

ELEMENTARY SCHOOL



COMPLETELY HAPPY THE WHOLE DAY

In the early morning, sleepy children arrive at school and gradually wake up while learning, let off steam in the studio or while dancing, and make their way home in the late afternoon.

Children spend many hours a day at school – and ultimately a large part of their childhood. Schools are therefore more than just educational institutions: It becomes a living space for young students. In addition to lessons, a wide range of childcare services support children in their social and emotional development. They can also receive better individual support if needed. In this way, the school gives them better educational opportunities.

Versatile premises are needed in order to meet the different needs of the children - from inquisitive learning to lunch together. How do we design a school that children enjoy coming to in the morning and feel comfortable at during the day? And which offers teachers the courage and opportunities for concentrated retreat and lively exchange?

Let's discover this together.

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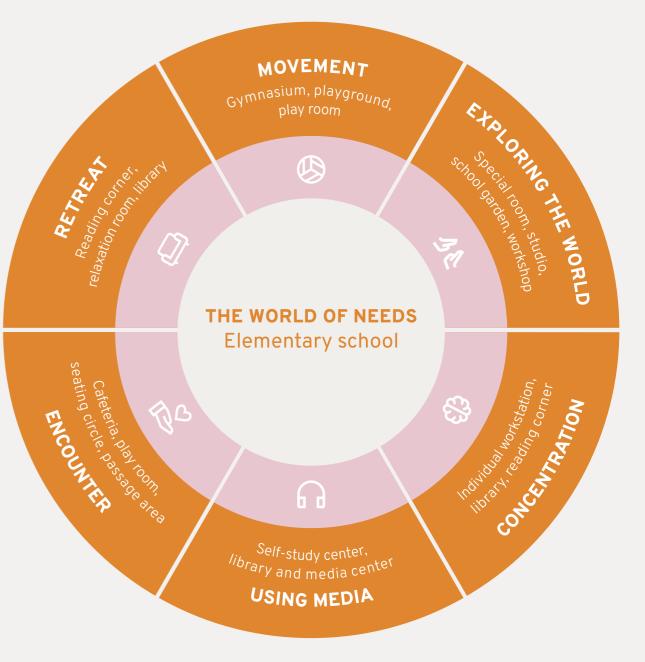
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INTRODUCTION A LOT OF VERSATILE NEEDS

Children's life themes and needs are the key to a feel-good place. They determine which rooms an educational institution needs. So what does a child's world of needs look like?

Children of elementary school age collect a lot of new experiences – and preferably on their own. Not only do they explore their surroundings with their peers, they also socialize with them. A strong urge to move keeps them on their feet as they playfully discover the possibilities and limits of their bodies.

Driven by questions that they investigate, they explore the world in a sensual way or withdraw to focus on puzzling over things. They absorb environmental impressions and information with curiosity and learn to filter information from media. The numerous sensory experiences need to be processed and require rest before the children can embark on new discovery adventures. We design the learning spaces based on these needs. This makes the elementary school a feel-good place where children can develop their potential.



Source: Plehn & Appel (2021). Raumgestaltung entwickeln und pädagogisch begleiten. 3

LEARNING SPACES

Flexible classroom	6
Permanently furnished classroom	12
Independent learning area	16

State of Lot,







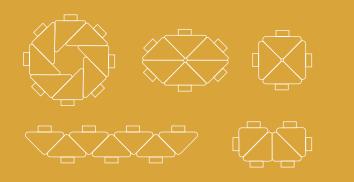


In the teaching phase ①, the classroom is mainly equipped with student desks and chairs. For afternoon care, ② ③ they move to small homework groups on the edges of the room. Tables that are no longer needed are stacked to one side and open up new space: like here for a seating landscape made of floor mats for lively games and encounters.



FLEXIBLE CLASSROOM ONE ROOM FOR EVERYTHING: FROM LETTING OFF STEAM TO LISTENING The classroom is home to children at school - usually in the morning as well as in the afternoon. The demand on this space is therefore often greater than its floor area: How can movement, concentration and meeting be combined in just a few square meters? Flexible furniture helps here, allowing the room to be transformed in an instant: Mobile student desks, stackable benches and student chairs as well as lightweight floor mats form an agile team for versatile learning experiences. Thinking and pushing around three corners together. Quick changes happen where a lot of learning takes place in groups: from solving puzzles in teams of two, to exchanging experiences in large groups and back again. Triangular tables are a particularly clever solution for classrooms with this orientation. Thanks to their shape, they can be combined in a variety of ways: from compact groups of four to communicative groups of eight. The tables can also easily be stacked away to create space in the classroom for playing and relaxing together.





Positioning options for triangular tables

In teaching phases ①, learning can take place in various group settings. For childcare and leisure activities ②, the student desks are stacked at the edge of the room to save space or arranged in small work islands. On the space gained, cushions that were previously stowed away on shelves form a seating circle and relaxation area.





In teaching phases ①, the room is divided into two classrooms by a partition that can be moved on site. It is opened for the lunch break ② and the tables are arranged in sociable groups. For childcare and leisure activities ③, superfluous student desks are stacked at the edge of the room. At the center are work islands for collaborative tinkering and upholstered elements,which children can use to create new seating arrangements and play scenes.



Knowledge nuggets and lunch in the same room. Those who study hard in the morning and let off steam in the afternoon need a nourishing lunch break in between. This can also take place in the classroom, provided it is flexibly equipped: With student tables that can easily be moved from learning settings to dining tables; and upholstered elements that invite you to relax and play with energy afterwards.



How is this room transformed to encourage tinkering and playing in the afternoon?

Minute

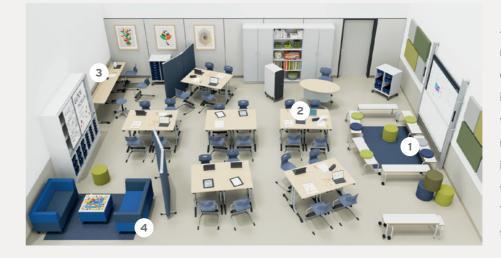
48 student places | 17 x 6.8 m

Concentration, retreat, encounter



PERMANENTLY FURNISHED CLASSROOM BINDING DIVERSITY

Wherever children gain plenty of new experiences, they also need constants – especially if they have learning difficulties or a different mother tongue. A permanently furnished classroom can give children a sense of stability and accompany them throughout the day in a way that meets their needs, even without spatial conversion measures. Especially if it allows for individual differentiation.



A circle of benches ① opens up meetings for the whole class and groups of desks ② facilitate learning in smaller teams. Individual workstations at the edge of the room ③ allow children to switch to independent learning or learning with special educational support. The sofa corner ④ invites students to take a relaxing break.



Aligned to the front and to each other. A frontal alignment of the student desks can also be reconciled with collaborative forms of learning without the need for conversion work: thanks to student desks that can be used from both sides. To be able to sit opposite each other in the group, the chairs simply change places. Lightweight table dividers can also be used to separate the groups from each other.



ACOUSTICS IN LEARNING SPACES

- Children tire more quickly when learning with lively background noise – especially if they are learning outside their native language. Here's what helps:
- Acoustic elements on the walls that reduce the overall noise level
- Partition walls that divide the room into quiet and lively learning zones
- Table dividers that separate individual workstations from each other
- Thanks to their very high absorption capacity, our acoustic elements dampen a lot of sound, even with a small surface area. Combined with partition elements, this creates pleasant room acoustics.

At the learning stations ①, children can concentrate on listening and encounter each other while learning together. Additional workstations are available for independent and special educational needs learning ②. In the shielded sofa corner ③, the children can comfortably withdraw and exchange ideas.

FREE LEARNING AREA PROMOTING FREE SPACES

In order for children to develop their abilities, they need freedom of all kinds. While one child needs individual language support, another wants to discover advanced learning content for themselves. Free learning areas make this possible: With a variety of workstations, they are a popular destination within the school for lively learning groups, hard-working lone wolves and patient learning companions.





Small groups of tables ① are available for group work and individual support. Mobile partitions create protected individual workstations ② for focused self-study phases. A sofa corner ③ awaits children who want to take a break or study while lying down.





AR application What does the island for individual work look from all sides and in your school? VAL SERVE





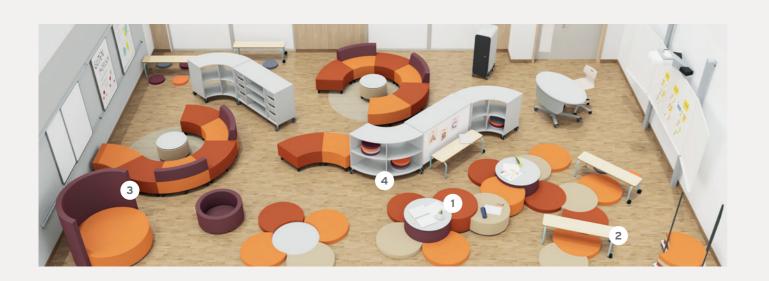
At table groups ①, children can learn together and at individual workstations ② independently. Mobile shelving ③ and mobile acoustic partitions ④ moderate the different learning styles. Design free spaces on your own. Adaptable furniture ensures that children and learning companions can reinvent free learning areas time and time again. Triangular tables can be used to create different table constellations, from individual work to large groups. Mobile shelves and lightweight acoustic partitions can be used to create different zones – so poster making, math problems and daydreaming can be done side by side in harmony.



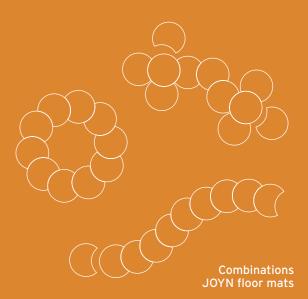
FREE LEARNING AREA CLOSE TO THE GROUND, AIMING HIGH!

Thanks to their intuitive urge to move, children are inventive when it comes to choosing their learning place and body position – and are happy to do without a table and chair from time to time. Upholstered landscapes can provide a welcome change. The children can alternate between lying on their stomachs, kneeling and sitting on floor mats and sofas. For even more variety, they can flexibly combine the lightweight floor mats and sofa elements into new shapes at any time.





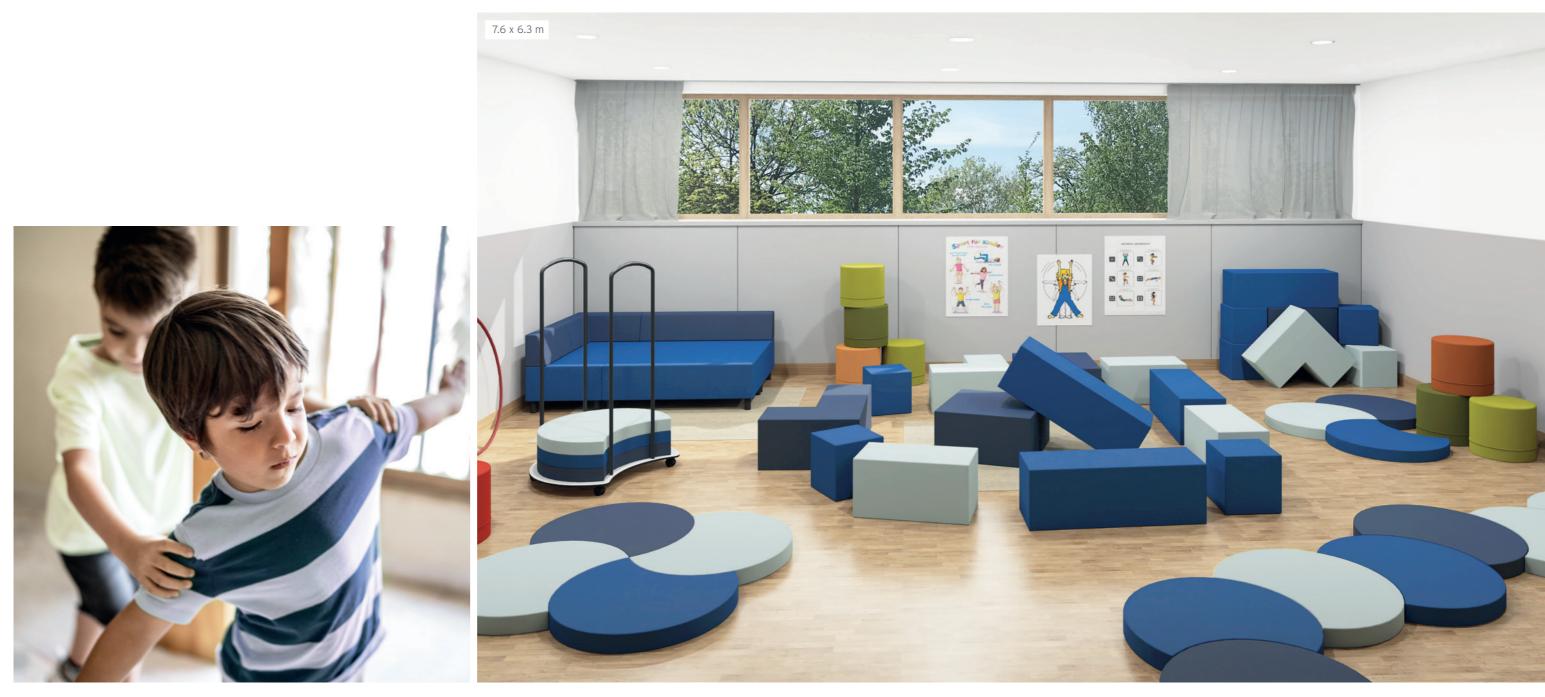
Children can sit comfortably at different heights in the seating area. Table elements ① and benches ② are available to help them write, draw and build. Oases of calm ③ offer them a place to retreat. Mobile shelves ④ zone the moving environment and at the same time give the children a view.



FREE SPACES

Play room	24
Library	28
Hallway	30
Cafeteria	32

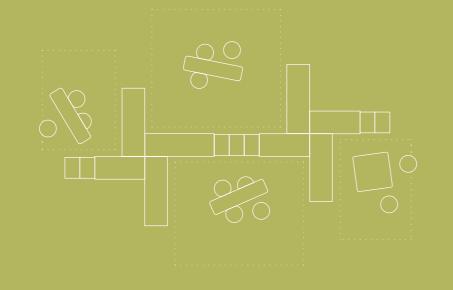




PLAY ROOM ROMPING AROUND AND DANCING IN BALANCE In class, some children slide around fidgeting on their chairs in an attempt to concentrate despite their natural impulses to move. Balance creates a space in which they can let off steam unhindered. The colorful landscape of soft cushions is an invitation to play, climb and dance – and to take a breather in between. Taming wild spaces. The colorful landscape of towers and islands is easy to clean up after playing. To do this, the cube pieces are puzzled into their shells and the floor mats are stacked on the transport cart.



A breath of fresh air while playing. A windmill-shaped arrangement of cupboards divides the room into different painting, play and craft areas. In between, upholstered elements allow curious glances at the other kids playing.



PLAY ROOM STACKING AND COLORING

Playing together unites - and at the same time children practice communication, creativity and patience. Play rooms create the best conditions for this. Here they can pursue their favorite activities in different corners and levels - whether it's crafting on a bench, building towers on the play cart or playing board games on floor mats.

LIBRARY DIVING INTO OTHER WORLDS

Browsing, napping and daydreaming – children will find space for this in quiet reading corners, reading rooms or libraries. With a radio play on their ears, a book in their hand or a tablet in their lap, they can immerse themselves in other worlds here. This is particularly easy if the shelves offer a wide range of media, from comics to non-fiction books, and comfortable seating niches create a quiet reading atmosphere.





An upholstered landscape stretches out between the bookshelves ① This is zoned by the protective rear walls of the COCOON elements ② and mobile reversible shelving ③. With seat cushions ④, even window niches become reading corners.





14.3

THE MAN

AR application How would it be if this seating landscape was in your school straight away?



ARRIVE AND ENCOUNTER

The children meet their friends in the morning in hallway areas and cluster centers and start a new school day together. Wardrobe compartments, in which jackets, shoes and sports bags can be neatly stowed away, help them to get off to a good start. This keeps their classroom tidy at all times. Comfortable seating provides a space for spontaneous encounters – before the start of lessons and for the rest of the day.



To make learning spaces really cozy, jackets, bicycle helmets and school bags can be stored in spacious wardrobe compartments ①. Street shoes can be stored in the Tidy Boxes ② and teachers can store teaching materials, schoolwork or other utensils in the lockable cupboards ③ – so everything is neatly stowed away.

CAFETERIA BREAK!

The cafeteria not only provides a hearty meal, but it is also of great social importance: Here the children meet friends from other classes and year groups and can talk about their school day or their hobby. Sometimes they are also joined by learning guides to strengthen the community throughout the day.





Fixed tables and benches ① bring peace and security to the cafeteria, since there is no need to move chairs when taking a seat. Thanks to the seat cushions, all cafeteria guests sit particularly comfortably here. The acoustic elements on the walls ② ensure pleasant room acoustics during the loud clatter of dishes and lively conversations.

FREE SPACES | CAFETERIA Encounter, exploring the world

Enjoying versatility. With flexible furniture, a cafeteria can be designed to be multifunctional: At lunchtime, their tables and stools provide space for a communal lunch. They can then be moved, folded and stacked aside for theater rehearsals, the book bazaar or the project week.





WORKING SPACES

Staff room Team room 38



67.3



STAFF ROOM FOCUS AND RECOVERY

Behind the door of the staff room, the teachers are immersed in a soothing silence. In the midst of this, they can prepare and follow up on learning units, grade class work or relax. This creates a healthy balance between work and free time. **Come to rest with variety.** Meetings can be held at the large table, with table dividers creating focused workstations. To the side is the spacious wall unit with learning materials. At the high table with bar stools, you can work standing up, while you can put your feet up on the sofa next to it.

WORKING SPACES | TEAM ROOM Encounter, retreat



TEAM ROOM LIVELY EXCHANGE

Learning guides meet in the team room to coordinate all-day activities together or to have a cup of coffee. During afternoon childcare, children can also find a contact point in the learning guides for their questions and problems. Round meeting tables, comfortable lounge elements and protective acoustic partitions create an inviting atmosphere for everyone. From conversing to leaning back. Round meeting tables and high tables make it possible to coordinate and take breaks together. A lounge corner behind acoustic partitions provides a relaxed retreat.

OUR PRODUCTS

Products Worlds of color 44



CHAIRS AND TABLES | STUDENTS



7416.041

PAGHOLZ[®] FOOTREST CHAIR

- For all tables in size 6
- Adjustable footrest
- Stackable up to 3 chairs



PAGHOLZ® STOOL WITH

• Available in different sizes • Available in sizes 2-7

FOOTRESTS

- Stackable up to 9 stools
 - Stackable up to 12 stools

7984

STOOL

PAGHOLZ[®] 4-LEGGED



STACKING BENCH

- Available in sizes 3-4, different widths
- Optionally mobile
- Stackable up to а. 5 benches



STUDENT DESK

- Fixed, single-seater
- Available in sizes 2-7
- Seating on both sides due to central column frame
- Available in sizes 2-7 Frame means no

C-SHAPED SCHOOL TABLE

disturbing table legs

Fixed, single-seater



7632, 7931

FLEXLAB® PRO JUNIOR TABLE WITH STOOL

- Suitable size for elementary school
- Mobile with 4 castors
- Multifunctional use



FLEXLAB® WHITEBOARD/ **PINBOARD ATTACHMENT**

- Easy to fix in place and replace thanks to a locking screw
- Use on both sides



- ing screw
- Use on both sides



FLEXLAB[®] STORAGE SPACE ATTACHMENT

- Storage space, also suitable for Tidy Box
- Simple and easy mounting





3101.168, 3103.154

SIDE FOLDING TABLE

- Mobile with 4 castors
- Can be folded in at the side and nested to save space

SOLID BRIDGE TABLE WITH BRIDGE BENCH

- Fixed
- Optionally with upholstered bench support and floor attachment

7634.021

FLEXLAB® TABLET HOLDER FLEXLAB® BOARD HOLDER

7634.020

- Can be locked in place or rotated using the locking screw
- For tablets of different sizes
- Can be locked in place or rotated using the locking screw
- For 2 large or small sliding panel elements

7634.002

FLEXLAB® ACRYLIC **GLASS ATTACHMENT**





3660.147, 3660.148



7280

STUDENT STACKING TABLE

- Single-seater
- Optionally mobile
- Up to 4 tables stackable, also with accessories



TRIANGULAR TABLE

- Single-seater
- Optionally mobile
- Up to 3 tables stackable

CHAIRS AND TABLES | TEACHERS



PAGHOLZ[®] WAVE **CANTILEVER CHAIR**

- Cantilever frame promotes blood circulation in 🔹 Suitable for many high the back muscles
- Optionally with upholstery

8389

• Stackable up to 5 chairs



PAGHOLZ® BAR STOOL

 Optionally with upholstery

7899

- tables, e.g. SOLID tables
 - chrome-plated foot ring Optionally with upholstery

8385.002

Optionally with castors

PAGHOLZ[®] GAS LIFT

Height adjustable

Aluminum base with

CHAIR WITH FOOT RING



PAGHOLZ® GAS LIFT CHAIR

- Height adjustable
- Robust aluminum crossbase
- Optionally with uphol-. stery
- Optionally with castors



MONO-COLUMN TABLE, OVAL SHAPE

- Height adjustable
- Mobile with 4 castors
- . Optional safe deposit box pull-out
- Suitable as a teacher's desk or lectern



TEACHER'S CADDY, LOCKABLE

- Mobile with 4 castors
- Including robust, recyclable Tidy Boxes in attractive colors with labeling field





ROUND BASE TABLE

- Sitting or standing table
- Legroom thanks to col-
- Available in two heights as a meeting or coffee table



- umn frame



WELDED METAL Including floor protector

- with level compensation
- Optionally with accessories for the administration area
- Optionally with 2 fixed castors



GAS LIFT STOOL

- Height adjustable
- pressure on the intervertebral discs, promotes blood circulation and prevents tension
- Color Wood colors Optionally with castors

Optional stool seat in

Robust aluminum cross-

PAGHOLZ[®] GAS LIFT

Height adjustable

base

STOOL WITH CASTORS



- The convex base relieves



7616.097

BARREL-SHAPED MONO-COLUMN TABLE

- Height adjustable
- Mobile with 4 castors
- . Suitable as a teacher's desk or lectern



4-LEG TEACHER'S DESK

- Matches the student desk 7280
- With lockable drawer base unit
- Optionally with 2 castors



3102.168

SOLID BRIDGE TABLE, HIGH

- Fixed bar table
- Seating on both sides
- Optionally with socket outlet inserts and floor mounting



9386.001

NOTEBOOK TABLE **C-SHAPE**

• Suitable as a side table for upholstered furniture series DOMINO, MODULA, MAZE or COMFORT HI

LOUNGE | STUDENTS





UPHOLSTERY SERIES JOYN

- Optimal size for an elementary school
- Different sizes and shapes allow combinations of positions
- Optionally fire protection certified according to DIN 66084 P-a with cover fabric B1 and with floor attachment



JOYN TABLE

- With internal storage space
- Sturdy, removable table top



COCOON UPHOLSTERY RANGE

- Optimal size for an elementary school
- Individual positioning combinations of model 5012 with JOYN elements
- Optionally fire protection certified according to DIN 66084 P-a with cover fabric B1 and with floor attachment



JUNIOR UPHOLSTERY SYSTEM

- Optimal size for an elementary school
- Can be individually combined and extended using interlinkable individual elements
- Matching tables with robust compact tabletop
- Optionally fire protection certified according to DIN 66084 P-a with cover fabric B1



BLOC UPHOLSTERED ELEMENTS

- Optionally fire protection certified to DIN 66084 P-a with B1 cover fabric and with screwed or glued floor attachment
- Ideal for creating seating groups or as an extension for lounge areas



5017.008

JOYN FLOOR MAT

- Underside with anti-slip coating
- Optionally fire protection certified according to DIN 66084 P-a with cover fabric B1



5018.090

TRANSPORT CART FOR JOYN FLOOR MATS

• For up to 15 floor mats

LOUNGE | TEACHERS



CHILL SERIES

- Suitable size for elementary school
- Removable cover and therefore easier to clean
- Durable quality thanks to high-quality workmanship
- Filling has DIN 4102 B1 flame-retardant EPS polystyrene ball filling



5034.001

CHILL SEAT CUSHION

- Foam core
- Diameter 35 cm



TRANSPORT CART FOR CHILL SEAT CUSHION

- For up to 15 seat cushions
- Mobile with 5 castors



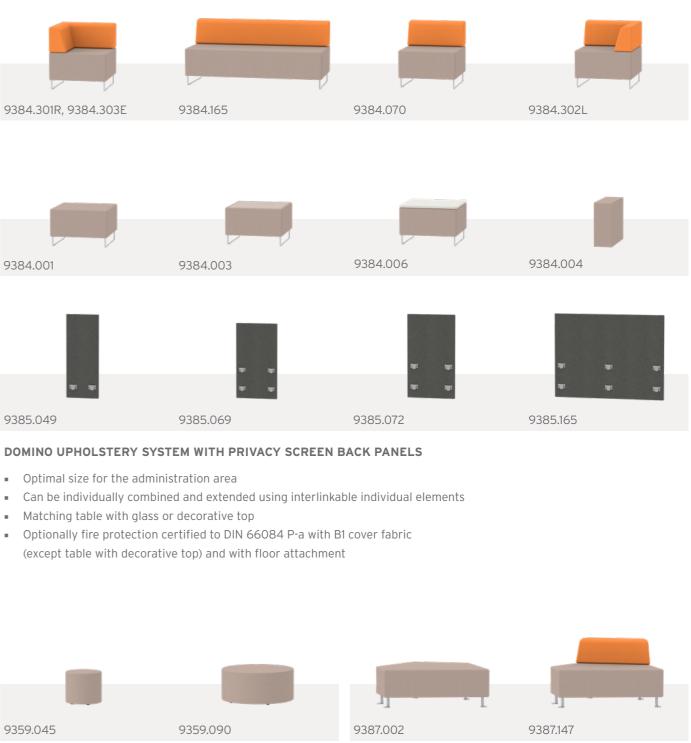
JUNIOR DICE SET

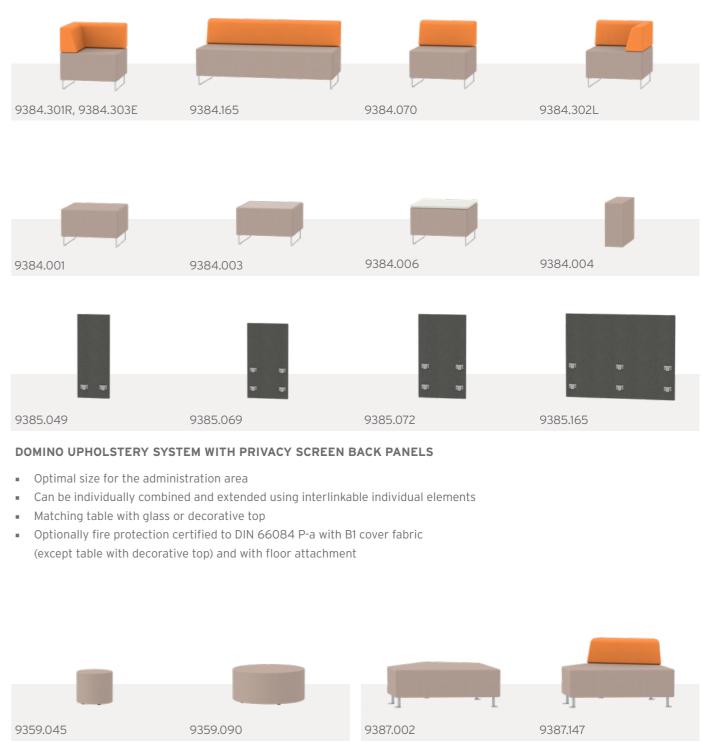
 Available in 4 color combinations

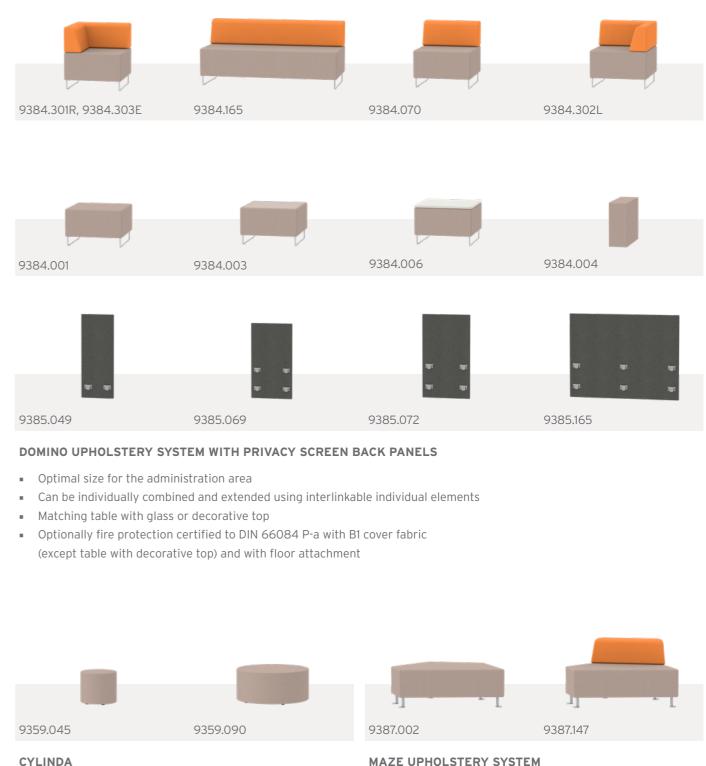
Including removable cover

CYLINDA SOFT

- No sinking in despite foam core
- Anti-slip underside
- Removable cover







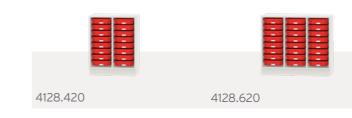
- Suitable size for the administration area
- Ideal addition to the DOMINO and MAZE upholstery series
- Optionally fire protection certified according to DIN

MAZE UPHOLSTERY SYSTEM

- Suitable addition to the DOMINO
- Interlinkable individual elements can be put together . individually
- 66084 P-a with cover fabric B1 and with floor attachment Optionally fire protection certified according to DIN 66084 P-a with cover fabric B1 and with floor attachment

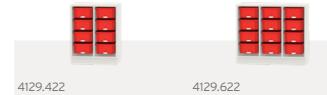
STORAGE SPACE





SCHOOLBAG SHELVES

- Compartment sizes suitable for standard schoolbags
- Optionally mobile with 4 castors





QUARTER CIRCLE SHELF

- Mobile
- Can be combined with other mobile shelving units



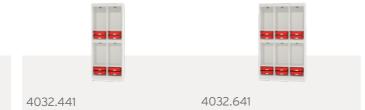
REVERSIBLE LIBRARY

- Mobile
- Can be used on both sides



BUILD AND PLAY CART

- of storage space
- Tidy Boxes included
- Mobile with 4 castors



WARDROBE SHELVES

- Fixed
- Including robust, recyclable Tidy Boxes in attractive colors with labeling field
- Compartments with 3 hooks for storing schoolbags, jackets and gym bags



PROPERTY LOCKERS

 Including robust, recyclable Tidy Boxes in attractive colors with labeling field

> 1 x 1 x

2 x

1 x 2 x

1 x

2 x

• Optionally mobile with 4 castors

NUMBER	MODEL
4128.621	Base cabinet with 18 small Tidy Boxes
4129.623	Base cabinet with 9 large Tidy Boxes
4730.104	Top shelf for sliding panel system W x H x D 1042 x 1280 x 420 mm
0288	Plinth front panel 2084 mm
0290	End panel (depending on local conditions)
6872	Aluminum guide rail top/bottom 2084 mm
6814923	Sliding panel white/green (design as required)

WALL UNIT WITH SLIDING PANEL SYSTEM

- Easily removable sliding panels for working at the table
- Shelves and Tidy Boxes for plenty of storage space



4425.931

SHELF WITHOUT MIDDLE WALL

• Optionally mobile with 4 castors

4489.930	4489.830

SHELF WITH MIDDLE WALL

• Optionally mobile with 4 castors



Practical storage surface for playing standing up

- Compartments with plenty



4128.820

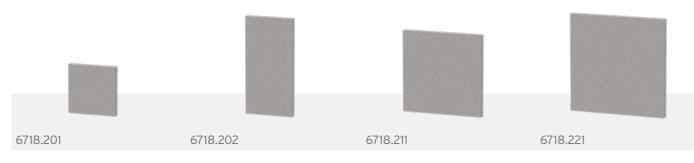




4129.822

4015.820

ACOUSTICS



TEXTILE ACOUSTIC ELEMENTS SERIES

- Particularly durable thanks to removable and washable covers
- Clean mounting with stable mounting plate, screwed together
- Pleasant room acoustics due to maximum absorption performance (absorption factor = 1)
- Different sizes and fabric colors allow for clever integration into any learning area



COMBI ACOUSTIC PARTITION WALL SERIES

- Sound-absorbing
- Tool-free interlinking of up to 4 walls at one point, at different angles of degree
- Rotatable extension arm with plastic feet and optionally with castors



6716.001

ACOUSTIC FELT PARTI-TION WALL

- Sound-absorbing
- Stable and firm
- Easy to move and stow away to save space



6716.301

FELT TABLE DIVIDER

- Sound-absorbing
- Space-saving storage thanks to the fact it can be dismounted
- Can be used as a privacy screen on tables



JUNIOR ACOUSTIC PARTITION WALL SERIES

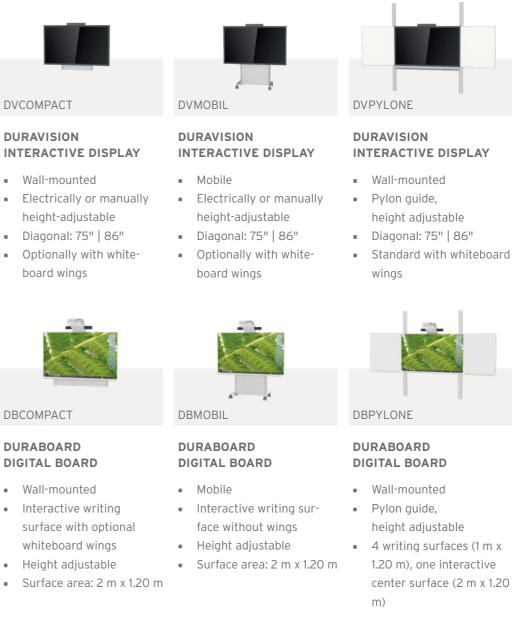
- Sound-absorbing
- Stable and firm
- Made from 3-ply recycled PET felt
- Available in widths of 60 cm and 120 cm
- Easy to move and stow away to save space



ACOUSTIC ELEMENTS SERIES IN SHEET FORM

- Sound-absorbing
- Stable and firm
- Easy to move and stow away to save space





6814321, 6814323, 6872	6814421, 6814423

SLIDING PANEL SYSTEM

SLIDING PANEL

- Wall-mounted
- Magnetic and writable sliding boards,
 - optionally in green/white
- fabric covering in 3 colors

Available in 2 sizes

Optionally with WOOL

Pinnable

- Interactive writing

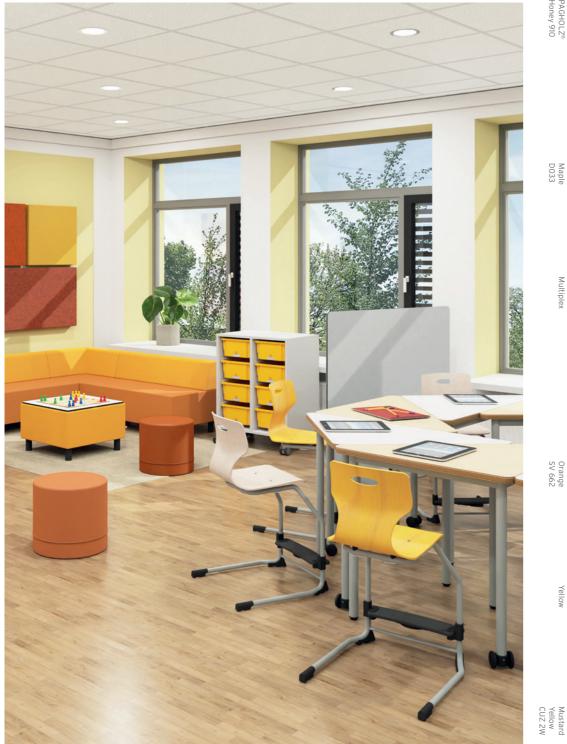
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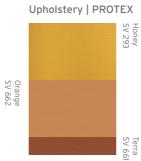
- center surface (2 m x 1.20

WORLDS OF COLOR LET'S GET COLORFUL

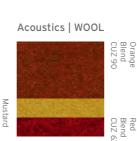
Colors play an important role in interior design: They give structure to spaces, provide orientation and shape the atmosphere. The choice of colors poses challenges for many schools – including different individual preferences or existing floor and wall colors. But there are a few clues that can provide orientation in the color wheel.





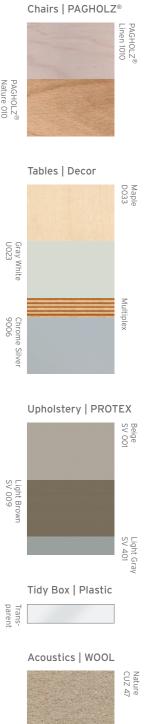








Warm colors such as red and orange tones are considered communication-enhancing and stimulating. They are used in rooms for concentrated learning, but also for meetings and informal exchanges. Young children in particular often prefer warmer colors in classrooms. At the same time, orange tones also warm rooms with little sunlight. If the room is already colorful enough, the furnishings can balance this out with neutral colors and bring a sense of calm.



Light Gr Blend CUZ 28





Shades of blue and green are said to have relaxing, balancing and creativity-enhancing effects. They are therefore ideal for retreat areas, for example. The psychological effects of color serve as points of reference in interior design, but their actual effect only unfolds in the totality of all design elements in the room.



OUR SERVICE

With a watchful eye and an open ear, we accompany you through every project phase.

maintenance, spare parts and repairs.

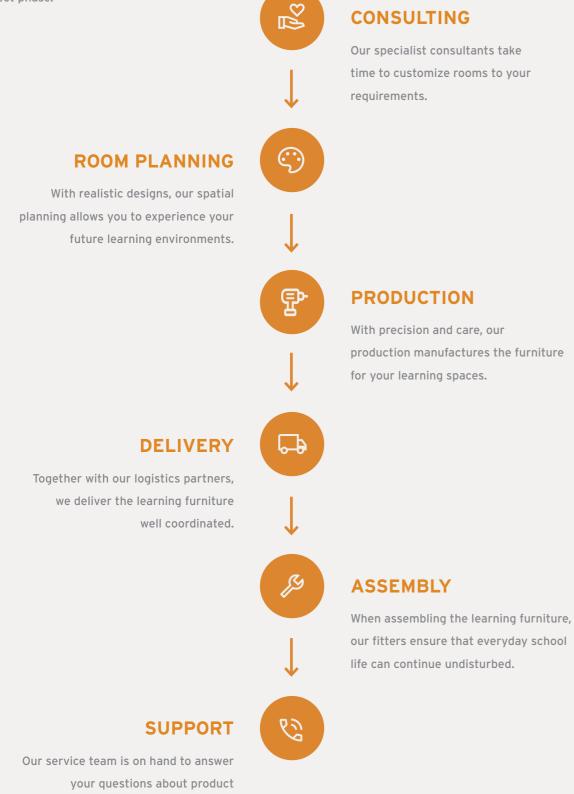


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