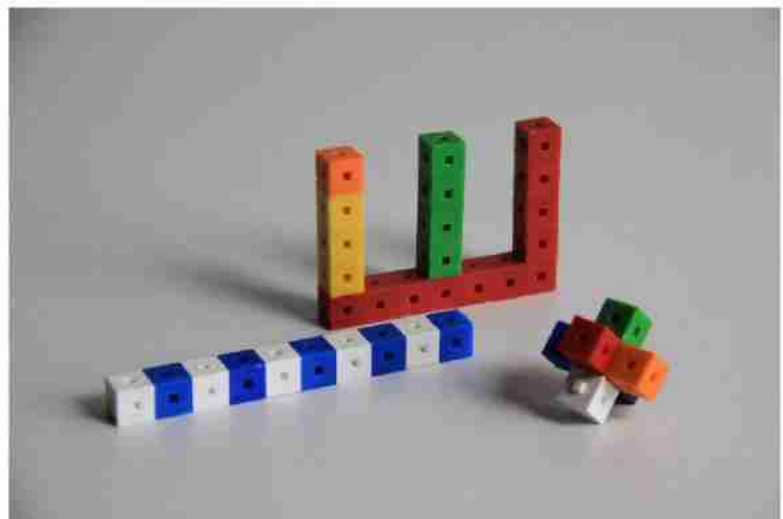
## Cube colours

X = 001	white
X = 002	black
X = 003	red
X = 004	yellow
X = 005	orange
X = 006	blue
X = 007	green
X = 008	light green
X = 009	light blue
X = 010	pink

## Interlocking Weight Cubes - 100 pieces

Each cube has a size of 1 x 1 x 1 cm and has a weight of 1g.  
You can connect the cubes to **all six sides**.  
Available in ten different colours.

070220.x



## Interlocking Weight Cubes - 1000 pieces in 10 colours

The same cubes as above.  
Packed in a cotton bag.

070221.000



### EURO - Money Case

This set contains 130 bills and 160 coins.  
20 of each: 5, 10, 20, 50, 100, 200 bills and 10x500 bills.  
20 of each: 1, 2, 5, 10, 20, 50 cent coins and  
1, 2 Euro coins.  
Packed in a plastic case with insert.

080640.000



### EURO- Coins

50 coins in original size.  
10x1, 5 of each 2,5,10,20,50  
Cent, 10x1 Euro and 5x2  
Euro coins.  
In a plastic box.

080610.000



### EURO - Bills

40 bills  
10x 5, 10 x 10, 6 x 20, 6 x 50,  
4 x 100, 2 x 200 and  
2 x 500 Euro bills.  
In a plastic bag.

080620.000



Special Coins of your Country  
are also available, please ask  
for more information!

### EURO - Money Class Set - magnetic

This set contains 50 coins (300% bigger) and 30 bills (original size), made out of  
a magnetic plastic foil to use it on steelboards.  
10x1 Cent, 5x 2,5,10,20,50 Cent, 10x1 Euro, 5x2 Euro coins  
4x5, 6x10, 6x20, 4x50, 6x100, 2x200 and 2x500 Euro bills. Packed in a wooden case.

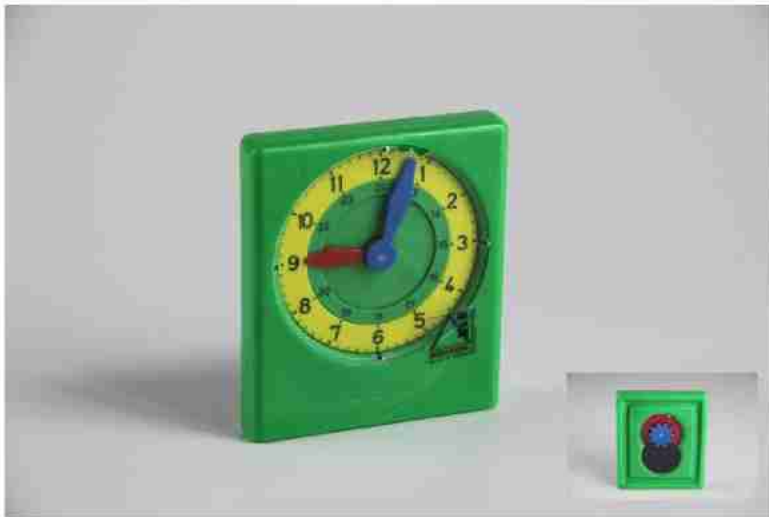
080630.000



With help of these learning clocks the children can adjust and read the time for themselves. They learn to realize different time frames and get an imagination of time units in hours and minutes.

They can connect real situations with the exact time, for example when school is starting or lunch time.





### Small Clock

12 x 10 x 2 cm. This clock is made out of solid plastic with rounded edges. You can adjust the time at the back or with geared hands like a real clock. The gears and the hands are protected by a lid. Packed in a poly bag.

090200.A00



### Small Clock - Construction Kit

12 x 10 x 2 cm. With the help of this kit the pupils learn how a geared clock is working (manual for the assembling is included) and they can also learn the time step by step. Packed in a poly bag.

090200.00



### Pupil's Clock

Diameter 6 cm. You can adjust the hands separately.

090201.000



### Clock - classic

Diameter 11 cm. The hands and the gears are protected by a transparent lid. You can adjust the time on the backside. Packed in a cardboard box.

090202.000



### Big Learning Clock

Diameter 27 cm. The clock has a robust stand. Like real clocks this clock has also geared hands and you can move it with a knob or with the big hand. Packed in a cardboard box.

090101.000



### Learning Clock Set I

This set contains 19 small clocks (090202.000) and 1 big learning clock (090101.000). Packed in a plastic case with guide.

092001.000



### Teaching Clock Kit

This set contains 1 large teaching clock, 24 pupil's clocks and a teaching guide. Packed in a cardboard box.

092020.000



### Learning Clock Set II

This set contains 19 small clocks (090202.000) and 1 big learning clock (090101.000). Packed in a plastic case with guide.

092003.000





### Chalkboard Clock - magnetic

36 x 29 cm. Made out of magnetic foil, with separate hand and numbers, so you can show analog and digital time.  
Packed in a poly bag.

090110.000



### Small Clocks transparent

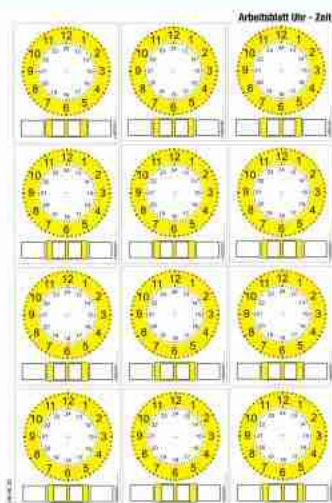
11 x 12cm. On a transparent plastic sheet is printed a clock cover. You can adjust the hands separately.  
Set of 10, packed in a poly bag.

090702.000

### Small Clocks white

11 x 12cm. On a white plastic sheet is printed a clock cover. You can adjust the hands separately.  
Set of 10, packed in a poly bag.

090703.000



### Clock Working Cards

20 paper sheets (30x21 cm). You can draw the analog and digital time on that sheets.

090620.000



### Clock Template

With that template you can draw a clock cover, the hands and all numbers.

090420.000

### Small Clock Set

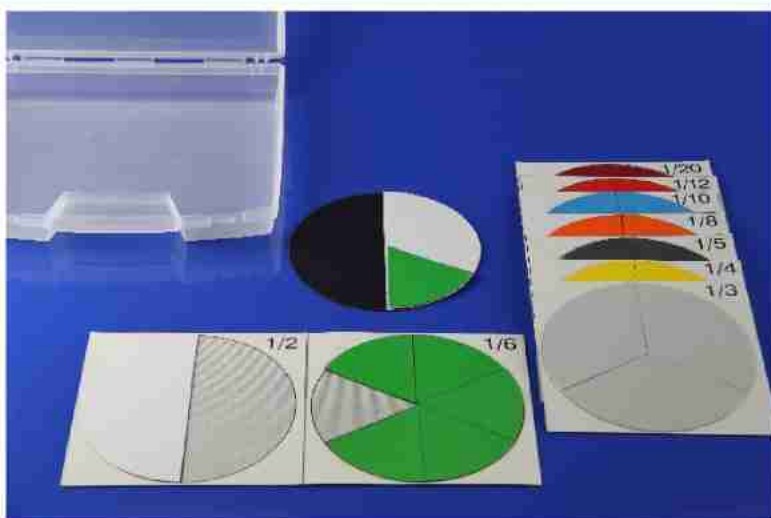
This set contains:  
20 clocks from 090703.000 and  
1 clock from 090702.000.  
In a plastic case.

092701.000



# Calculate with Fractions

45



## Round Fraction Pieces - magnetic

14cm diameter. 10 fractions:  
 $1/1$ ,  $1/2$ ,  $1/3$ ,  $1/4$ ,  $1/5$ ,  $1/6$ ,  $1/8$ ,  $1/10$ ,  $1/12$ ,  $1/20$   
 Each part is magnetic, so you can also stick it on blackboards.  
 Packed in a plastic case.

120120.000

New



## Round Fraction Pieces - 10 Fractions

10 cm diameter. 2 mm strong plastic. 10 fractions:  
 $1/1$ ,  $1/2$ ,  $1/3$ ,  $1/4$ ,  $1/5$ ,  $1/6$ ,  $1/8$ ,  $1/10$ ,  $1/12$ ,  $1/20$   
 Each fraction has its own colour and each piece is marked.  
 Packed in a round plastic box.

120122.000

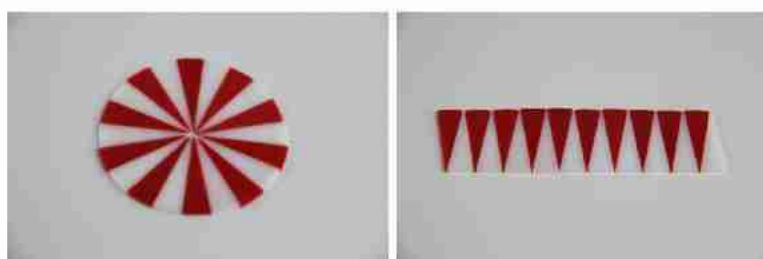


## Square Fraction Pieces

10 x 10 cm. 8 fractions in different colours.  
 Packed in plastic box.

120123.000

New



## Calculation Model for Pi

You can split the circle (diameter 10 cm) into 20 segments. With these segments you can built up a rectangular. So you can calculate the number of Pi. Packed in a poly bag with guide.

120130.000



### Set of 6 Beakers

You can use these transparent beakers up to 180° C. 1000ml, 500ml, 250ml, 100ml, 50ml and 1ml.

100101.000



### Set of 6 Beakers

You can use these transparent beakers up to 180° C. 1000ml, 500ml, 100ml, 50ml, 10ml and 1ml.

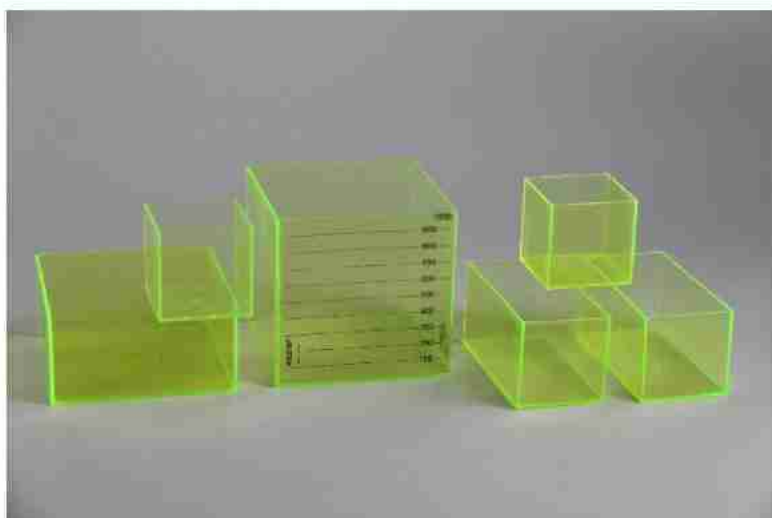
100102.000



### Set of 11 Beakers

You can use these transparent beakers up to 180° C. 2000ml, 1000ml, 600ml, 500ml, 400ml, 250ml, 100ml, 50ml, 25ml, 10ml and 1ml.

100104.000



### Volume Relation Set

With this set pupils can find out several relations between each cubes and prisms.  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ . Packed in a cardboard box.

039590.000



### Liter - Box

With lid.

100301.000

Without lid.

100300.000



### Set of 6 Beakers

1000ml, 500ml, 250ml, 100ml, 50ml and 10ml.  
You can use these beakers up to 135° C.

100110.000



### Set of 10 Beakers

2000ml, 1000ml, 600ml, 500ml, 400ml, 250ml, 100ml,  
50ml, 25ml and 10ml.  
You can use these beakers up to 135° C.

100111.000



### Set of 6 Beakers

1000ml, 500ml, 250ml, 100ml, 50ml and 10ml.  
You can use these beakers up to 135° C.  
The beakers have an embossed scale.

100110.800



### Set of 7 Measuring Cylinders

1000ml, 500ml, 250ml, 100ml, 50ml, 25ml and  
10ml.  
You can use these beakers up to 135° C.  
The cylinders have an embossed scale.

102000.000





### Weather Station

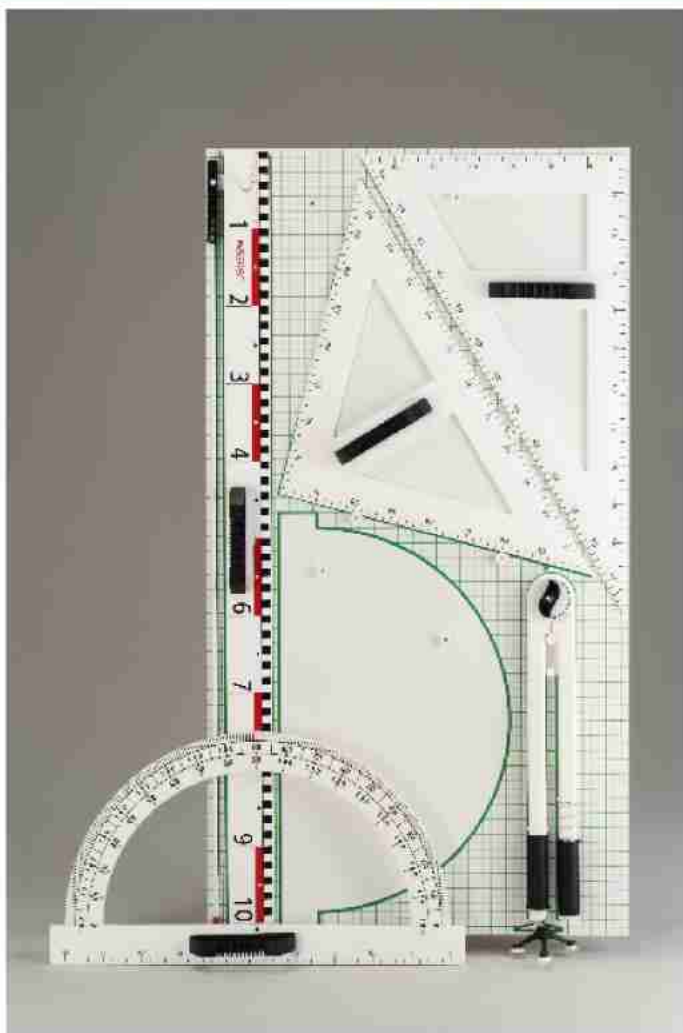
Size: 60 x 40 x 60 cm.  
Containing the following instruments:  
barometre, hygrometre, min-maximum  
thermometre, rain collector and weather  
cock. These meteorological instruments  
allow working with all necessary results.  
Made completely out of weather resistant  
plastic, stable construction so that a  
long life can be guaranteed.

110101.000

### Stand for Weather Station

Made out of aluminium and corresponding  
material for installement, 150 cm long.

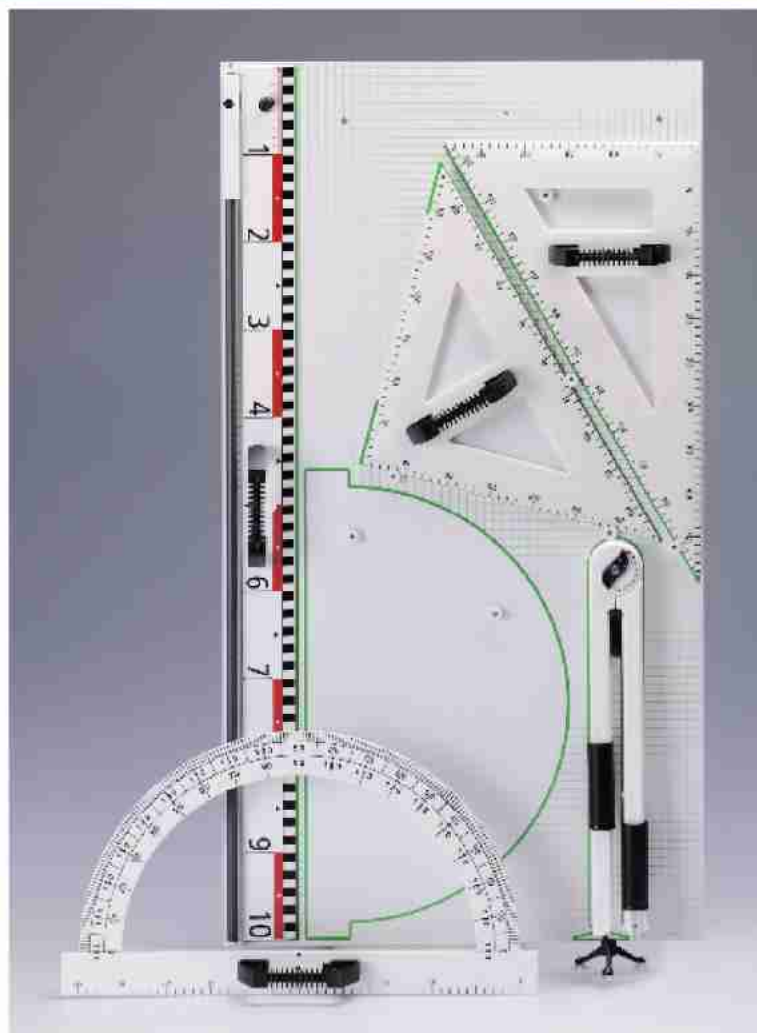
110105.000



## Blackboard Drawing Set III

010300.000 Ruler with decimetre printing 100cm  
 010600.000 Protractor 180°, 50cm  
 010710.000 Set Square 45° 60cm  
 010810.000 Set Square 60° 60cm  
 010911.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015004.000 board 102 x 55cm  
 Packed in a cardboard box.

015104.000



## Blackboard Drawing Set IV

010300.000 Ruler with decimetre printing 100cm  
 010600.000 Protractor 180°, 50cm  
 010700.000 Set Square 45° 50cm  
 010800.000 Set Square 60° 50cm  
 010911.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015002.000 board 102 x 55cm  
 Packed in a cardboard box.

015102.000

## Magnetic Blackboard Drawing Set III

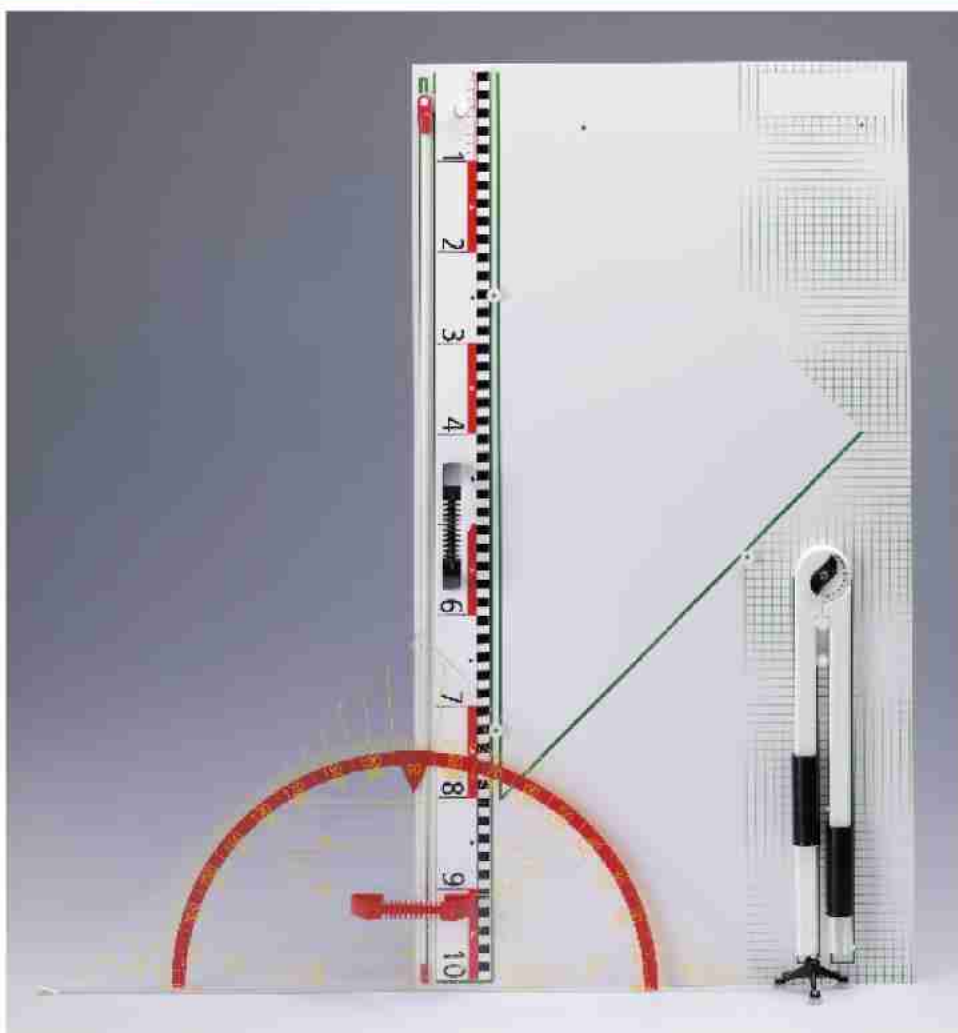
010300.M00 Ruler with decimetre printing 100cm  
 010600.M00 Protractor 180°, 50cm  
 010710.M00 Set Square 45° 60cm  
 010810.M00 Set Square 60° 60cm  
 010912.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015004.000 board 102 x 55cm  
 All instruments are magnetic. Packed in a cardboard box.

165104.M00

## Magnetic Blackboard Drawing Set IV

010300.M00 Ruler with decimetre printing 100cm  
 010600.M00 Protractor 180°, 50cm  
 010700.M00 Set Square 45° 50cm  
 010800.M00 Set Square 60° 50cm  
 010912.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015002.000 board 102 x 55cm  
 All instruments are magnetic. Packed in a cardboard box.

015102.M00



### Blackboard Drawing Set I

010300.000 Ruler with decimetre printing 100cm  
 017050.000 Geo Set Square 45° 60cm  
 010911.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015001.000 board 102 x 55cm  
 Packed in a cardboard box.

015101.000

### Blackboard Drawing Set II

010300.000 Ruler with decimetre printing 100cm  
 017150.000 Geo Set Square 45° 80cm  
 010911.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015003.000 board 102 x 55cm  
 Packed in a cardboard box.

015103.000

### Magnetic Blackboard Drawing Set I

010300.M00 Ruler with decimetre printing 100cm  
 017050.M00 Geo Set Square 45° 60cm  
 010912.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015001.000 board 102 x 55cm  
 All instruments are magnetic. Packed in a cardboard box.

165101.M00

### Magnetic Blackboard Drawing Set II

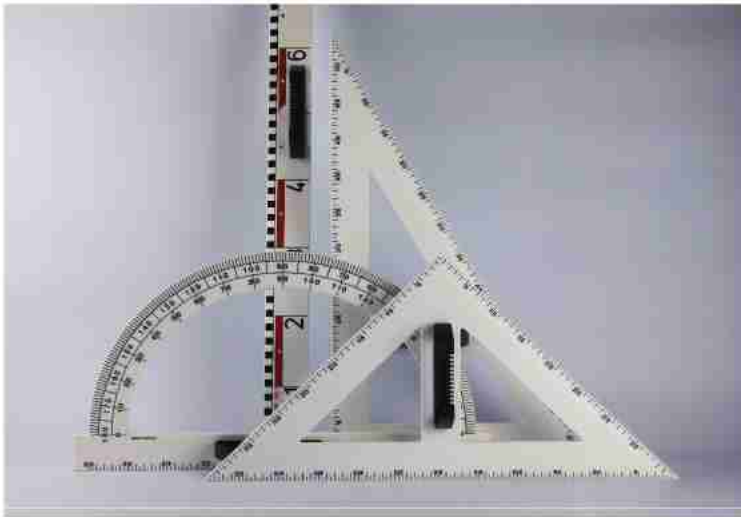
010300.M00 Ruler with decimetre printing 100cm  
 017150.M00 Geo Set Square 45° 80cm  
 010912.000 Compass with threefoot and turning handle  
 011210.000 Pointer 100cm, glass-fiber  
 015003.000 board 102 x 55cm  
 All instruments are magnetic. Packed in a cardboard box.

015103.M00



# Blackboard Drawing Instruments

51



## Soft edges

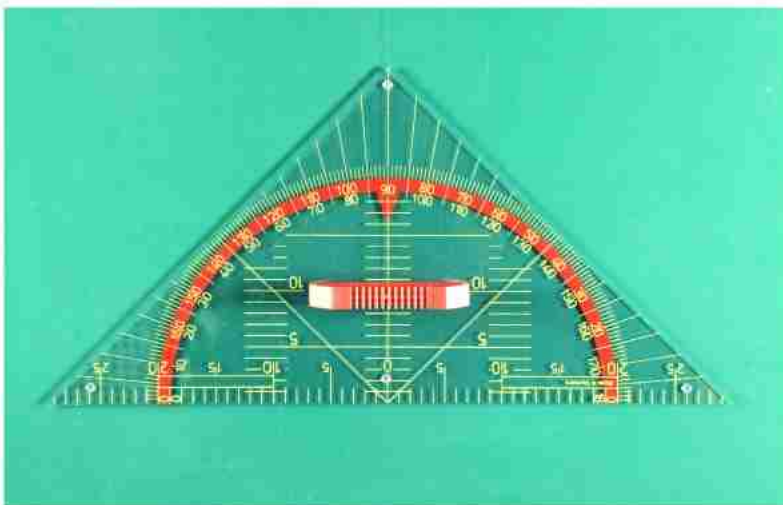
Rounded DIN edges 4 mm with facet scale.

The exact slide of chalk and an optimal reading is guaranteed.



Ruler with decimetre printing 100cm	010300.000
Ruler 100cm	010400.000
Protractor 180° 50cm	010600.000
Set Square 45°, 50cm	010700.000
Set Square 45°, 60cm	010710.000
Set Square 60°, 50cm	010800.000
Set Square 60°, 60cm	010810.000
Pointer 100cm, glass-fiber	011210.000
Pointer 130cm, glass-fiber	011220.000

Anti-slide strips under the handle position guarantee highly slide firmness.



You can use this handle also with big hands.



## Small Geo Set Square

Geo Set Square 45°, 60cm	017050.000
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## Big Geo Set Square

Geo Set Square 45°, 80cm	017150.000
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## Set of Magnets

Magnetic Stripes for all instruments.  
Packed in a poly bag.

010005.000
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Blackboard Compass

With suction cup.

010900.000



Blackboard Compass

With suction cup and turning handle.

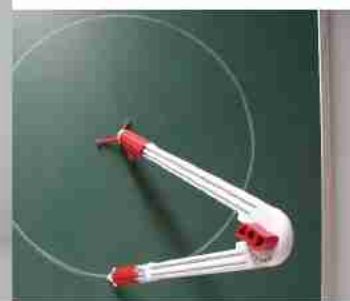
010901.000



Magnetic Blackboard Compass

With magnetic threefoot and turning handle.

010912.000



Blackboard Compass

With threefoot.

010910.000



Blackboard Compass

With threefoot and turning handle.

010910.000



Long life with an aluminium joint and steel rivets for fixing suction cups.



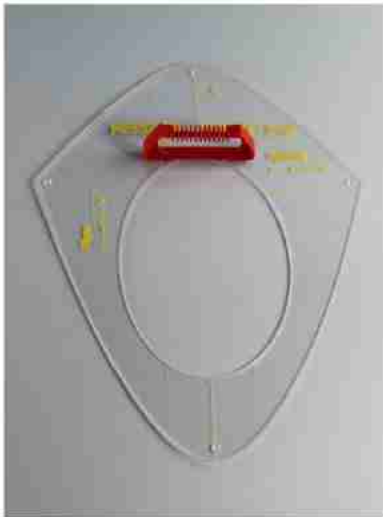
Ergonomic setscrew and a radius graduation guarantee easy handling.



A round pushing device allows absolute safe holding of writing equipment from 6 to 18 mm diameter (for round and square edged chalk and pens).

# Blackboard Drawing Instruments

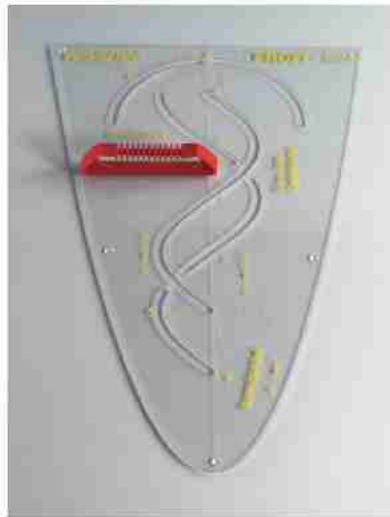
53



Hyperbola Template

Size 50cm.  
Unit 1 = 5cm.

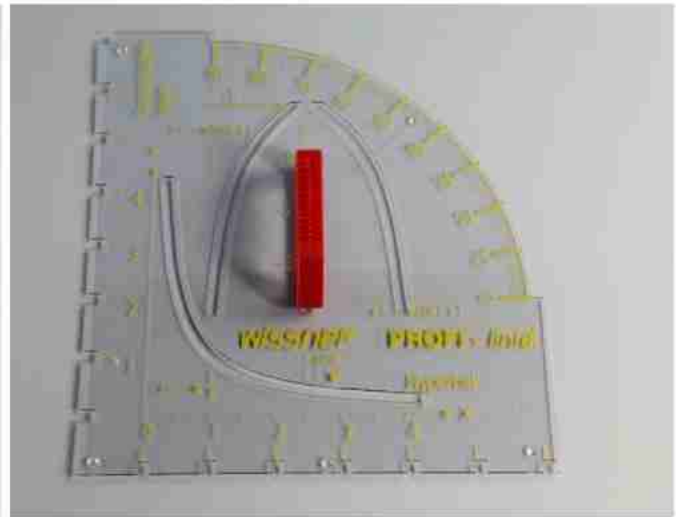
012050.000



Parabola Template

Size 50cm.  
Unit 1 = 5cm.

012650.000



Tangens Template

Size 50cm.  
Unit 1 = 5cm.

012450.000

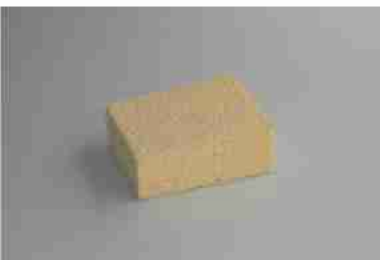
## Blackboard Accessoires



Sponge

16 x 10 x 6 cm.

131001.000



Sponge Viscose I

14 x 10 x 5 cm.

131002.000



Wiper

30 cm, made out of metal.

131008.000



Chalk Holder

Useable for Robercolor Chalk..

131008.000



Sponge Viscose II

19 x 8.5 x 6 cm.

131003.000



Duster

35x35cm.

131004.000





- size: 12 x 12 x 90 mm
- natural chalk, not toxic (conforms with DIN EN 71-3)
- dustless, without chemical surface
- useful for all kind of school boards
- high quality of raw material
- does not damage the board surface
- comfortable writing
- break proofed (1,5 kg breaking point)
- no odour, easy to dry wipe
- with one stick you can write up to 305 metre



rounded edges, so sticks cannot roll from table, but a comfortable writing is guaranteed



### School Chalk PROFI-linie

12 pieces white	132002.000
12 pieces unicolor	132004.x
12 pieces, 12 couleurs	132005.000
12 pieces, 6 colours	132006.000
12 pieces, 6 coloured and 6 white	132007.000

.x  
001=yellow, 002=orange,  
003=red, 004=light red,  
005=green, 006=light green,  
007=blue, 008=light blue,  
009=pink, 010=purple,  
011=brown, 012=light brown

72 pieces white

132001.000

72 pieces unicolor

132003.x

## School Chalk



round form



### Robercolor-Champagne Chalk - round

100 pieces white	132101.000
10 pieces white	132102.000
100 pieces unicolor	132103.x
100 pieces 10 coloured	132104.000
10 pieces 10 coloured	132105.000

.x  
001=yellow, 002=orange,  
003=red, 004=blue,  
005=brown, 006=green

### Latex Duster

131005.000

# Blackboard Drawing Instruments 55



015121.000

All instruments are made out of high impact plastic. The bright yellow colour is ideal for the use on green or white blackboards and the black graduation can be read easily.

The hands with solid round crosscuts guarantee a high grip.

The compass has a radius imprinting in the head, so you can set it and draw a circle in your desired diameter without using an additional ruler. The rubber cup sucks on every flat surface, so you can use it on every chalkboard. The round pushing device fix every writing equipment in a very easy and firm way, so you can use every chalk or markers with a diameter between 6 and 18 mm.

The pointer is made of break proofed fiberglass.

On the plastic board (item 015120.000 102x55 cm) you can hang up several drawing instruments on clamps that are assembled on the board. You can mount the board with screws to a wall beside the chalkboard.

All instruments are also available with centimetre or inch graduation or in a magnetic version. We can also print your company logo on it.

- 010200.000 T-Square 100 cm
- 010420.000 Ruler 100 cm
- 010620.000 Protractor 180° 50 cm
- 010720.000 Set Square 45° 60 cm
- 010820.000 Set Square 60° 50 cm
- 010920.000 Compass with suction cup

- 010200.M00 Magnetic T-Square 100 cm
- 010420.M00 Magnetic Ruler 100 cm
- 010620.M00 Magnetic Protractor 180° 50 cm
- 010720.M00 Magnetic Set Square 45° 60 cm
- 010820.M00 Magnetic Set Square 60° 50 cm
- 010920.000 Compass with suction cup

## Drawing Set I

Consists of ruler, protractor, set square 45°, set square 60° and compass. Packed in cardboard box.

015121.000

## Drawing Set II

Consists of ruler, protractor, set square 45°, set square 60°, compass, pointer (011210.000) and board (015020.000).

015120.000

## Drawing Set III

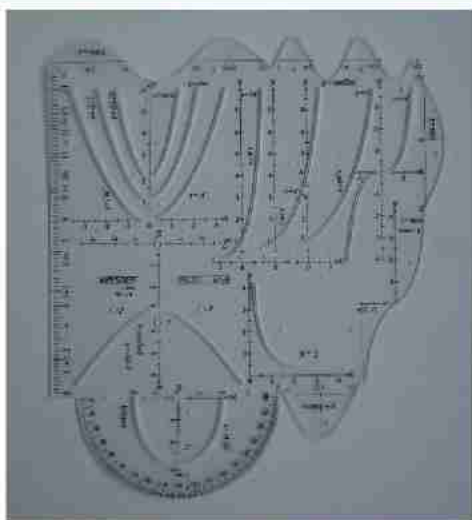
Consists of ruler, protractor, set square 45°, set square 60° and compass. Packed in plastic case with handle.

015125.000



015125.000





### Function's Template

180 x 210mm.

With this template you can draw every graph that you need in school.

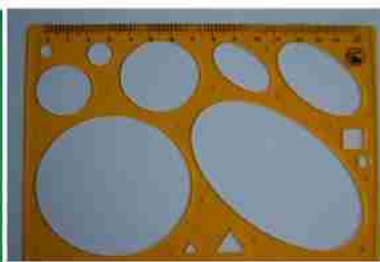
022005.000



### Wili - Ruler

With this special ruler pupils can solve every geometrical problem very easy.

021710.000



### Template

180 x 210 mm.

022015.000



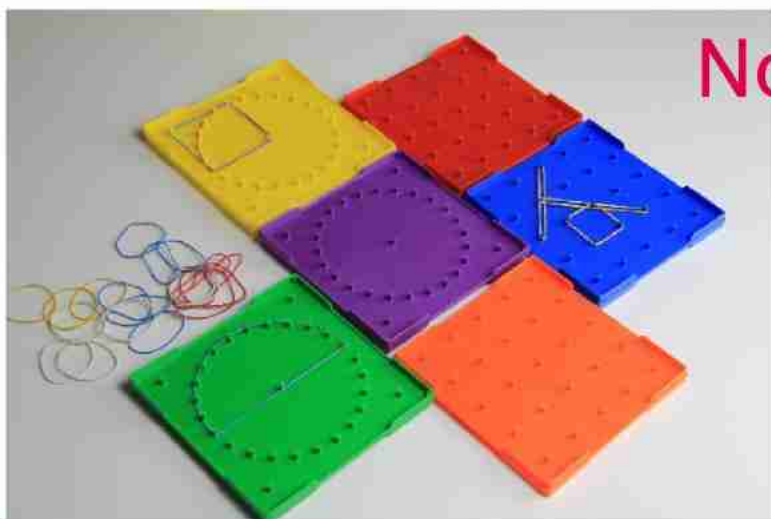
### Geo Ruler

Lenght 30cm.

A combination of a ruler and a geo set square.

041704.000

Other templates  
on request !



### Double Sided Geoboard

150 x 150mm. Stackable.

This set contains 6 geoboards

(081610.000) in 6 colours.

With examples and 6 sets of rubber bands. Packed in a cardboard box.

081622.000 14.87/17,70 €

## Novelties



### Big number Set

The numbers from 0 (2x) to 9 are 15 cm high, 2 mm thick and each number in red and in blue. 12 arithmetic signs and magnetic stripes that you can assemble on the backside of each number. Packed in a plastic case.

080010.000 38.87/46.26 €