

Movable Outdoor Play System



INVENTED BY



www.freecage.com

About us

About us

MSA SPORTS AND PLAYGROUNDS: We are established in 2008 in Skopje, N.Macedonia, as a sports field and children's playgrounds projecting and installing company.

We aimed to become an international company so we started our production line of indoor and outdoor children's playgrounds in Skopje in 2011. Besides providing high-quality products, our professional team also projects, installs, and provides a complete solution for park recreative centers and sports field constructions. Soon we will become the leader of the sector in our country with products which are well received by domestic and foreign customers.

Our products are widely used in public areas, family entertainment centers, adventure and sports play centers, shopping malls, hotels, residential areas, kindergartens, playgrounds, and restaurants.

In awareness of the fast-growing digital world, which has revealed an asocial generation, we aim to design and produce more innovative systems that would keep children more active and entertained. In this scope, we invented our unique "Free Cage" play system, which promotes more active and healthy generations. In 2018 we applied for our first patent.

Our first innovative play system called "Free Cage" consists of movable educational games that make it possible to move the playgrounds through your imaginations in outdoor public places.

The "Free Cage" play system gives children and adults; the freedom to play, and learn by moving objects freely within the outdoor playground. This unique play system improves children's physical and mental health and stimulates them cognitively.

In 2020, we enlarged Free Cage to the sports sector and we produced the first Free Sports Fence.

In 2022, we invented our unique Pencil Fence.

In January 2023 we established our first company abroad in Istanbul, Turkiye, and we started the production of PP Modular Sport Floorings.

Step by step and stable we go through our aims and dreams...

2023

WHAT IS FREE CAGE ?

FREE CAGE is a play system that makes possible to have movable playgrounds and games outdoor, mostly in public places.

You probably asked:

How its possible ?

- If the toys / playgrounds are movable, won't they be dislocated or stolen?

The answer of this questions is
"FREE CAGE"



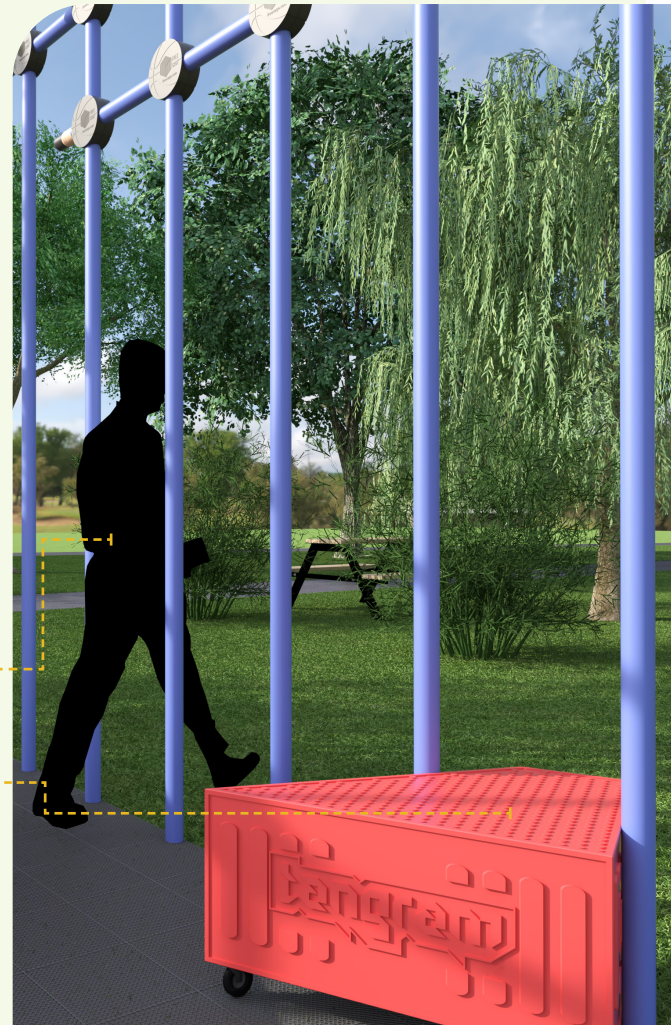
The movable toys, play elements, playgrounds are set in a cage which is free for people, the intervals of the cage are wide enough that people can enter in play the game and exit out.

But dhe movable toys, play elements or playgrounds are bigger and wider than the interval of the cage so that thay will stay inside the cage safely.

So who can recreate and have fun in the Free Cage playgrounds ?



Free Cage Play is for most ages, fun for All



Free Cage Benefits



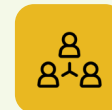
COGNITIVE DEVELOPMENT



GROSS MOTOR SKILLS



IMAGINATION AND CREATIVITY



TEAM WORK AND COOPERATION



IMPROVES SPATIAL AWARENESS



FOSTER CRITICAL THINKING



LONG LASTING ENTERTAINMENT



FAMILY BONDING



SOCIAL SKILLS



FINE MOTOR SKILLS



CONFIDENCE AND INDEPENDENCE



EXERCISE AND OUTDOOR PLAY



BOOSTS MOVEMENT AND MUSCLE DEVELOPMENT



IMPROVES ATTENTION AND CONCENTRATION



GAMES FOR ALL AGES

TANGRAM



Tangram - is an old Chinese geometrical operation puzzle. It uses four geometrical shapes (called tans) that can be arranged or assembled in different ways to form many shapes. This puzzle offers the challenge of creating a geometric shape(s) by arranging and utilizing only four pieces. It is a very interesting puzzle game in which the competitor is asked to replicate some shape within the given time frame. Playing with tangrams will help kids learn about geometric shapes. It consists of four polygons, called tans. Players combine the tans in various ways to form different figures — minimal designs that repeat patterns, using all four pieces. The Tangram puzzle can be used as an educational tool for children because it encourages creativity and spatial vision, and it's an endless entertainment source for adults. Having fun and strengthening your intellect are excellent reasons to play Tangram.

Tangram Benefits



TEACHES SPATIAL RELATIONSHIPS



LEARNING OF GEOMETRIC SHAPES



ENCOURAGE KIDS TO DISCOVER THINGS ON THEIR OWN



BOOSTS CRITICAL THINKING AND PERCEPTUAL REASONING



BUILDS VISUAL MEMORY AND PERCEPTION



GAME FOR MOST AGES



ENABLE CHILDREN TO MAKE PREDICTION



ENCOURAGE KIDS TO IMAGINE THEIR OWN DESIGNS



BUILDS FINE MOTOR SKILLS



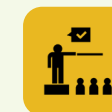
BUILDS TEAMWORK AND TEACHES COOPERATION



CHANGES THE PERCEPTION THAT MATH IS BORING



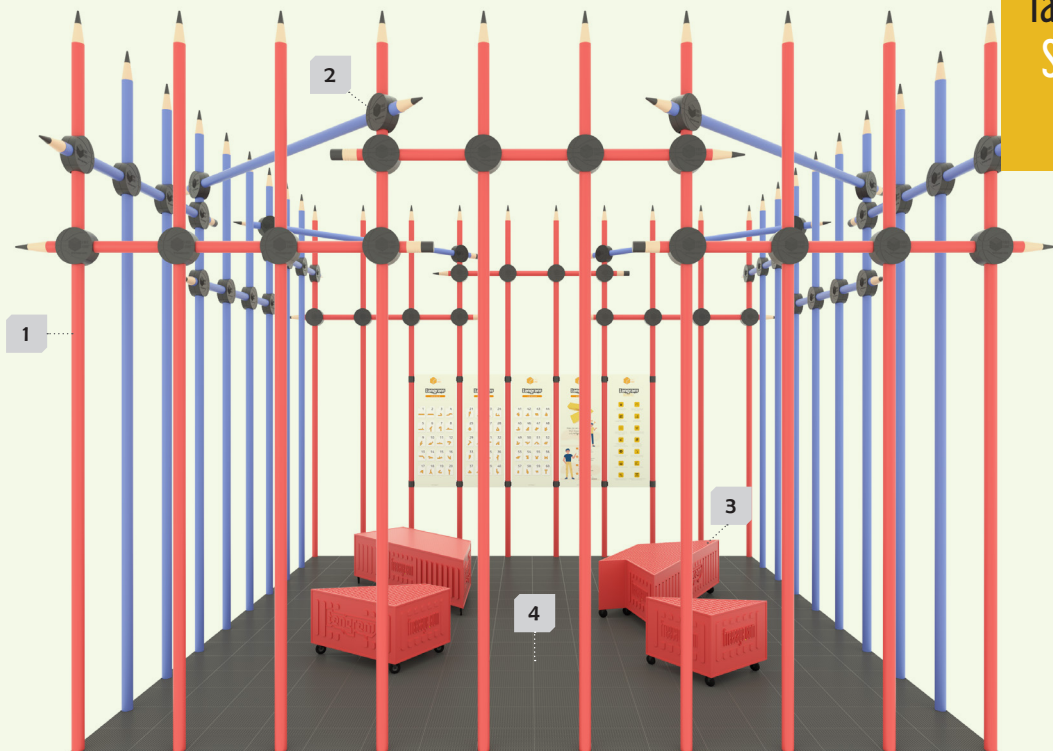
IMPROVES ATTENTION AND CONCENTRATION



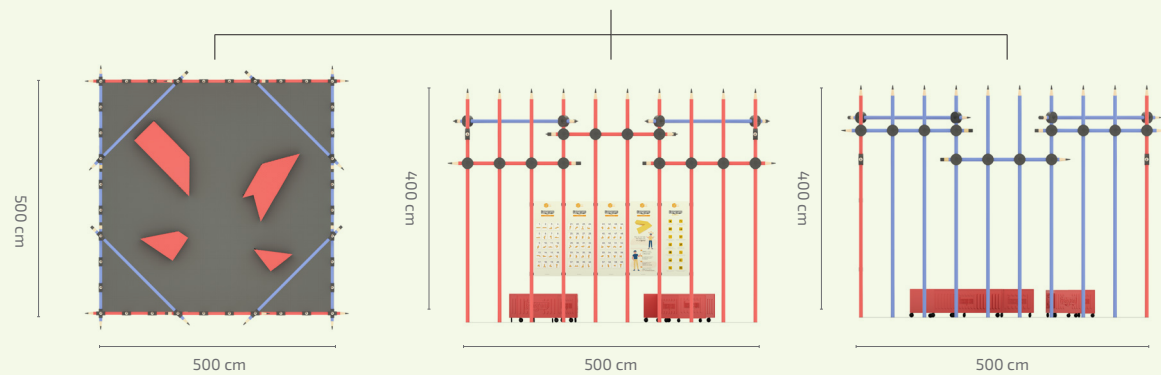
ENHANCE DISCIPLINE



INCREASES COMMUNICATION SKILLS IN CHILDREN



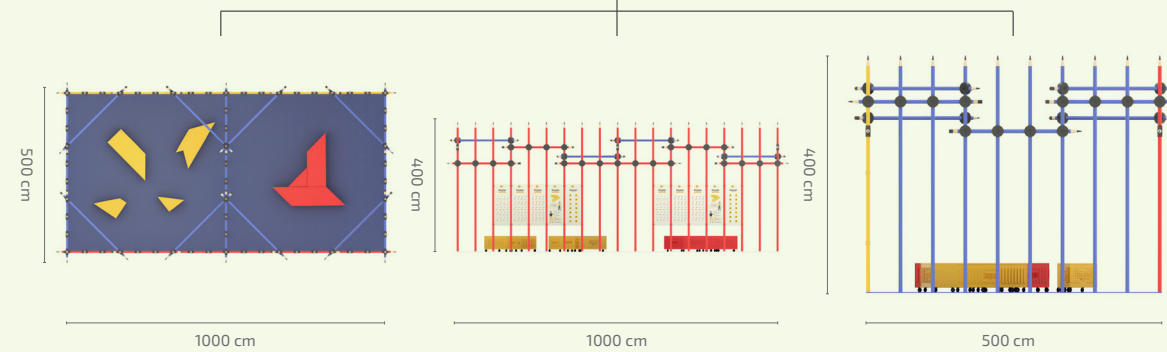
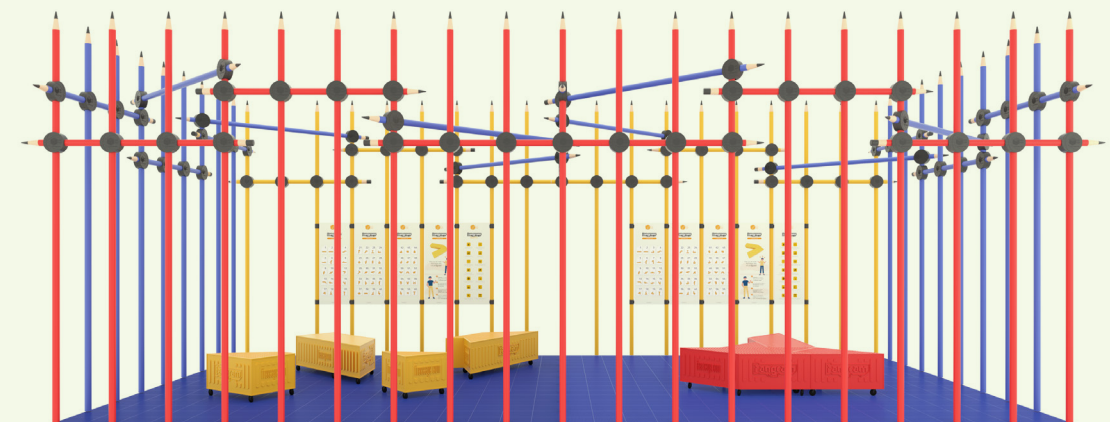
Tangram
Single



PRODUCT INFORMATION

- | | | | |
|---|---|---|------------------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements |
| 2 | Poliamide durable plastic fitting | 4 | Optional |

Tangram
Double

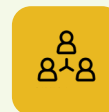


BRICKS & PUZZLES



BRICKS & PUZZLE GAME - is a type of building toy. Bricks & Puzzles are colorful plastic pieces that can be joined together to build a tower, house and more. In Bricks & Puzzles the player is expected to put pieces together in a logical way, in order to arrive at the correct or fun solution. It's an open ended game.

Bricks & Puzzles Benefits



TEAMWORK AND
SOCIAL SKILLS.



PROBLEM SOLVING,
MATHEMATIC AND
SPATIAL AWARENESS.



PHYSICAL DEVELOPMENT



SELF-CONFIDENCE



PATIENCE



COMMUNICATION AND
LANGUAGE SKILLS.



CREATIVITY AND
EXPERIMENTATION



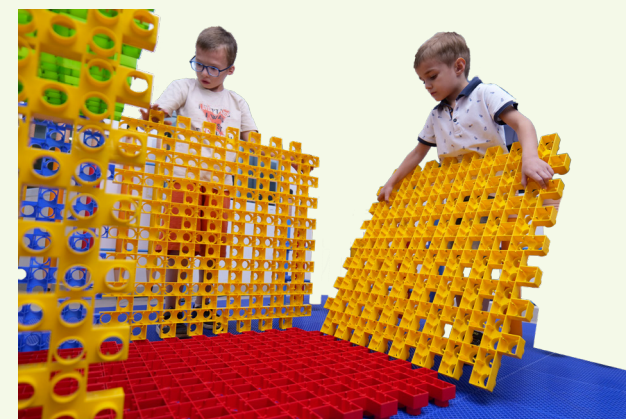
PERSEVERANCE AND
MANAGEMENT OR
FRUSTRATIONS



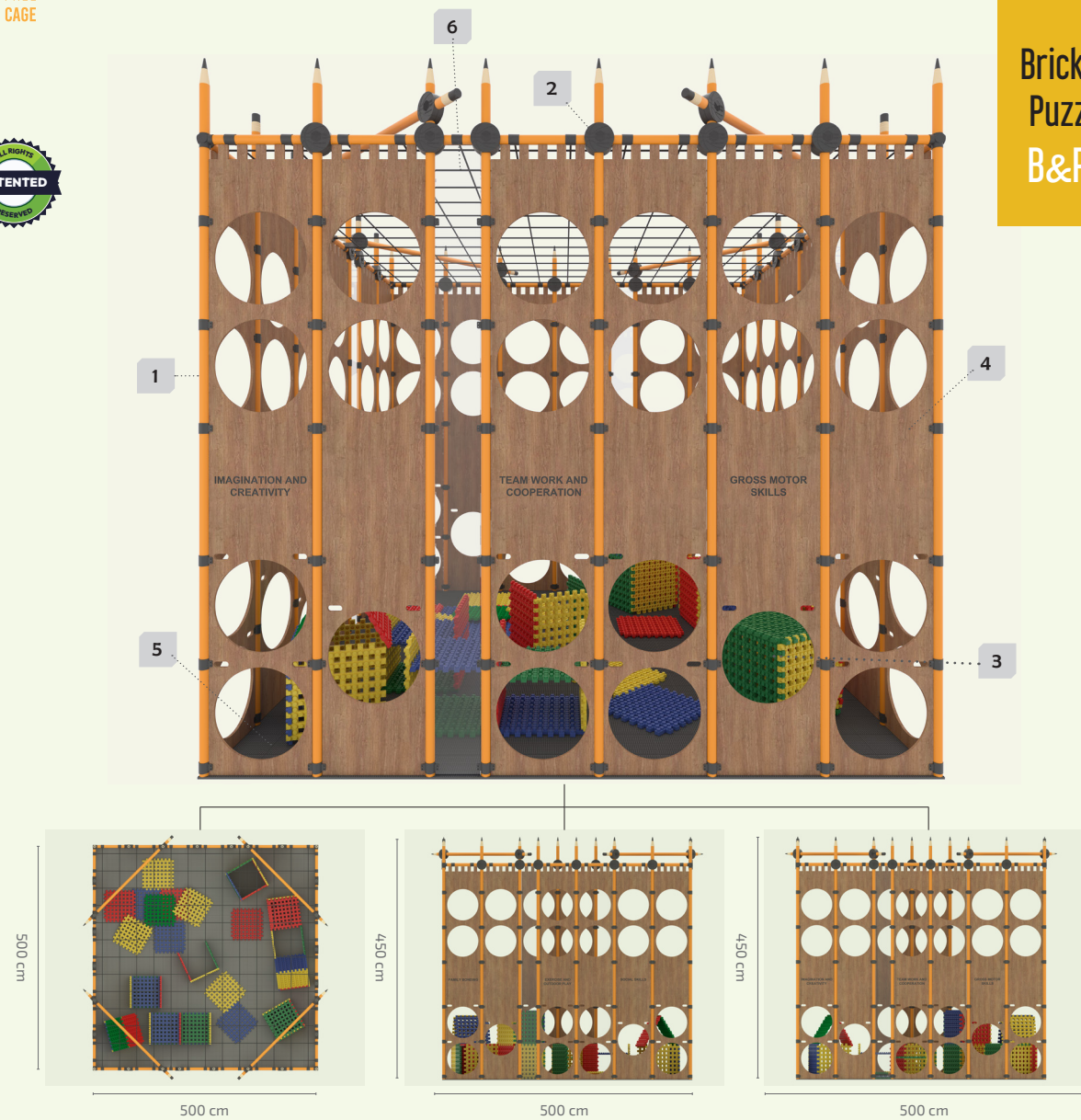
LOWERING ANXIETY
AND STRESS



FOCUS AND
CONCENTRATION



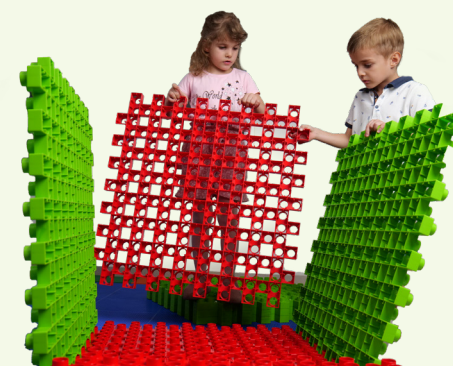
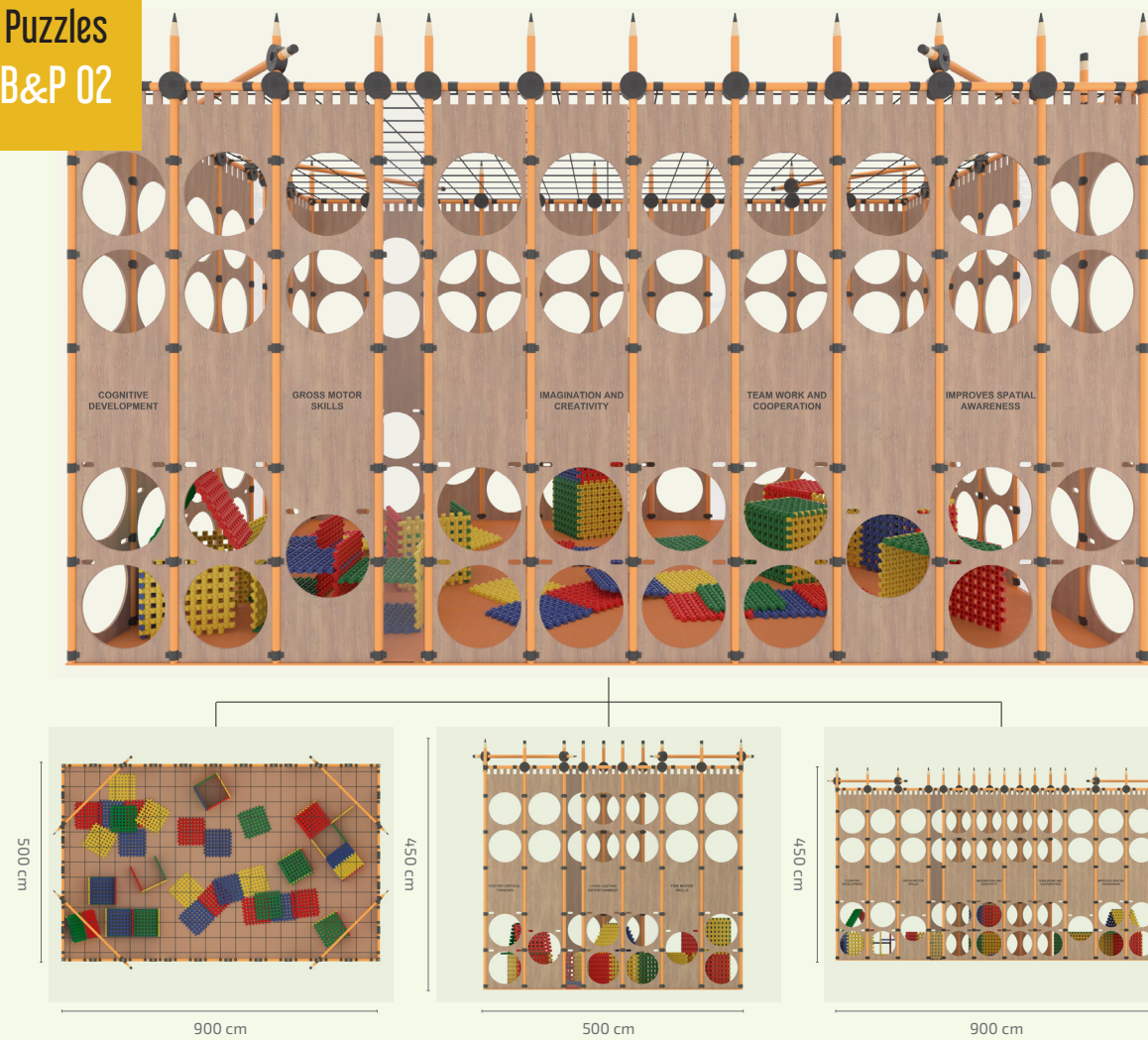
Bricks & Puzzles B&P 01



PRODUCT INFORMATION

- | | | | | | |
|---|---|---|------------------------------------|---|----------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements | 5 | Optional |
| 2 | Poliamide durable plastic fitting | 4 | Compact | 6 | PE fiber coated steel rope |

Bricks & Puzzles B&P 02



THREE MEN'S MORRIS



THREE MEN'S MORRIS - Is an abstract strategy game played on a three by three board (counting lines). Each player has three pieces, a player wins by forming a mill, that is, three of their own pieces in a row.

Three Men's Morris Benefits



FOSTERS CREATIVITY AND
CRITICAL THINKING



VISUAL SPATIAL SKILLS



DEVELOPS PATIENCE



REDUCES SOCIAL
ANXIETY



ENCOURAGE KIDS TO
IMAGINE THEIR OWN
DESIGNS



ENHANCE ATTENTION
AND CONCENTRATION



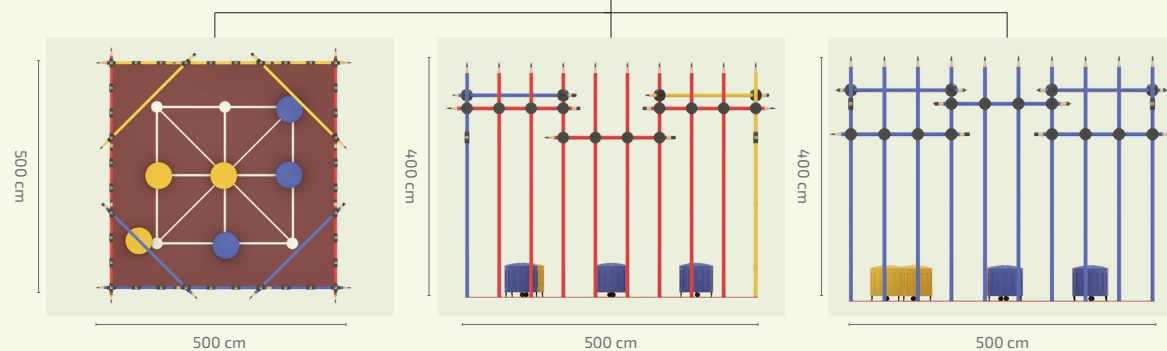
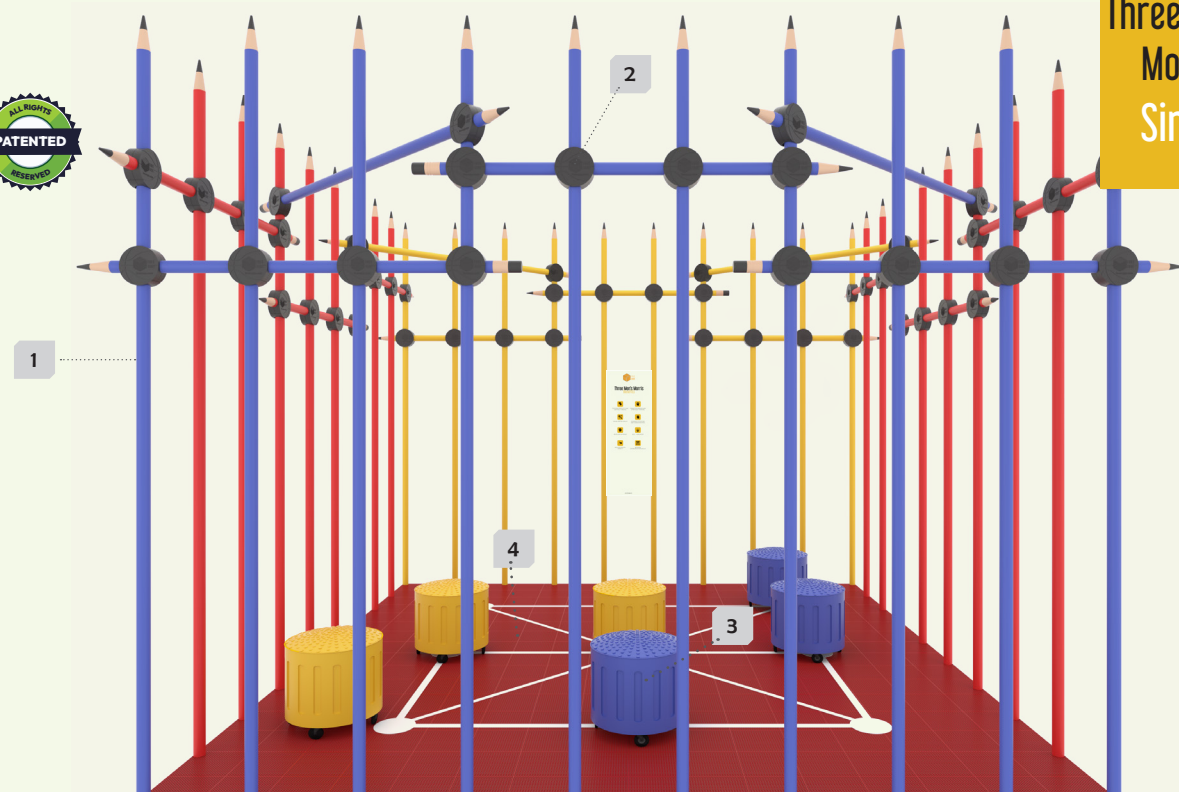
SELF - DISCOVERY



INCREASE
COMMUNICATION SKILLS



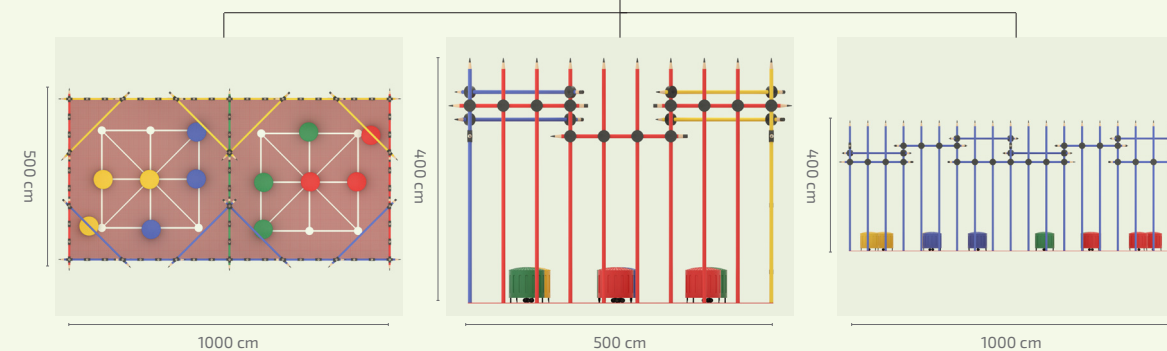
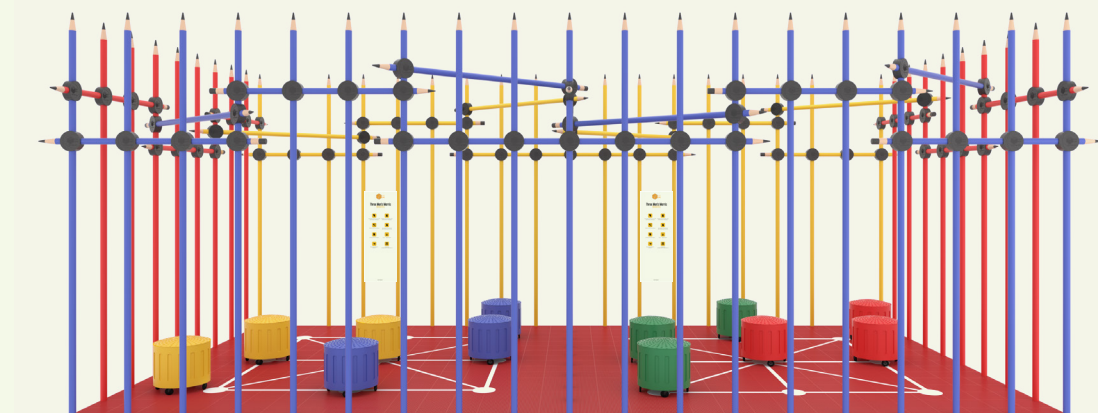
Three Men's Morris Single



PRODUCT INFORMATION

- | | | | |
|---|---|---|------------------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements |
| 2 | Poliamide durable plastic fitting | 4 | Optional |

Three Men's Morris Double

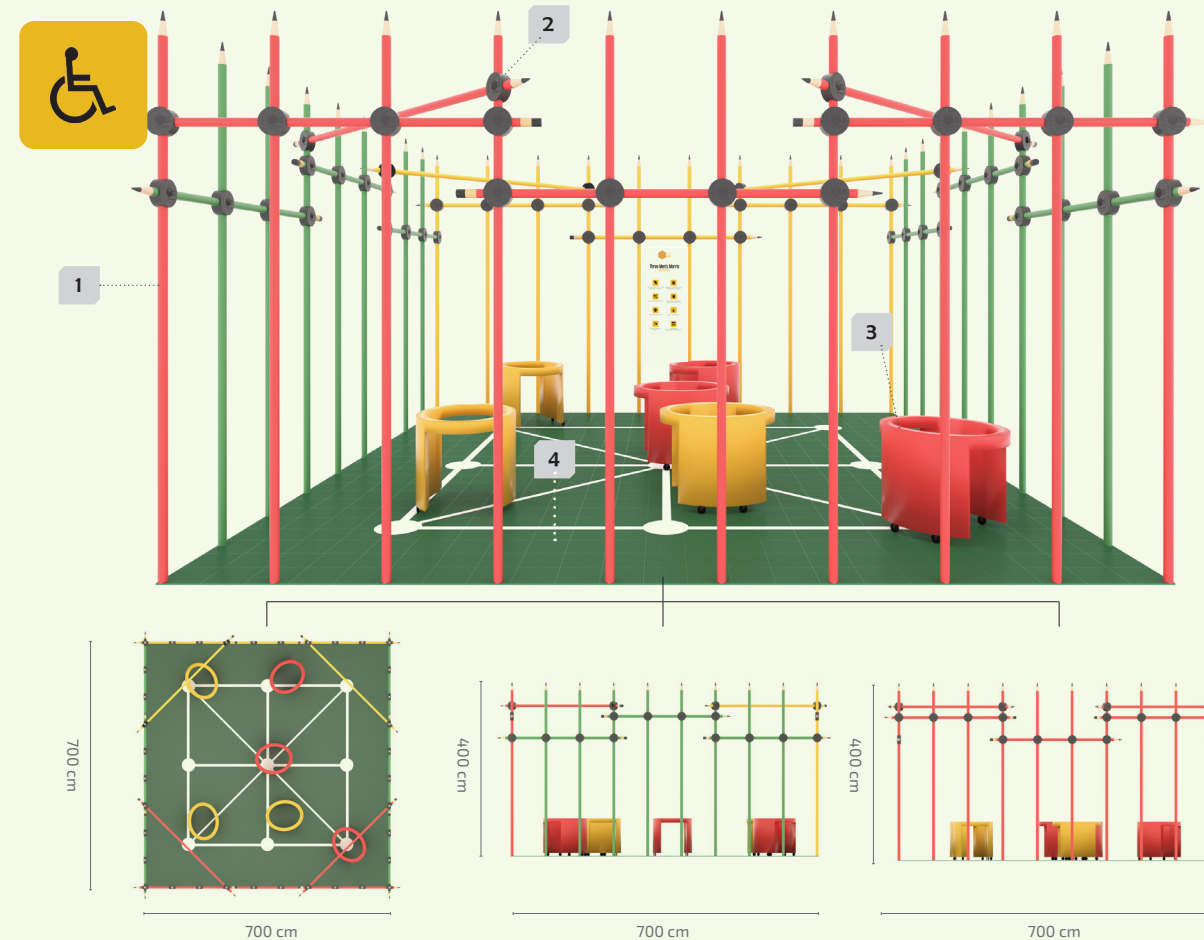


THREE MEN'S MORRIS INCLUSIVE



THREE MEN'S MORRIS - : Is an abstract strategy game played on a three by three board (counting lines). Each player has three pieces, a player wins by forming a mill, that is, three of their own pieces in a row.

Three Men's Morris Inclusive Single



PRODUCT INFORMATION

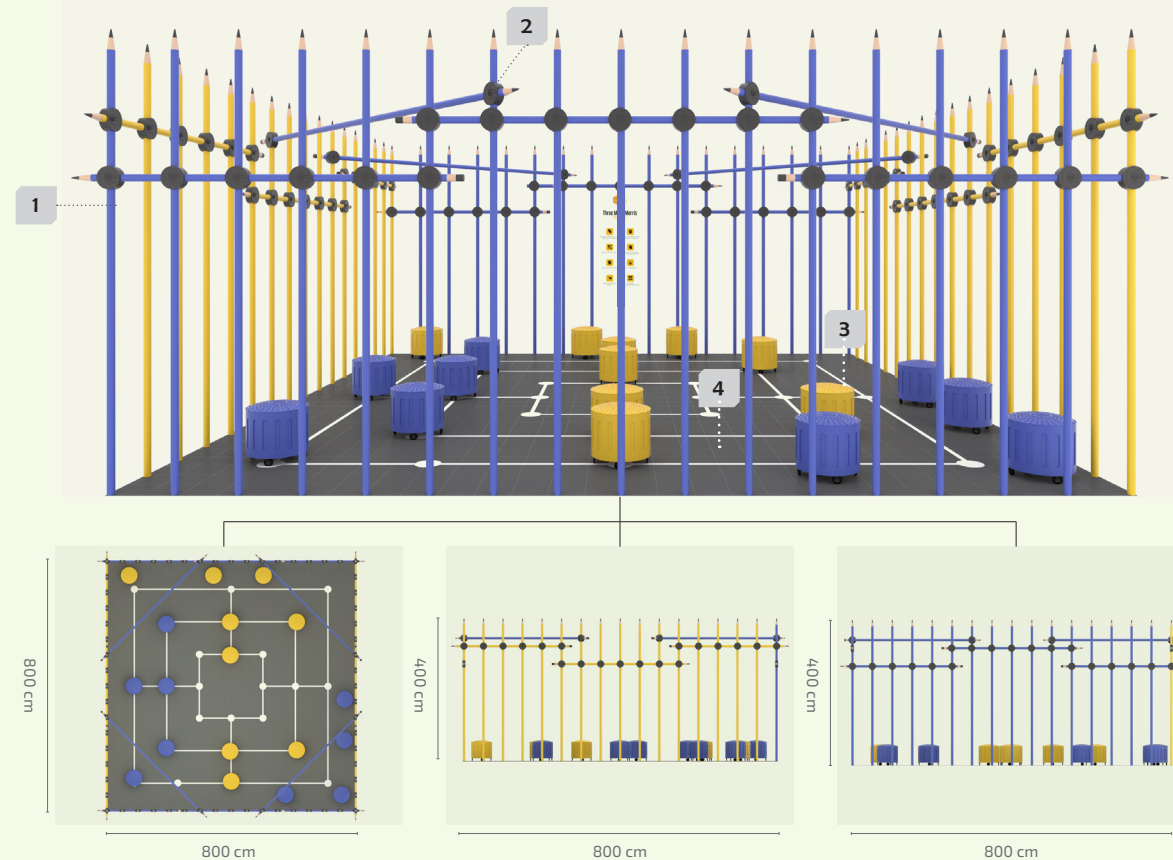
- | | | | |
|---|---|---|------------------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements |
| 2 | Poliamide durable plastic fitting | 4 | Optional |

9 MEN'S MORRIS



NINE MEN'S MORRIS GAME - Is the original three in a row game. The object is to try to form "mills" by making a line of three of your men, horizontally or vertically. Two players, each provided with nine counters of a single color, lay pieces alternately upon the points, the object being to get three in a row (a mill) upon any line. On doing so, the player is entitled to remove from the area one adverse counter, but not one that is in a mill. Having placed all the counters, the player continues moving alternately with the same object. The player who captures all but two of the adverse pieces wins.

9 MEN'S MORRIS Single



PRODUCT INFORMATION

- | | | | |
|---|---|---|------------------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements |
| 2 | Poliamide durable plastic fitting | 4 | Optional |

TIC TAC TOE



TIC-TAC-TOE-GAME noughts and crosses or Xs and Os is a game for two players who take turn making the spaces in a three by three grid with X or O. The player who succeeds in placing three of their marks in a horizontal, vertical or diagonal row is the winner.

Tic Tac Toe Benefits



DEVELOP
PROBLEM-SOLVING
SKILLS.



TEACH STRATEGIC
SKILLS



SETS THE FOUNDATION
FOR LEARNING MORE
COMPLEX GAME



IMPROVE
CONCENTRATION

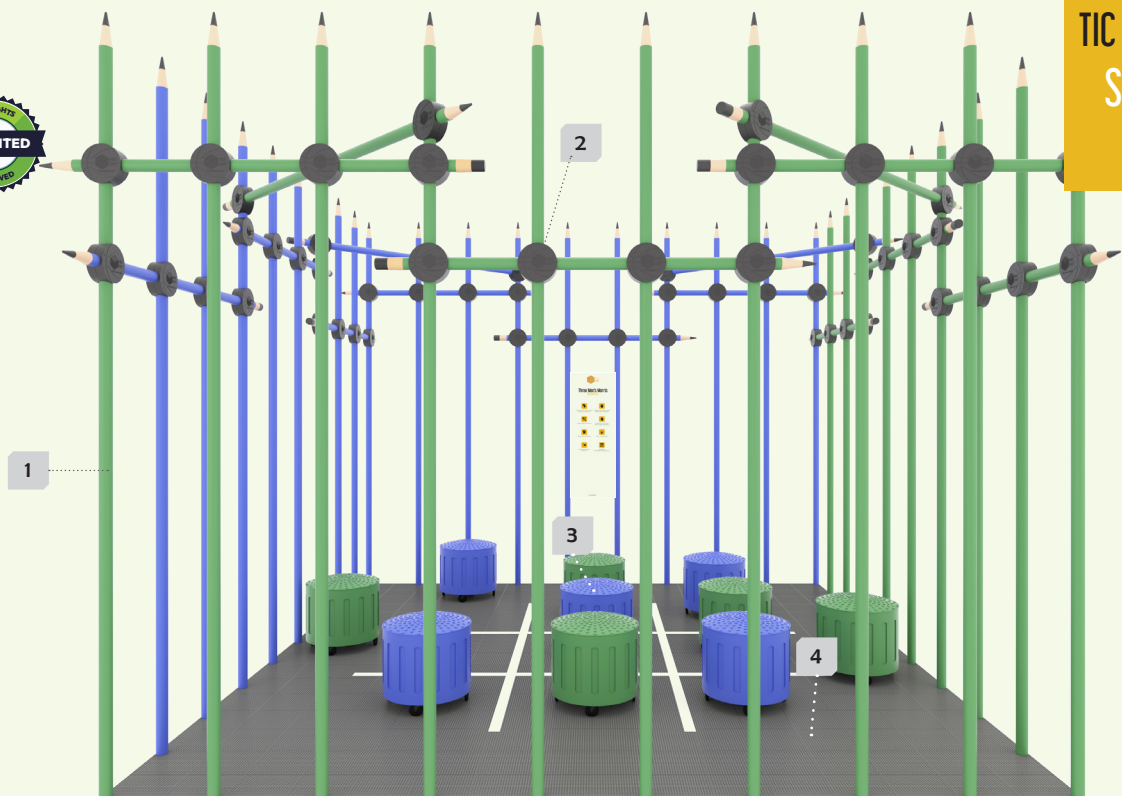


DEVELOPS LOGICAL
THINKING

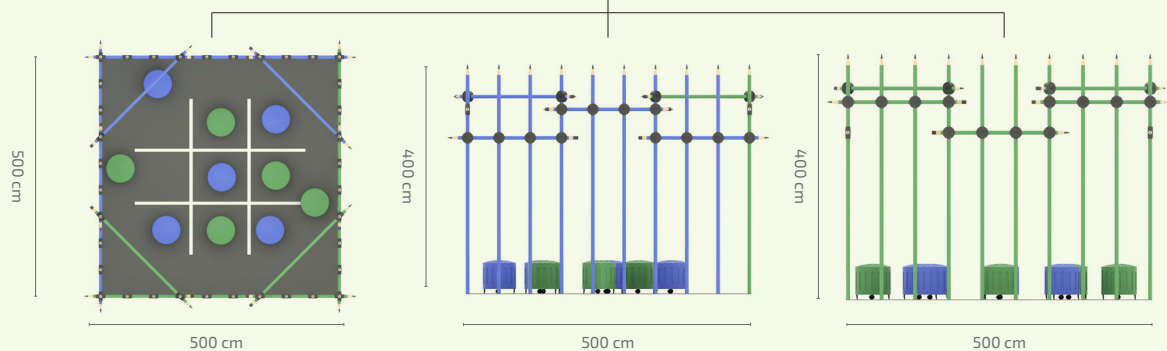


PROVIDES A SIMPLE AND
FUN WAY FOR THE FAMILY
TO BOND





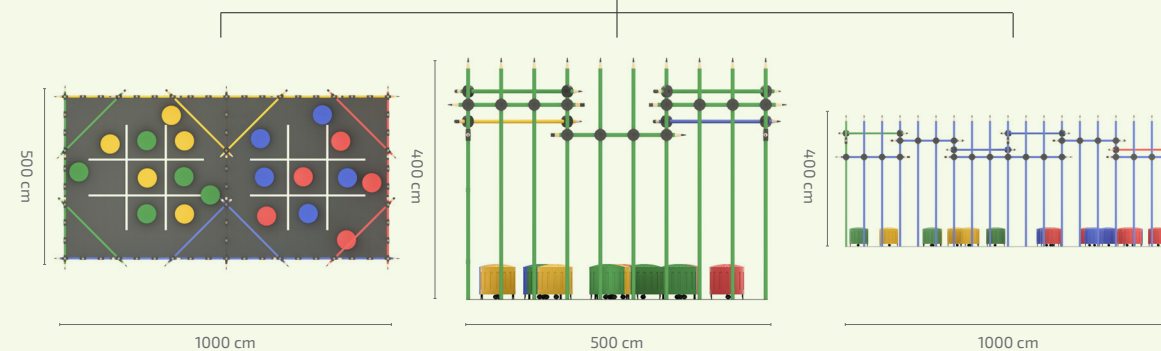
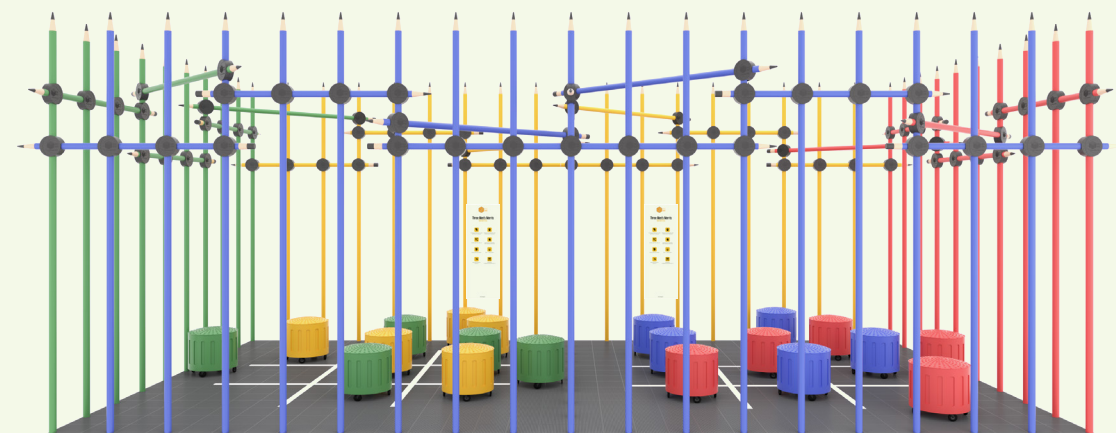
TIC TAC TOE
Single



PRODUCT INFORMATION

- | | | | |
|---|---|---|------------------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements |
| 2 | Poliamide durable plastic fitting | 4 | Optional |

TIC TAC TOE
Double



LUDO



LUDO GAME - is a strategy board game for two to four players in which the players race their four tokens from start to finish according to the rolls of a single die. Ludo consists of a square board with four different colored space outside of each base is the start position. A path lead clockwise around the board returning to a path with the same color as the base, then to the home column, which leads to the center home triangle. When a player's piece has reached the home column of its own color, the piece continues its moves toward the center to its home. The first player to have all four of his pieces finish their journeys wins. The remaining players continue the game to determine the runner-ups.

Ludo Benefits



INCREASE THINKING ABILITY



COMMUNICATION AND LEARNING SKILLS



IMPROVE CONCENTRATION



PROBLEM SOLVING

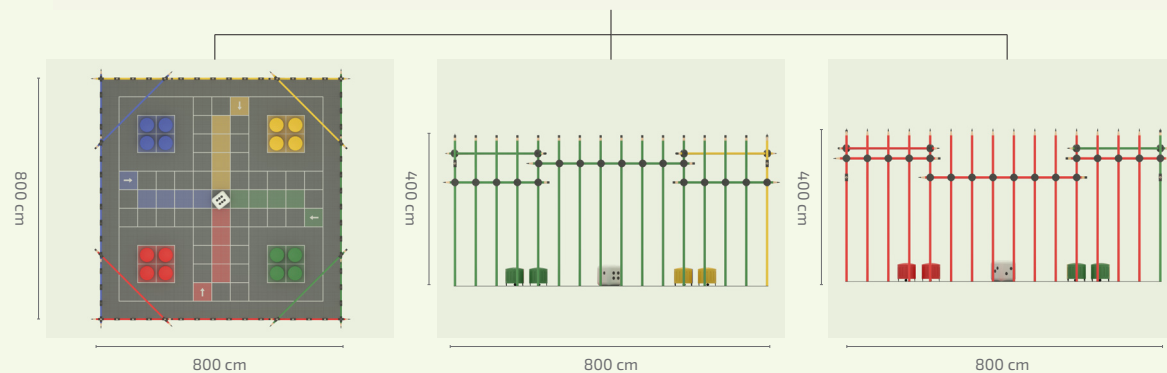
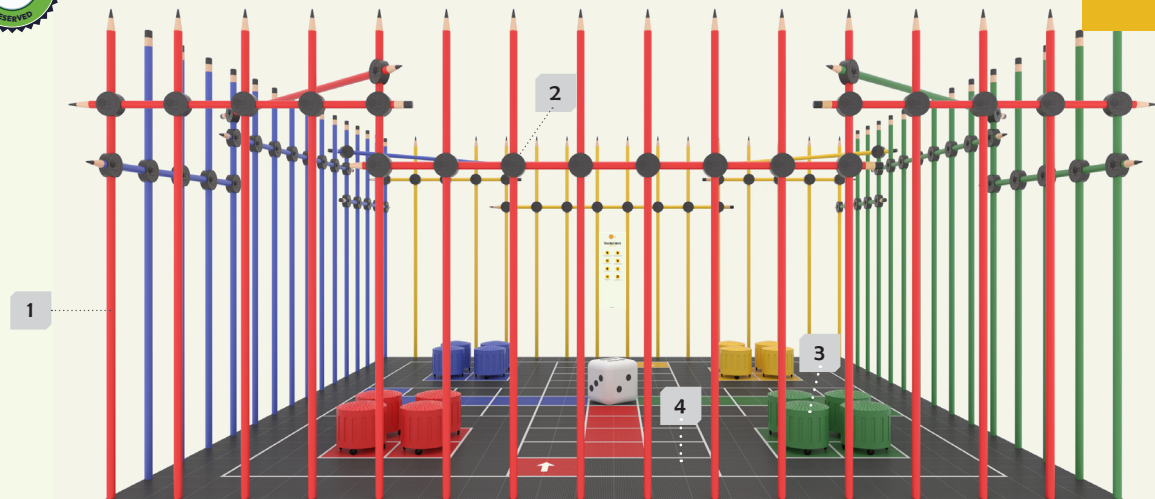


TEAMWORK AND SOCIAL SKILLS



DEALING WITH THE MENTALITY OF LOSING AND WINNING

Ludo
Single



PRODUCT INFORMATION

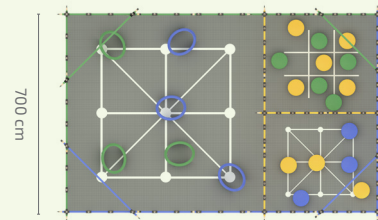
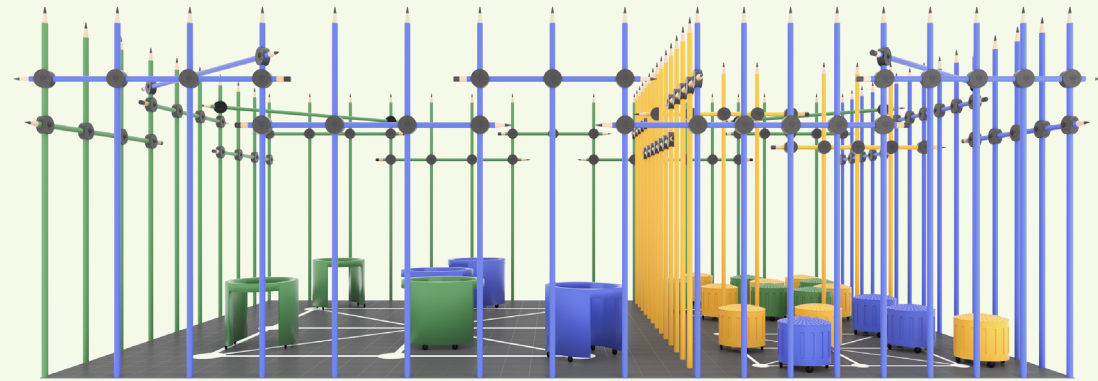
- | | | | |
|---|---|---|------------------------------------|
| 1 | Poliethylene plastic coated metal pipe. | 3 | Poliethylene plastic play elements |
| 2 | Poliamide durable plastic fitting | 4 | Optional |

Free Cage COMBINATIONS

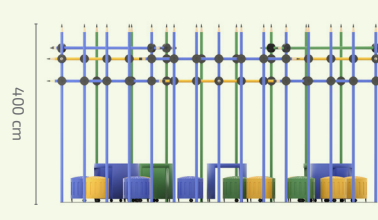
“Unlock Your Imagination: Free Cage Games, Customized for You!” →



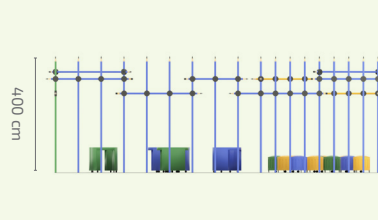
THREE MEN'S MORRIS INCLUSIVE + THREE MEN'S MORRIS + TIC TAC TOE



1100 cm



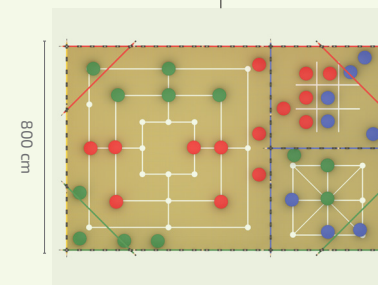
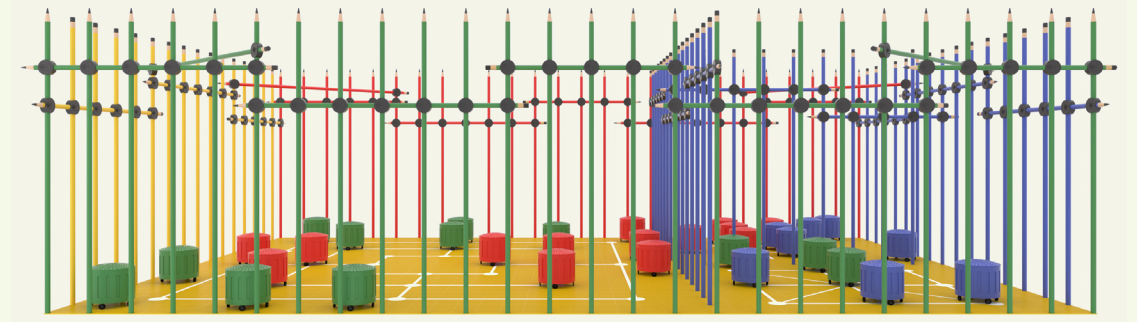
700 cm



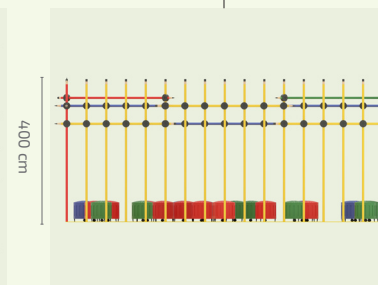
1100 cm



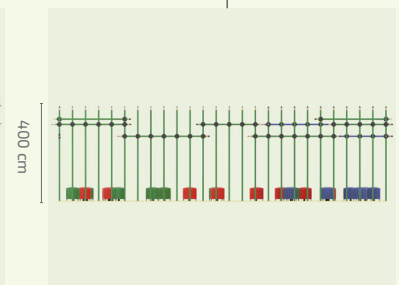
9 MEN'S MORRIS + THREE MEN'S MORRIS + TIC TAC TOE



1250 cm



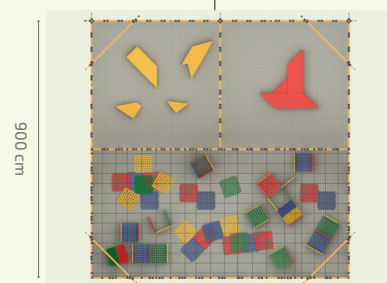
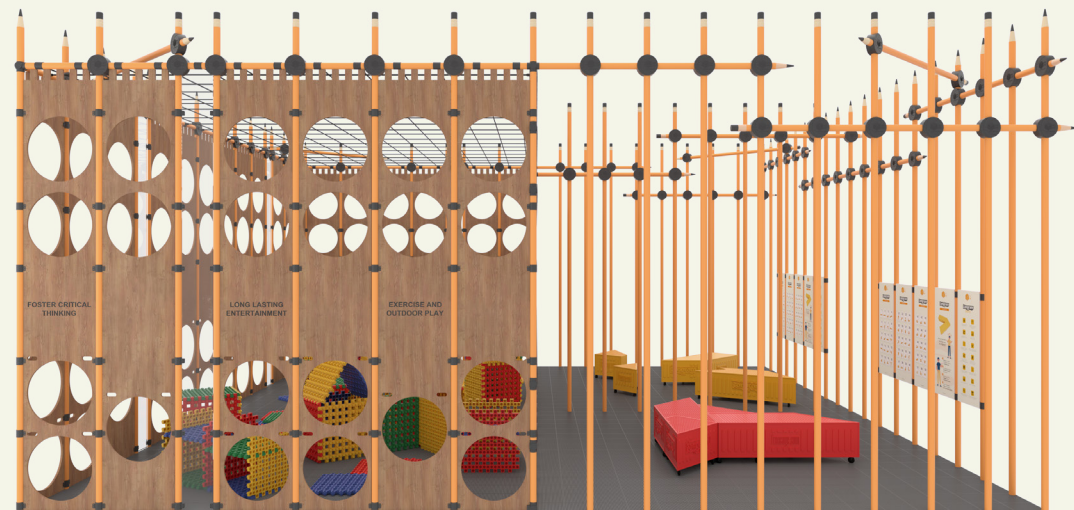
800 cm



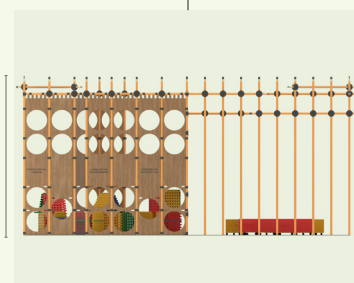
1250 cm



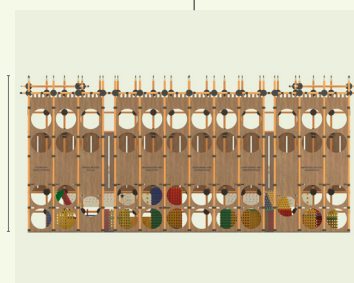
BRICKS AND PUZZLES + TANGRAM DOUBLE



900 cm



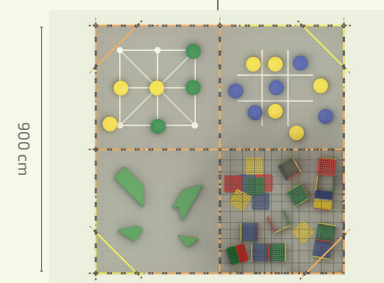
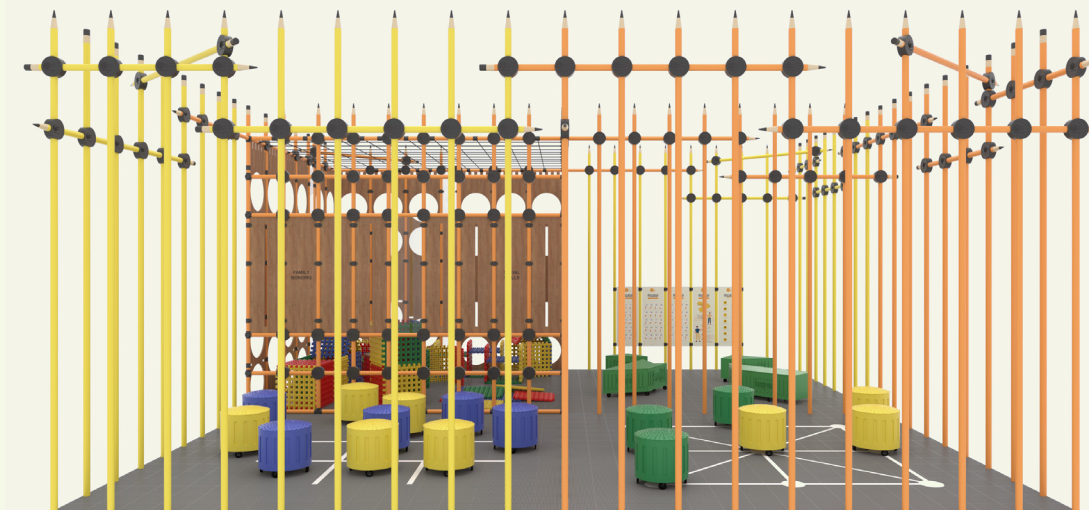
900 cm



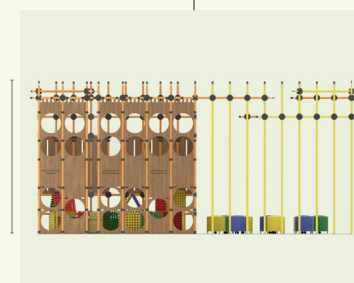
900 cm



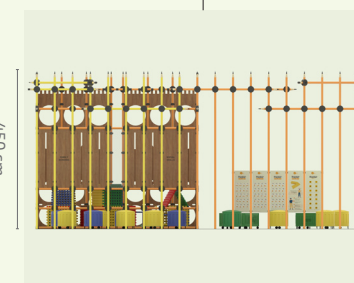
BRICKS AND PUZZLES + TANGRAM + TIC TAC TOE + THREE MEN'S MORRIS



900 cm



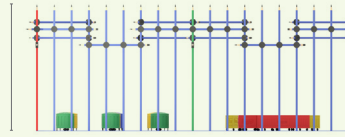
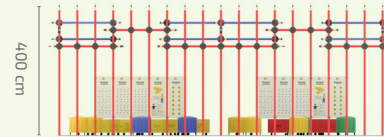
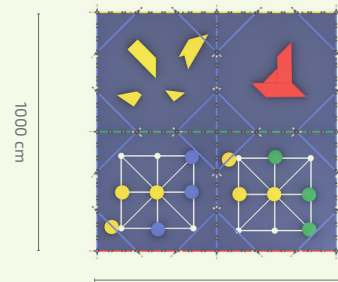
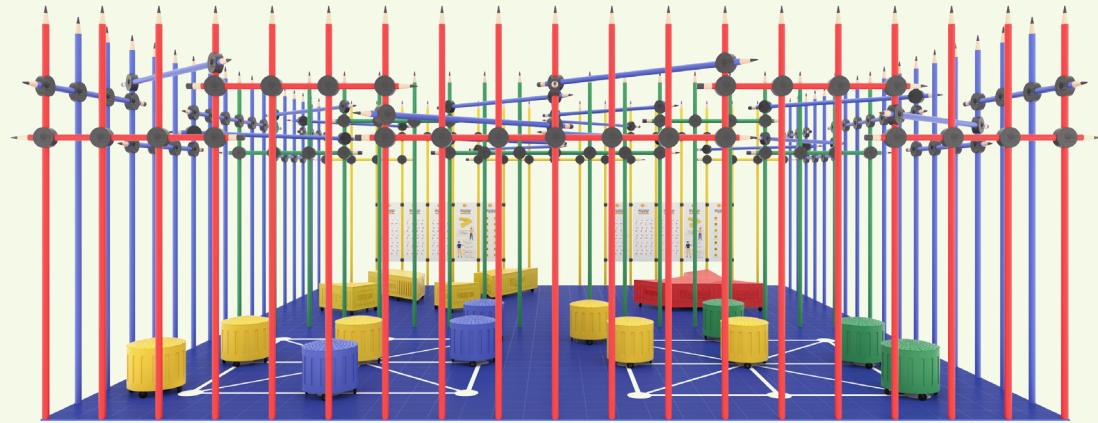
900 cm



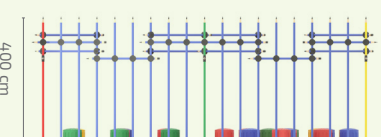
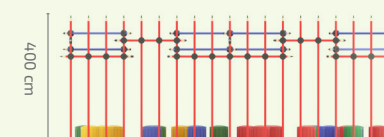
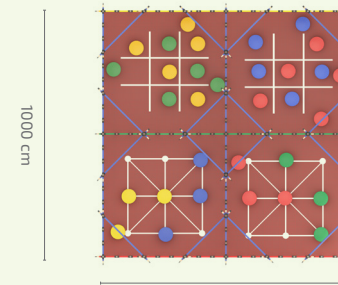
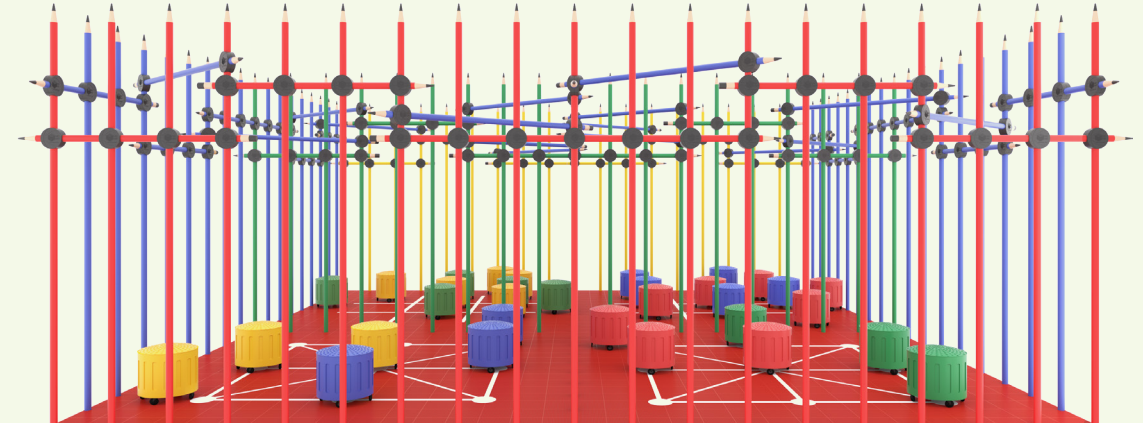
900 cm



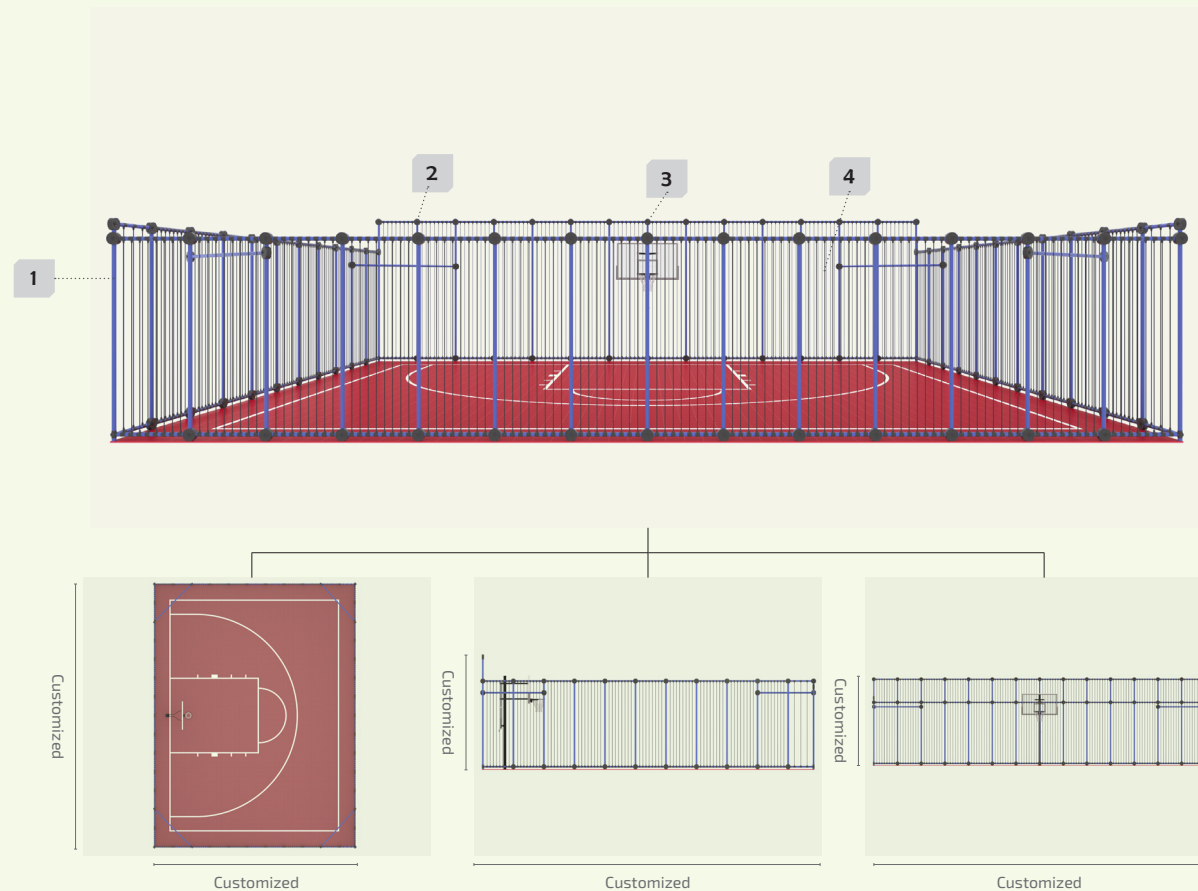
TANGRAM DOUBLE + THREE MEN'S MORRIS DOUBLE



THREE MEN'S MORRIS DOUBLE + TIC TAC TOE DOUBLE



FREE CAGE SPORT FENCE



PRODUCT INFORMATION

- | | |
|---|----------------------------------|
| 1 Polyethylene coated metal pipe | 3 Amortizer system |
| 2 Rigid plastic fitting | 4 Fiber coated steel rope |

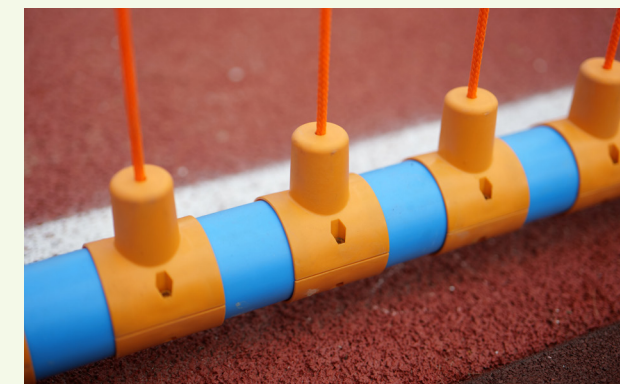
The “Free Cage Sport Fence” is a modern, durable sports cage for public areas and private project. Transparent, low noise sports cage which can be customized to fit into every environment.

Free Cage Sport Fence is designed using polyethylene coated metal pipes, fittings made of rigid and durable plastic, vertical steel rope coated with PE fiber, all with customised color, shape and size. Each vertical cable has an amortizer system on the top and the bottom.

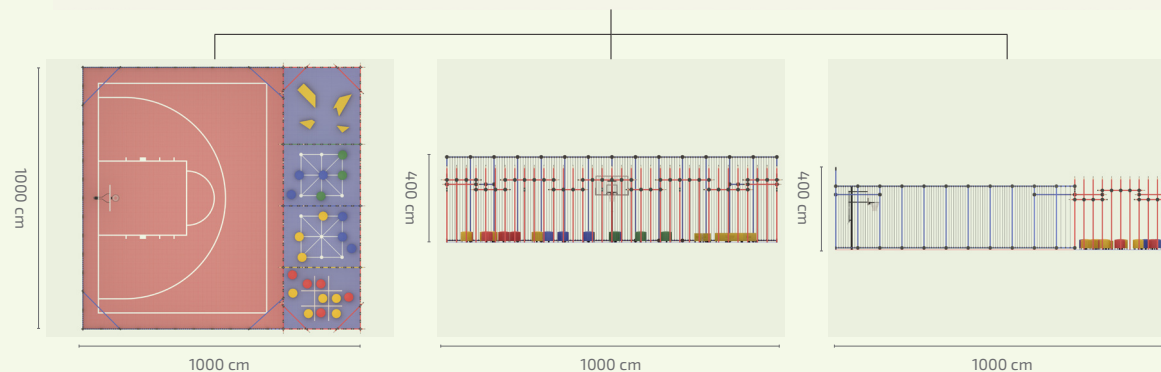
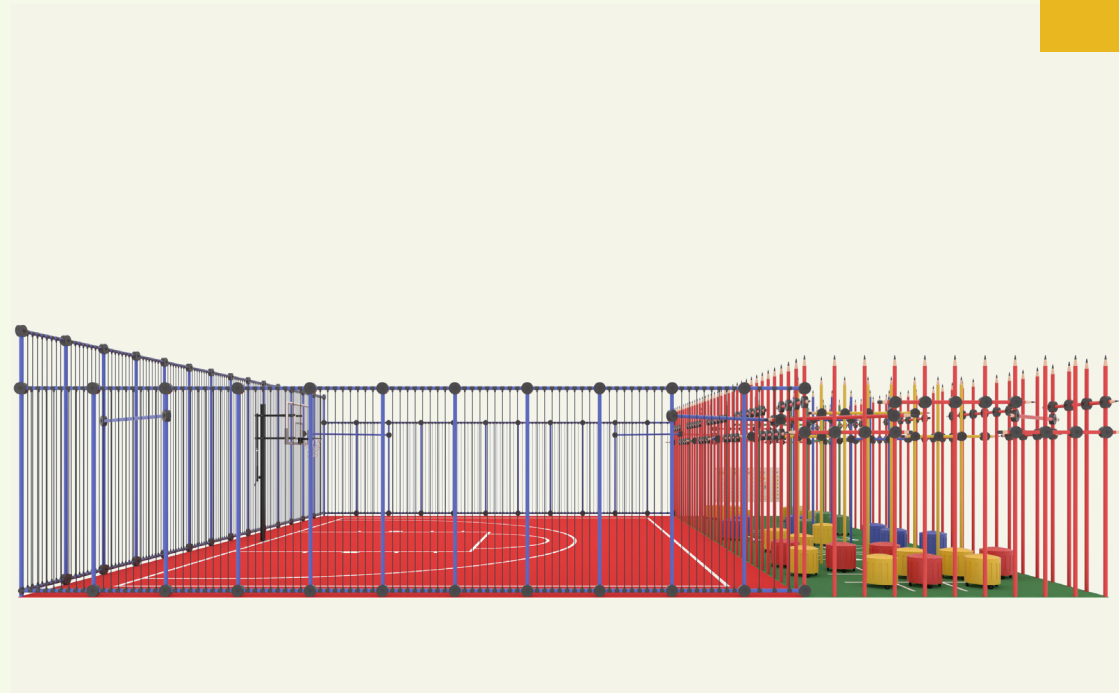
Free Cage Sport Fence is quiet by vibration of the vertical cables that reduces the noise. Each cable in our sport cage is handmade and high quality, in the event that the cable breaks it can easily be replaced on site without having to dismantle the structure.

It's durable and safe, because every metal part is plastic coated, steel ropes are PE fiber coated, and also because of cable thinness and vertical placement that doesn't allow childrens to climb.

Free Cage Sport Fence is „free” so that people can enlarge the cables and enter or exit the cage thanks to the amortizer system, but the ball can not exit the cage by shooting during the game.



Combined
Sports
01



UNIQUE PENCIL FENCE →

PENCIL FENCE

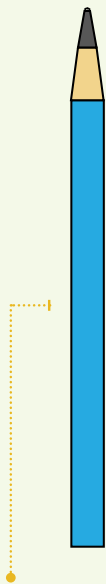
The pencil fence is made of unique design and material combination. All metal parts of the fence are coated with polyethylene plastic.

The fittings are made of a rigid and durable plastic, the lead and the eraser of pencil parts are made of a soft material that ensure protection from possible injuries.



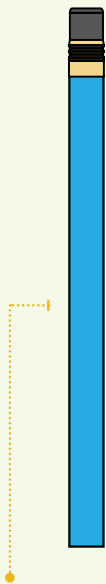
The unique pencil fence is intended to be used in:

- kindergartens
- school
- outdoor and indoor children's playgrounds
- hospitals
- airports
- shopping malls
- amusement parks
- educational institutions
- hotels



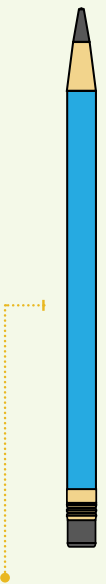
Variant - 1

CONTAINS:
SOFT TPU PENCIL LEAD
PLASTIC PENCIL WOOD PART
POLYETHYLENE BODY



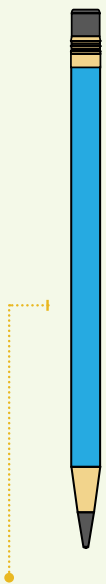
Variant - 2

CONTAINS:
SOFT TPU PENCIL LEAD
PLASTIC PENCIL WOOD PART
POLYETHYLENE BODY



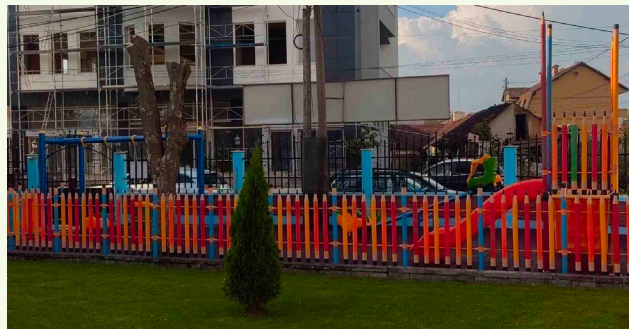
Variant - 3

CONTAINS:
SOFT TPU PENCIL LEAD
PLASTIC PENCIL WOOD PART
POLYETHYLENE BODY
PLASTIC FERRULE
SOFT TPU ERASER



Variant - 4

CONTAINS:
SOFT TPU ERASER
PLASTIC FERRULE
POLYETHYLENE BODY
PLASTIC PENCIL WOOD PART
SOFT TPU PENCIL LEAD



SPORTS AND FREE CAGE PLAY SYSTEMS FLOORING

PP MODULAR FLOORING

Modular multipurpose Sports Floors are manufactured by Msa Spor ve Kent Ekipmanlari in Turkiye. The modular sports floor are single and double layer PP plastics wich are for outdoor use and suitable for all sports as basketball, foodball,handball, volleyball, multipurpose courts, free cage play systems etc. The modular PP multipurpose floor has finish ramps optional.

Sports Advantages

- Suitable for all sports, including free cage play systems.
- Matte finish with no gloss, eliminates light reflections;
- High levels of adhesion, thanks to the microtexture specially deleveloped in the tile surface.
- The only sports floor that provides vertical and lateral shock absorption.
- Antibacterial sports floor not susceptible to bacteria and fungi-higienic and easy to clean.

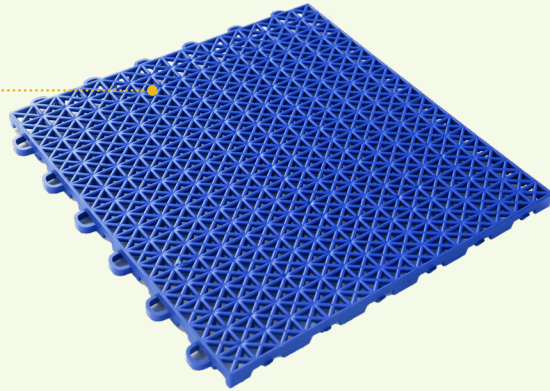
Functional Advantages

- No maintenance costs
- 10 years of warranty provided directly by MSA Sports and Playgrounds.
- Wide range of colors available to customize your sports floor.
- Easy and quick repair. With this solution it will not be necessary to perform long and expensive repairs.
- Easy and quick assembly/disassembly without the use of glues in the base.
- Easy to transport.
- Applicable on any rigid and at surface.
- Possible to install over other existing foors.
- Quick water drainage thanks to Modular Sports Floors tile surface.
- Modular Sports Floors tile surface was developed with small holes to prevent kids fingersand small rocks to get stuck on them.



MSA Multiplay

- Reinforced single layer module
- Dimensions: 250x250x11 mm
- 6 male, 6 female insertion points
- Low levels of abrasion on the event of accidental fall
- Customized, various colors
- Multipurpose

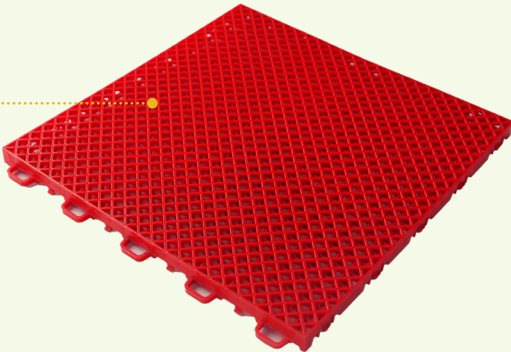


Ramp optional

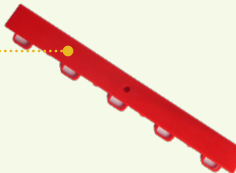


MSA Double Layer

- Double layer module
- Dimensions: 300x300x15 mm
- 5 male, 5 female insertion points
- Low levels of abrasion on the event of accidental fall
- Customized, various colors
- Multipurpose



Ramp optional



CERTIFICATES



THANK YOU

CONTACTS

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