

Sukanya Krishnamurthy Chris Steenhuis Daniek Reijnders Title: Mix & Match: Tools to design urban play

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MIX & MATCH TOOLS TO DESIGN URBAN PLAY

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Creating inclusive spaces for all ages is central to a number of urban agendas. Following the current trend of global urbanisation cities are becoming principal contexts wherein generations of children will thrive and grow. To support the efforts of creating child-friendly urban environments, this toolkit provides a start of possible design interventions to create more inclusive play environments from the street to the neighbourhood. Focused on the role the that urban planning and design can play in highlighting the agency, impact, and habits of children on space, we aim for this to be used as a guidebook for possible designs interventions, inspiration, or as an evaluation handbook to assess what elements of child-friendly environments are present, needed or even absent.

The toolkit is intended to inform and aide in the creation of outdoor spaces of play, importance of creating urban green, services for parents, creating communities of action, etc. It is aimed at various stakeholders responsible for the wider public realm including but not limited to, policy-makers, designers, planners, architects, NGO's, and residents. The importance of integrating places to play within community spaces can play central roles in lives of children, youth, adults old and young. Ideally these should be spaces that various age-groups enjoy spending time in, encourage physical activity, create social communities, and importantly feel safe and inclusive.

Playing is essential to physical, social and cognitive development of both children and young adults. Outdoor play is particularly of importance given the various opportunities it presents, experiencing various environmental conditions including nature, freedom of movement, taking risks, decision making etc. The social value of play has been shown to have positive impacts on the child and the care-giver. Though research shows the urgency of acknowledging the role and importance of play, cities still have a monumental task of creating communities where planning and design of child-friendly public spaces has a central role.

The toolkit is composed of various components (or design ideas) that when combined with other components can lead to a spatial intervention focused on various types of play, formal or informal that can be citizen and government driven. Developed along various scales, micro (the street), meso (the neighbourhood) and macro (the city), they are thematically identified by alignment with interventions that address play, green, or safety. Each of the interventions shown here are only examples of possibilities and can be combined with other components if needed.

To plan and design for inclusive spaces that are exciting play areas for children of all ages, involves steps ranging from simple action (adapting what we have), to complex resource identification (who, what, why, how). By mixing and matching ideas ranging from DIY solutions to more elaborate urban interventions, the toolkit can be seen as a guide to creatively engage with planning for child friendly environments.

SCALE OF INTERVENTIONS

Possible levels of intervention



TOOLKIT COMPONENTS

MICRO SCALE

01

02

03

04

05

06

07

08

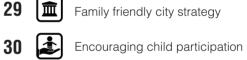


- Shared space
 - Alternating pavement
 - Narrowing: visual and physical
- Lighting
 - Maintenance & awareness
 - Living school grounds
- 15 Use of semi-private spaces
 - Flexible schoolyard

17		Playful street crossings
18		Junk yard playground
19	Y	Community garden
20	Ь	Seating possibilities
21	?	Free Wi-Fi zone
22		Coffee bar
MESO SCALE		
23)	Stroller friendly streets
24	, , ,	Neighborhood child route
25	Z	Designing for flexible use

540 Cycle path network 26 人 27 Pedestrian network **28** Public transportation routes MACRO SCALE

7



POSSIBLE SPATIAL INTERVENTIONS

The role that urban planning and design can play in highlighting the validity and agency of children's geography in planning processes is vital within the changing profile of cities. It is however useful here to distinguish between the following, role of urban planning and design can play in highlighting the importance of children's geographies, the levels of possible interventions, bottom up and top-down, and accommodating for changing demographics in cities.

This can be seen through the issues raised on repeated concerns regarding safety, awareness, maintenance, and more family friendly spaces, which can be addressed at various scales and levels of interventions:

Micro: The smallest level of possible intervention. e.g. street

Meso: An intermediate level of interventions at the district or neighborhood level

Macro: The highest and the most complex level of intervention at the city level

By combining various components, micro, meso, and macro, the toolkit presents possible interventions to achieve child-friendly public spaces. A few possible combinations and results are outlined to showcase how micro, meso, and macro components can come together.*

* These combinations are only examples and the individual components can be integrated differently.

1. SAFER STREETS



Playful street crossings

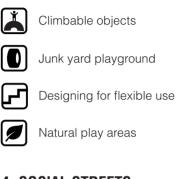
Alternating pavement

3. PLAYFUL STREETS



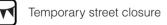
Playful street furniture

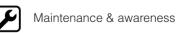
2. DIVERSE PLAYSCAPES





Social media community





Lighting

5. RECLAIMING PUBLIC SPACE

Shared space

Y

Community garden

Temporary street closure

Street green

7. CONTACT WITH NATURE

Natural play areas



Living school grounds



Community garden







6. MULTI-FUNCTIONAL USE

Flexible schoolyard

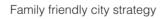
Use of semi-private spaces



× Sidewalk games

8. CHILD POLICIES





Maintenance & awareness



Neighborhood child route



(,)

Encouraging child participation

9. EASY ACCESS



Public transportation routes

[•] Pedestrian network

10. SERVICES FOR CHILDMINDERS

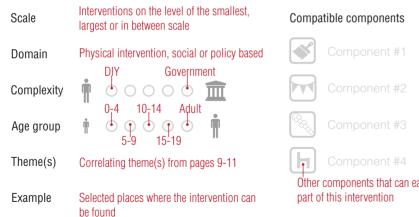


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HOW TO READ THE TOOLKIT? ? Short description of the component

Type of space 科团 Street Greenscape Playscape



Other components that can easily be

Schematic interpretation of the intervention

Why?

Short background why this intervention is relevant

How?

Description how this intervention can be realized

MICRO SCALE

The smallest level of possible intervention, E.g. street, in front of your house



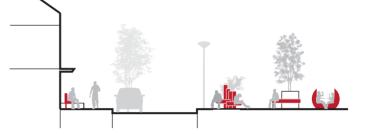


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PLAYFUL STREET FURNITURE π

Sit in front of your house





Why?

Streets are potential places for children to learn and play. Research identifies adding street furniture around the neighbourhood could facilitate observing children at play. Adding a bench between the street and home can play two functions, a buffer between private and public functions, and increase opportunities to connect with neighbours and others children.

How?

In more Congregational spaces of play, picnic tables can be added. Possible elements of urban furniture include, wooden pallets, benches with multiple functions, meeting bowls etc. These items can also become play elements, so think of adding colourful and playful pieces.

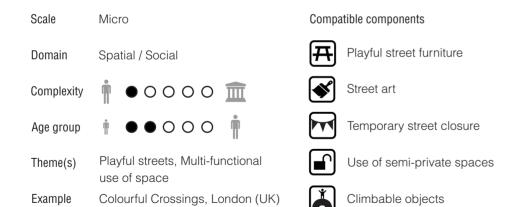
Scale Micro Compatible components Ś Street art Domain Spatial Temporary street closure • 0000 mm Complexity 00000 Sidewalk games Age group Ŵ Н Seating possibilities Theme(s) Playful streets

Example Meeting bowls, New York (USA)

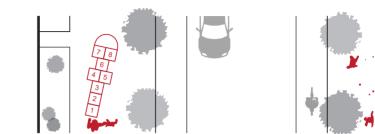


SIDEWALK GAMES

Take ownership your sidewalk by encouraging play







Why?

Outside play is not restricted to designated play spaces only, but should extend to public space at large. Playing games on the sidewalk encourages more types of social play, introduces a larger variety of play themes, and increases social interaction. Sidewalks also provides access to all children to use it as a play space.

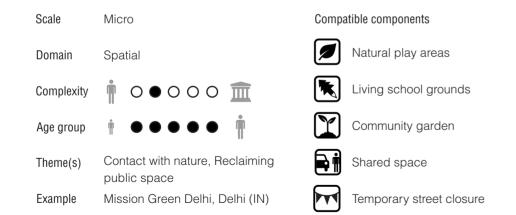
How?

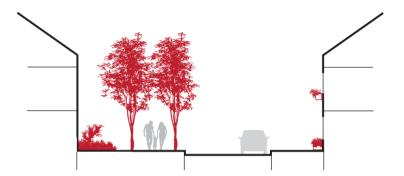
Take ownership of the sidewalk and reclaim it by playing small games. Chalk lines can be drawn on the sidewalk to play hopscotch. Or replace a regular paving stone for a paving stone with a little dimple to play marbles bought at the DIY-store. The sidewalk can be much more than just a place for pedestrians to go from A to B. Make it your playground!



STREET GREEN Bring (small scale) greenery to your street







Why?

Literature shows that the design and management of urban green does not always reflect the needs and preferences of children. Underlining this, neighbourhoods residents plea for small scale greening. The importance of turning hard grey urban spaces to softer, natural aesthetics is vital.

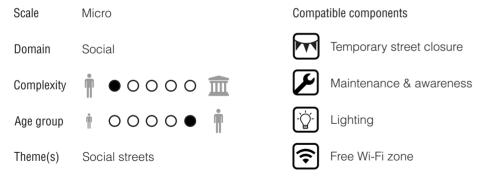
How?

Greening the street can start with the residents themselves, by replacing the paving stones in front of homes with natural lawns, plants or by hanging flower boxes out of windows. On a municipal level larger trees and plants can be planted on the sidewalk creating a green canopy, providing shade and a green neighbourhood environment.



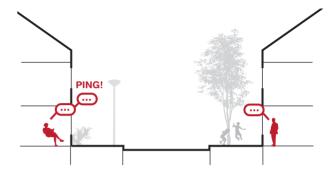
SOCIAL MEDIA COMMUNITY

Keep in contact with other residents through social media



Example Peerby platform (Various countries)





Why?

Citizens aspire to live in locations that are physically and socially attractive. To create a community, individuals need to feel connected and this can encouraged through activities on a locations. Next to neighbourhood associations, online neighbourhood communities are also on the rise. The use of social media can further improve existing connections, while also creating a neighbourhood watch.

How?

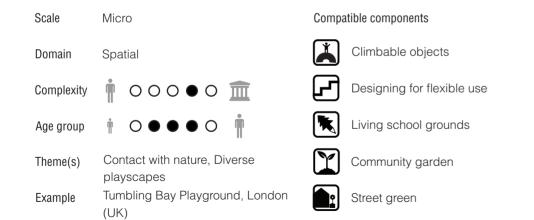
Various online platforms are available to create communities - they vary from messaging services like WhatsApp to platforms that facilitate a shared neighbourhood economy like Peerby. Closeby living nanny's can be found easily, and that neighbourhood barbecue can be organized by getting everyone together through WhatsApp or lending a barbecue through Peerby.



NATURAL PLAY AREAS

Facilitating play in green environments





Why?

Children's access to local green spaces supports healthy development, physically active free play and awareness for the environment. Natural play areas are more suitable for different age groups and offer another type of play-space and meeting space. Creating softer alternatives to urban landscapes.

How?

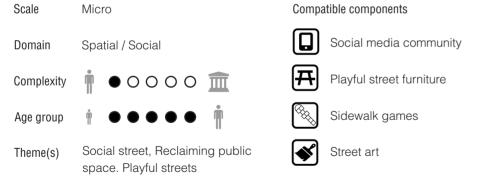
Simple elements like a climbing tree, or creating a natural slope offer limitless possibilities for children to play. Creating ground modelling (gentle slopes), fast growing planting that are native and resilient, using trunks of fallen trees, boulders, shallow ditches that catch water are some examples.



TEMPORARY STREET CLOSURE

Temporary space for play





Example Playing Out initiative, Bristol (UK)



Why?

Streets safety is a repeated concern for families in urban areas. A temporary solution is the closure of a street for a day (once a month for example) to create a play-street. Due to its temporary nature residents can be stimulated to create a festive day to set an example for alternate possibilities.

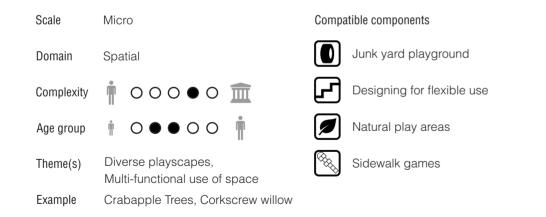
How?

While the municipality needs to approve temporary street closures, residents can actively participate in street activities. Rent a jumping castle for the children, organize classic jeu-de-boules competition with the neighbours, have a street barbecue, let children create street decoration, the possibilities are endless!

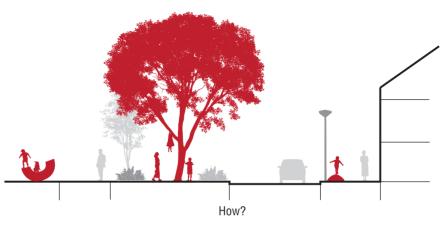


CLIMBABLE OBJECTS

A tree, piece of art and other equipment to climb on







Any object can become an element to scramble up on: a piece of art in the park, some steel objects on the sidewalk, a tree. For children, climbing on objects is more than just fun. Scaling an object teaches them vital lessons, such as dexterity, risk assessment, focus and planning. They have to decide how high they're comfortable to climb and find the best way to get there.

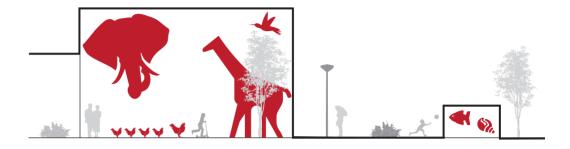
Why?

Though anything can become a climbable object in theory, it is the multi-functionality of these objects that facilitate play. A piece of art along the sidewalk can be (when designed to) both a piece of art or a play element. By placing a tree whose branches spread out instead of only vertically, the tree becomes a multi purpose element: it not only provides the basic features shade, green, etc., but it also becomes an adventurous, natural play element.









ScaleMicroCompatible componentsDomainSpatialImage: ComplexityPlayful street furnitureComplexityImage: ComplexityImage: ComponentsImage: ComponentsAge groupImage: ComplexityImage: ComponentsImage: ComponentsAge groupImage: ComponentsImage: ComponentsImage: ComponentsAge groupImage: ComponentsImage: ComponentsImage: ComponentsAge groupImage: ComponentsImage: ComponentsImage: ComponentsAge groupImage: ComponentsImage: ComponentsImage: Components

- Theme(s) Playful streets
- Example Street art in George Town, Penang (MY); Streetart, Bogata (CO)

Why?

Street art can change communities perspective of their surrounding environment. Visually by using street art, communities can merge creativity and culture, express community concerns, wishes, wants, and captures people's imagination.

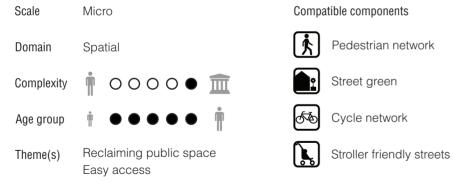
How?

Occupy or identify a piece of property (school walls, playgrounds), and explore the world of urban art. This can be done by involving children of all ages through class projects, after-class activities etc. These art installations can also be changed periodically. Examples include, street murals, graffiti, decorating street furniture and painting way finding signs.



SHARED SPACE Spatial quality and democratic use of space





Example New Road, Brighton (UK)

Why?

A recurring observation within urban communities is the amount of cars on the street and the attitude of the drivers. When streets are not considered safe to play in, less play happens on streets. One way to increase safety levels and at the same time improve the walk-ability streets is through the introduction of shared space concepts.

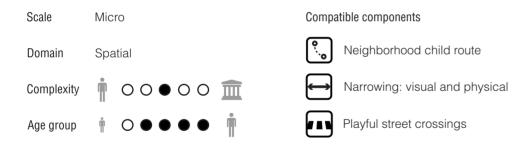
How?

As an urban planning approach, shared space aims to minimise the segregation between vehicular traffic and pedestrians. By eliminating surface marking, signs, lights, kerbs etc., the approach advocates for higher awareness of road users and reduction in car speeds. The responsibility of safety is shared with the aim to give street space back to various activities.

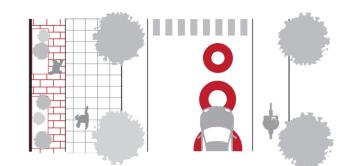


ALTERNATING PAVEMENT





Example Le Medi, Rotterdam (NL)



Why?

Creating playful patterns through colourful tiling on the sidewalk can visually create multiple areas, to walk and play. Paint, chalk marking etc. can create visual cues to make drivers more aware of their environment.

How?

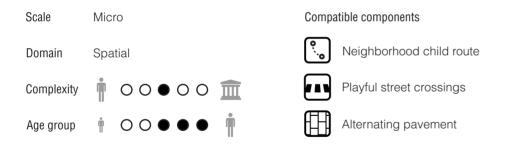
Traffic safety and awareness levels can be addressed in many ways, one of the easier DIY solutions is creating awareness through design interventions. Informal demarcations of space within pavement areas through alternating tile patterns, using colours within pavements, painting, greening etc.



NARROWING: VISUAL AND PHYSICAL

Smart design for traffic safety





Example Umbrella sky project, Namur (BE)



Why?

The attitude of drivers is an important determinant when trying improving the traffic safety. Physically and visually narrowing the street can help to reduce the speed of drivers.

How?

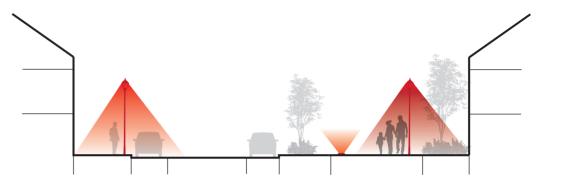
Physical narrowing and improving pedestrian movement can be done in various ways, trees and shrubs, street painting, urban furniture, or using creative ways to cover the street, e.g. umbrella project.



LIGHTING

Illuminating the neighborhood





Why?

Perceived safety especially from dusk till dawn is a point of concern for residents. Walking around the neighbourhoods with young children in the evening in badly lit places deters exploration and play after dark.

How?

Adding better street and floor lighting is a solution that can have immediate effect. Through the use of adaptive and LED lighting, neighbourhoods can create special atmospheres and increase safety. One could also think of creating an illuminated path (with various colours) along the child route, resulting in a pleasant route by day and night.

Scale Micro Compatible components Domain Spatial Image: Social media community Complexity Image: Old Compatible Components Image: Social media community Age group Image: Old Compatible Components Image: Social media community Age group Image: Old Compatible Components Image: Social media community Maintenance & awareness Image: Social media community

Theme(s) Social streets

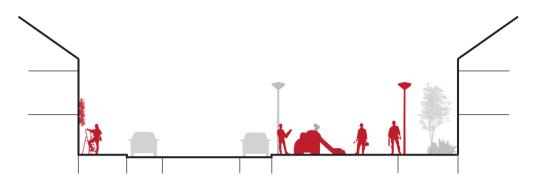
Example City Touch lighting, Jakarta (ID)



MAINTENANCE & AWARENESS

Keeping the neighborhood clean



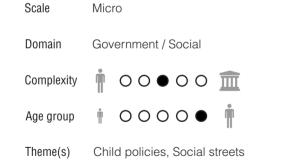


Why?

Concerns related to dirty and depreciated play equipment, pet faeces in play spaces, old sidewalks and general neglect of play equipment and play spaces can be deterrents to play. Clean streets, attractive open and green spaces, well maintained signs, buildings, and roads all contribute to high spatial qualities of a neighbourhood.

How?

Both the residents and governments can contribute to maintaining a clean neighbourhood. Municipalities can provide designated pet places, repeated maintenance of play equipment and the sidewalk (replace broken pavement tiles). Residents can individually or collectively actively contribute by maintaining the sidewalk in front of their house, picking up after pets, cleaning their yards or gardens, etc.



Example Buiten Beter application (NL)

Compatible components

Lighting

Social media community

Temporary street closure

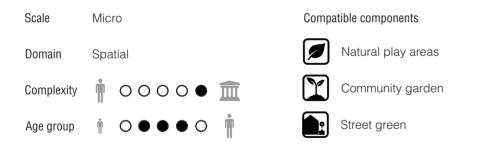
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LIVING SCHOOL GROUNDS

Bringing nature and play to school





- Theme(s) Contact with nature
- Example Green schoolyards America, Berkeley (USA)

Why?

Living school grounds are richly layered outdoor environments that aim to strengthen local ecological systems. They are also learning resources for children that foster exploration and adventure, and provide a wide range of play opportunities.

How?

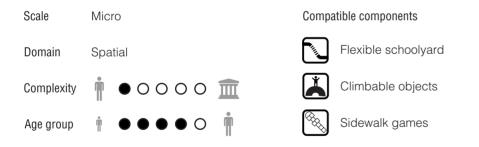
Greenification of the school yard is an ongoing trend around the world, which serves as a great example of facilitating the conversion of grey areas to green. This can be done through, natural carpets, boulders, tree trunks, mounds, and natural play surfacing. These can become diverse play environments and educational spaces.



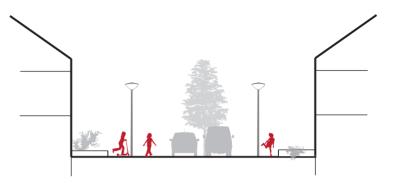
USE OF SEMI-PRIVATE SPACES

Play in an protected environment





- Multi-functional use of space Theme(s)
- Example Neighborhood Detective Public Space Cards, Barcelona (ES)



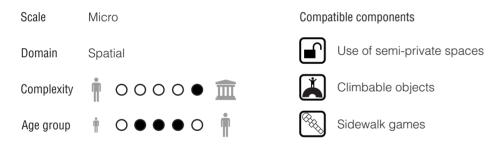
Why?

Semi-private spaces are transition spaces between private and public spaces. These can include, internal courtyards, lobbies, etc. The use of these spaces can be intensified by increasing possibilities for play, recreation and meeting. Importantly, these spaces can have good line of sight for the parents with younger children.

How?

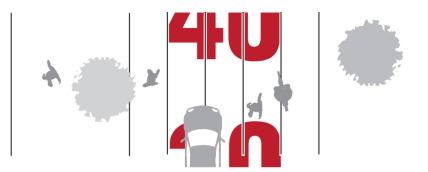
Semi-private spaces can be opened up for the residents of the neighbourhoods. Internal courtyards can become safe spaces for play for children. This can be done for example by, opening them at specific times during the week, creating a network of courtyards for alternate use.



FLEXIBLE SCHOOLYARDS A schoolyard that has flexible accessibility 

Theme(s) Multi-functional use of space

Example OBS Roombeek, Enschede (NL)



Why?

School yards are locations that are only used at certain times of the day and mostly only during weekdays. School yards have a potential to become much more than just playgrounds during school hours. For example they can be opened up for bringing and dropping of kids at school, play spaces in the weekend, etc.

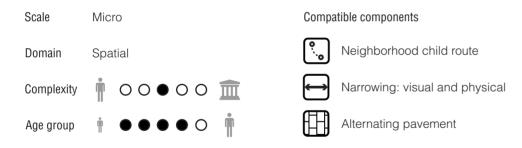
How?

An example of such a flexible solution is found in Roombeek (Enschede, NL). It is a shared space with multi-functional use: for picking and dropping of kids and as a playground that can also be accessed in the weekend. This requires collaboration between school authorities, parents and municipalities with regards to maintenance, safety, costs etc.

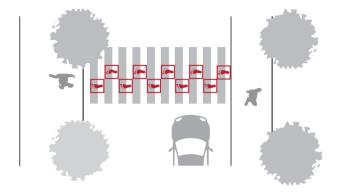


PLAYFUL STREET CROSSINGS

Cross the road in a playful way & increasing awareness







Why?

Mundane street crossings can become pieces of art or stories or even invite you to explore the wider neighbourhood. By creating interesting street crossings, neighbourhoods can increase their aesthetic appeal, benefit pedestrians and raise awareness.

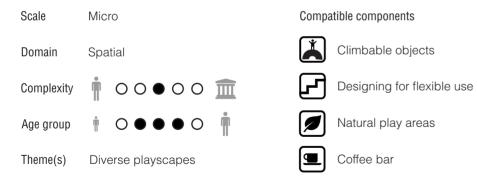
How?

Cities today are actively aiming to improve their neighbourhoods through a multitude of interventions. Streets crossings can be community projects, art installations by famous artists, or children's school projects. The scale and scope depend on its residents.



JUNK PLAYGROUND Playground for creative forms of play





Example Emdrup Junk Playground, Copenhagen (DK)



Why?

Originating in the mid-twentieth century in Denmark, junk playgrounds have gained global popularity. Encouraging undirected play and aimed at developing the 4C's, communication, collaboration, critical thinking, and creativity, these spaces are powerful learning environment.

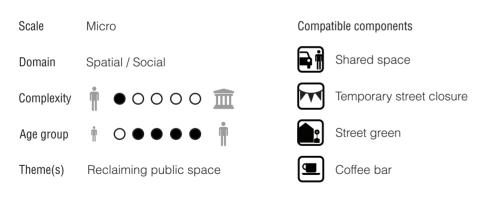
How?

Identifying an optimal location and creating a junk playground with minimum investment: junk, tools, physical space, and trained "play workers" will act as lifeguards. Old doors, lawn chairs, old exercise equipment, boats, wooden planks, sewage pipes, anything unused can become a part of undirected play.



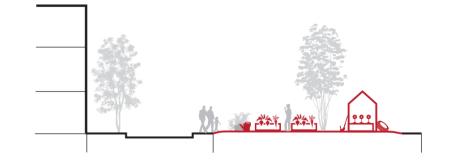
COMMUNITY GARDEN

Reclaiming space through urban gardening



Example Hortas Cariocas, Rio de Janeiro (BR)





Why?

Community gardens are lands that are gardened collectively by a group of people. Generally developed in unused land and space, community gardens aim to raise awareness of food production, health and wellness while also performing educational functions for children and adults.

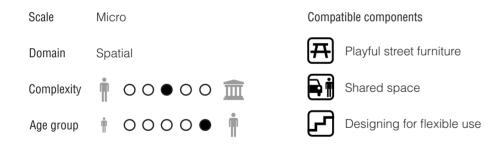
How?

Identifying a group of people in the neighbourhood interested in creating community gardens, outlining available resources, identifying a possible locations, organizing the process, identifying the role of children in gardening, and creating a vested community.



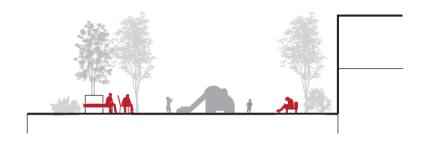
B SEATING POSSIBILITIES Have a seat while watching the children play





Theme(s) Services for childminders

Example Salamander Playground, Quebec (CA)



Why?

Parents are mostly not as active as their playing children, and seating can make the wait comfortable. Seating can have multiple purposes, spaces to wait, meet other parents, can also act as climbable objects, etc.

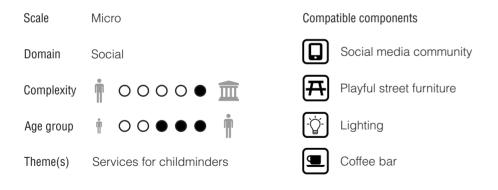
How?

Larger seating elements can be provided by the municipality or neighbourhood boards, like benches or picnic tables. Seating can vary from a luxury chair to just a stone wall at the edge of the playground. Simpler options include collecting a few folding chairs and placed around play areas or even bringing your own folding chair to the park!



Free use of Internet





Example Brisbane Parks, Brisbane (AU)

Why?

While children enjoy the playgrounds and make new friends, parents watching their children can use this time to catch up on work or the news, or check social media. This creates amicable waiting environments for parents, and can further encourage the use of neighbourhood spaces by different ages.

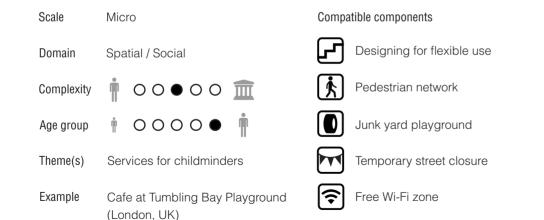
How?

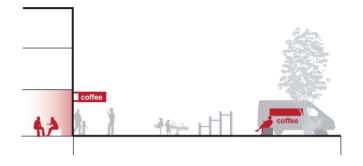
By creating Wi-Fi hotspots around child-oriented places that provide free use of Internet fits into a number of urban agendas. While these facilities are provided by municipalities, encouragement by the residents can push these ideas. Providing services in multiple locations can initiate more frequent use of outdoor spaces.



COFFEE BAR Refreshments for parents and children







Why?

Our research showed that when thinking of play spaces the interests of childminders are often overlooked. Playgrounds can be designed as multi-functional spaces that do not only allow for play but also serve a location for informal gatherings. Public places like café's, food trucks etc. can provide an excellent opportunity for childminders to meet and enjoy a cup/ snack while waiting for their children.

How?

Providing a coffee pick up point or a terrace that overlooks the children playing can make playgrounds much more attractive to childminders. While accompanying their children they can have a cup of coffee and chat up with other parents or other interested residents. By providing opportunities to drink or eat, it encourages people to spend more time at the playground before going home.

MESO SCALE

An intermediate level of interventions at the district or neighborhood level

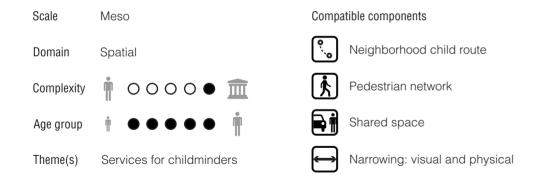




STROLLER FRIENDLY STREETS

Easy accessible streets for strollers





Example Global Street Design Guide (Global)

Why?

Research showed that navigating through the neighbourhood with a stroller can be problematic. The sidewalk can be filled with obstructions like garbage containers and bicycle racks. Absence of slopes on pavement can also decrease the accessibility of the streets.

How?

Removing unnecessary objects can help to reduce the number of obstacles with neighbourhood walkways. Furthermore a flat surface with lowered sidewalk curbs can make walks with the stroller easier. Conditions like these also benefit children with roller-blades and wheelchairs for example, and older demographies.



Scale

Domain

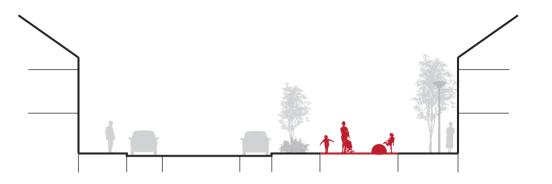
Complexity

Age group

NEIGHBORHOOD CHILD ROUTE (<u>?</u>

A safe traffic route that connects facilities for kids





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Safer streets, Child policies Theme(s)

Kindlint, Amsterdam (NL) Example

Meso

Spatial

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Compatible components

Playful street crossings

Alternating pavement

Family friendly city strategy

Stroller friendly streets

Pedestrian network

Why?

A safe route for children that encourages independent mobility through the neighbourhood is often missing. Schools, play areas, the park for example are spatially disconnected from each other, creating a barrier to go independently from one to another for children.

How?

The Kindlint in Amsterdam and Eindhoven are examples of neighbourhood child routes. It includes, painted sidewalks and streets, sidewalk games, climbable objects, greenery, narrowing of streets, creating a safe route for children to move independently through the neighbourhood.

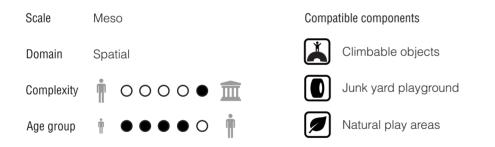
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DESIGNING FOR FLEXIBLE USE ᡔᡗ

Diversification of playgrounds





- Theme(s) Diverse playscapes
- Example Katanning all ages playground, Katanning (AU)

Why?

Designing playscapes for various abilities rather than age, can include elements for both younger and older children, without being prescriptive on age or who uses what. By being flexible on the design of various elements, settings, context, available facilities, playscapes can cater to multiple ages (young children to young adults).

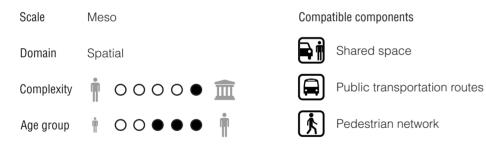
How?

Identifying current and future needs of the community is key. Playable spaces are many, and can include formal and informal features where needs of all users are respected and accounted for. Specific elements include: creating boundaries, inclusive play equipments, planting, surfaces, etc.



CYCLE ROUTES 540

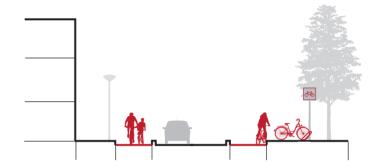
Creating cycling routes through the neighborhood



Theme(s) Easy access

Example CycleCities project, Lisbon (PT)





Why?

Providing space for cycling creates efficient and attractive places to live, and many cities around the world are capitalizing on the resurgence of the cycle. Offering attractive streets-capes, alternate mobility options, economics of land, inclusiveness, healthy lifestyles, the benefits of cycling are many.

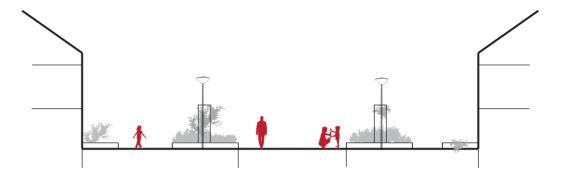
How?

Creating cycling routes through neighbourhoods and cities can be done through various ways. Some important factors include, making space for cyclists, identifying user needs and experiences, taming traffic, visibility, becoming a part of the urban street network, separating traffic, technical requirements of the path, signage, and maintenance.



PEDESTRIAN NETWORK Linking slow traffic in the neighborhood 

Example Pedestrian Network Analysis Project, Portland (USA)



Why?

Traffic safety and the relation between children and automobiles is a reoccurring topic of concern. An often mentioned improvement is to make streets car-free. One way to do this is complete separation of the two by creating zones only designated for slow and specific times for fast traffic. The pedestrian street is an example of such a design intervention.

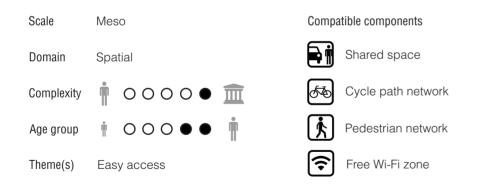
How?

The pedestrian street provides a conflict free zone in front of the house. Entrances to the houses are located directly on the street. Young children can specifically benefit from this as they can play directly in front of their home. Creating space for vibrant family-friendly activities on streets.



PUBLIC TRANSPORTATION

Public transport adjusted for children's destination



Example Julie © (Creative bus stops, various cities in the Netherlands)





Why?

Development of an adequate and accessible public transportation system is essential for achieving regional sustainability. Family friendly infrastructure needs to include access to amenities within and outside the neighbourhood, and public transportation can play a key role.

How?

Access to various facilities and activities aimed at children and their parents can be supported by a network of public transportation and bus stops close to these activities. Creative bus stops can make street-side waiting fun for families with children and create more inclusive neighbourhoods. These can also act as markers as signage for child-friendly activities.

MACRO SCALE

The highest and the most complex level of intervention at the city level





Scale

Domain

Complexity

Age group

FAMILY FRIENDLY CITY STRATEGY Î

Macro

Designing the city and its public space with children in mind



Neighborhood child route

Encouraging child participation

Theme(s) Child policies

Example Child Friendly Strategies, familyfriendly housing, Vancouver (CA)

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Why?

Cities are growing in attraction for families with children, renewing interests in child geographies. Cities are now responding to this growing trend by actively looking at family friendly developments. Though there is a long way to go to create family friendly cities, incremental shifts can create more awareness.

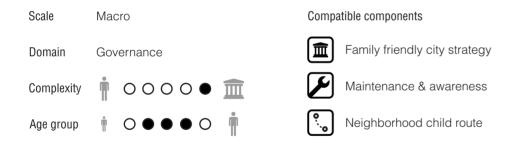
How?

A family friendly strategy starts with various public and private stakeholders; governments, developers, NGO's, residents. Strategies can take various forms, Rotterdam (NL) is a successful example in developing and evaluating Child Friendly Cities, creating child-friendly housing estates as seen in Vancouver (CA). Incremental steps towards a larger strategy can enable Child Friendly Cities.



ENCOURAGING CHILD PARTICIPATION

Creating places that belong to children by children



Theme(s) Child policies

Example City council for kids, Tirana (AL)



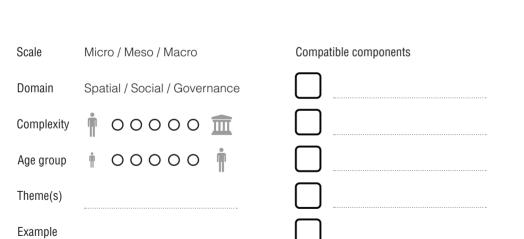
Why?

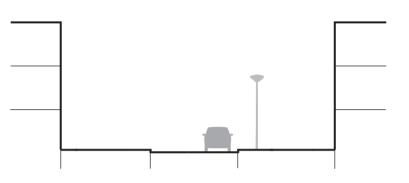
Children are often overlooked when it comes to decision making. Adults decide for children what needs to be done or how it should look like. The rich local knowledge of children and families often remains an untapped source of information.

How?

Cities can apply precise policies to make the involvement of adults and children an inherent part of the planning process. Urban design can also benefit from the involvement of children. Designers asking children what their environment should look like can result in fruitful and creative outcomes, maps, stories, visuals, etc. invisible to a general observer. 31

Create your own intervention!





Why?

How?

80

81



Urban design toolkit

To promote child-friendly urban environments, this toolkit provides a wide array of design interventions to develop more inclusive play spaces. By mixing and matching ideas ranging from the street to the neighbourhood, DIY solutions to more elaborate urban interventions, it is a guide to creatively engage with planning for child-friendly environments.







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