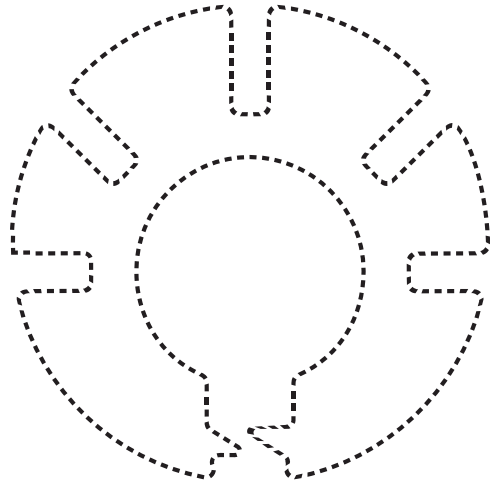
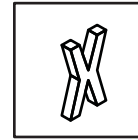


KVAS



The logo and icon was designed to be used as a stencil, cut out along the dashed line and apply it to your project.



MOVEMENTS

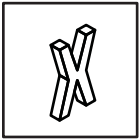
Listed below are a few examples of movements and campaigns that have been gaining traction.

Urban Gardening

Create an abundance of food for people in need by supporting and encouraging the establishment of gardens on unused land and space while increasing diversity and raising health awareness around the globe.

Urban Planning

A technical and political process concerned with the welfare of people, use of land, design of the urban environment including transportation and communication networks, and protection and enhancement of the natural environment.



PROBLEMS

Listed below are a few simple potential problems that might be observed. These might help you devise new ideas for what other uses the Chable or other objects might have. Consider how furniture activates, defines, and transforms space.

Eating outside

Condition:

People are eating food outside a restaurant on the curb or stairs.

Problem:

High traffic areas are being blocked by people stopping and eating food from restaurant.

Sitting on curbs

Condition:

People gather and socialize on street curbs.

Problem:

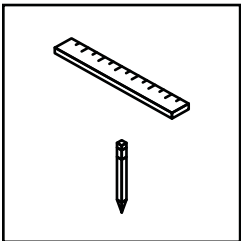
Dangerously close to street traffic.
Not comfortable.

INTRO- DUCTION

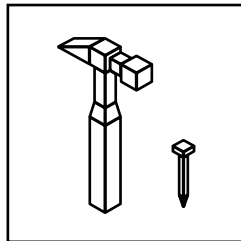


ABOUT KVAS

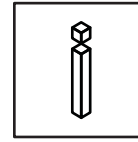
Project Kvas is built around the process of being inspired from example, learning by building, and changing through design. People can create modular and accessible objects – primarily furniture – from found, repurposed materials to inspire positive change in communities through tactical urbanism and design.



DESIGNING FOR CHANGE



BUILDING TO LEARN



RESOURCES

Books

“Guerrilla Furniture Design”

by Will Holman

A trove of unique designs, material physics, logic, and unique joinery systems.

“Autoprogettazione”

by Enzo Mari

Extremely simple, yet clever, assembly methods using only two different dimension wood, hammer, and nails.

“How to Build Your Own Living Structures”

by Ken Isaacs

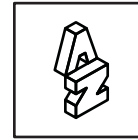
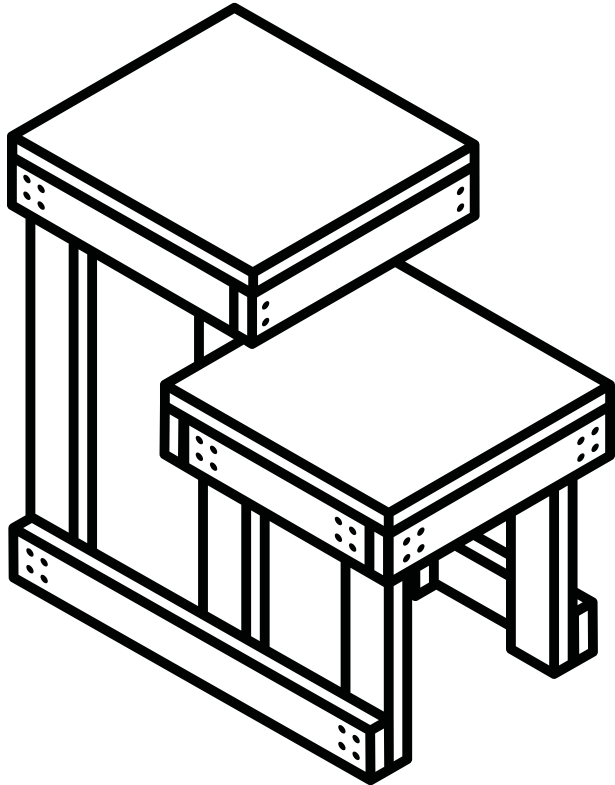
Creating a livable space from a scalable matrix, that is multifunctional and modular by design.

Website

“OpenStructures”

A system of modular parts designed by people for people in a shared grid. Interesting kit of parks with an exponential growth of uses.

FINISHED



KEY TERMS

Tactical

the approach to neighborhood building that uses short-term, low cost, and scalable interventions and policies to catalyze long term change.

Urbanism

the study of how inhabitants of a urban area interact with their built environment. Also associated with the development and planning of cities and towns.

DIY

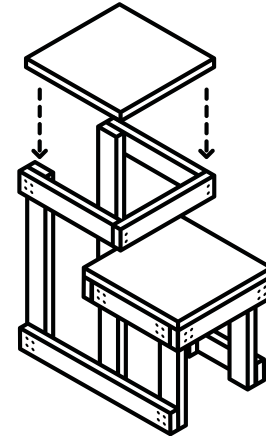
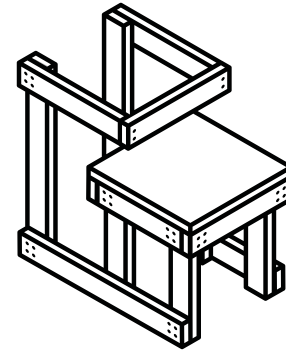
Do it Yourself. The act of designing, building, repairing, and modifying without the direct aid of professionals.

Intervention

the act of moving between events in order to prevent or alter a result or course of events.

INSTRUC- TIONS

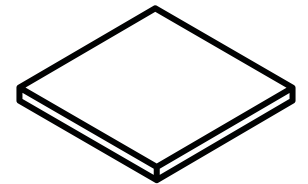
07



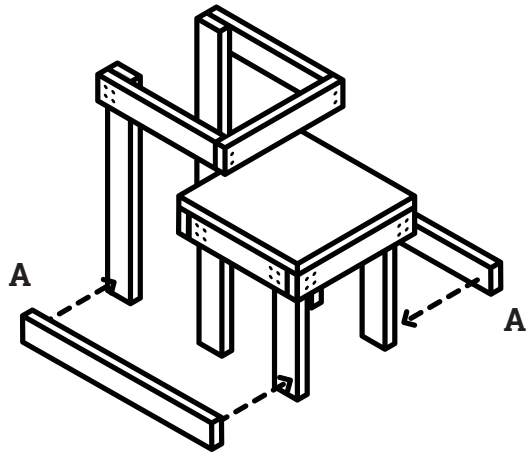
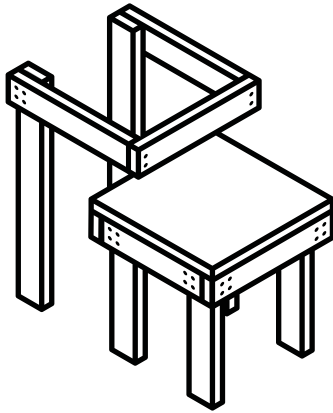
Once the sections are attached, attach the cap to the table section just as you attached the cap for the stool.

Congratulations, you've completed the Chable! Use it however you'd like and remember, you can always add on to it!

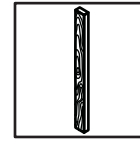
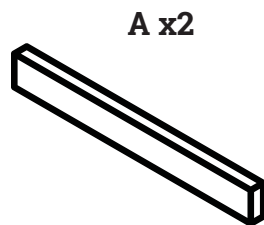
D



06



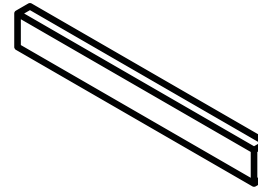
Now that we have two sections, we're going to connect them with two A dimensions, one on each side. Join to at least two sides of each section, and if you'd like you can attach to all of the stool legs.



MATERIALS

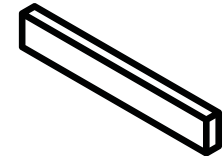
With this project, we will be using one dimension of lumber with three different lengths. You'll notice below the different materials that I used to create this project. As this project is intended to be modified, use any materials that suit your project. The materials are listed below with their thickness x height x length.

A



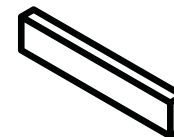
1.5" x 3.5" x 30"

B



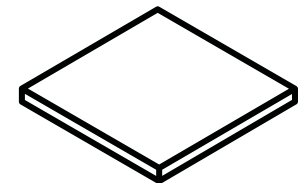
1.5" x 3.5" x 18"

C

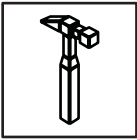


1.5" x 3.5" x 15"

D



1.5" x 18"

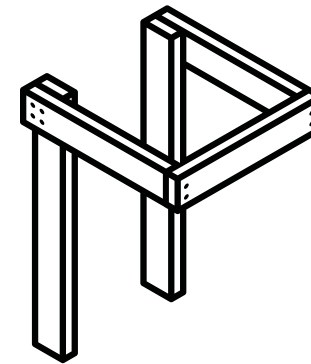
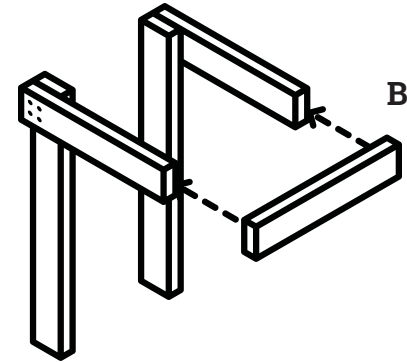
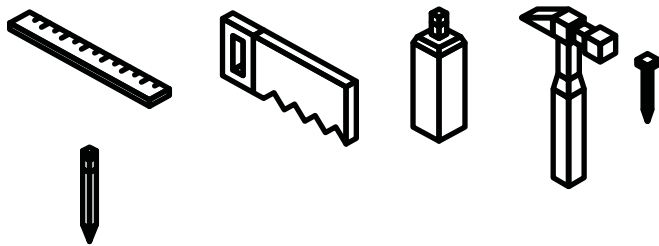


TOOLS

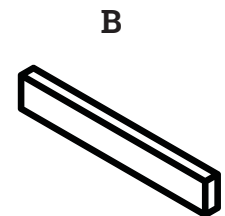
There's a whole range of tools that can be used for this project and it has been designed to enable you to use hand tools, such as the handsaw or hammer, or you can use power tools if available.

Nails, screws, or any other joiner would be recommended to build. If you are using the same dimensions of lumber for this project, you'll want to use shorter than 3" nails or screws - anything else will be too long and can prove to be dangerous.

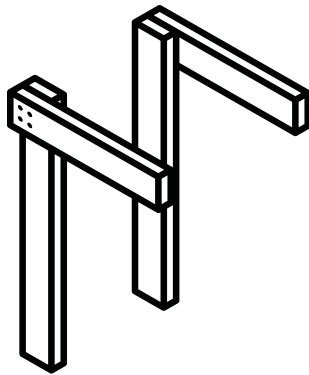
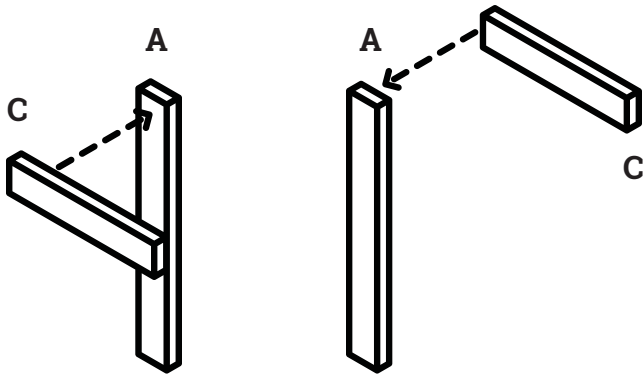
Remember to always measure twice before you begin cutting or assembling. Working with wood is unforgiving and a mistake is difficult to work with. If that were to happen, remember you can always create something new from a mistake.



Take a B dimension and connect the two sections by the horizontal ends, creating a partial box. Ensure everything is flush. If it is difficult to construct as visualized, try to attach them upside down, to work with the "L" dimensions.



04

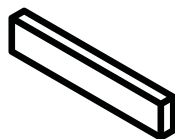


Take two A and two C dimensions and place the horizontal C in the corner of A in order to create an "L" shape. Once the ends are flush, join together. Create a mirror version to ensure the horizontal C dimensions always face out.

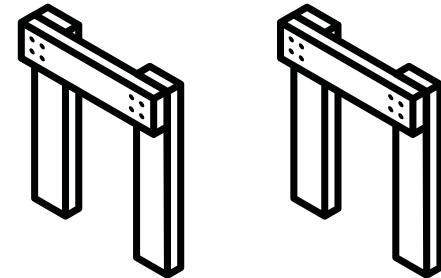
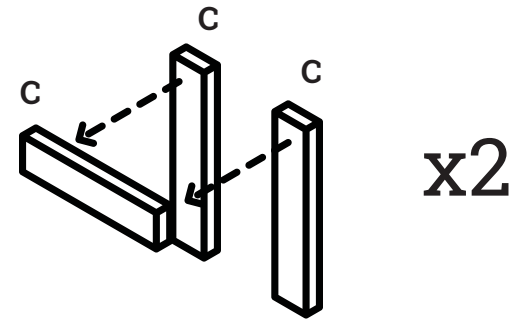
A x2



C x2

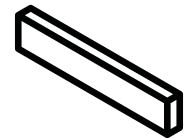


01

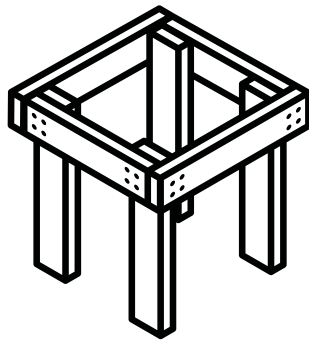
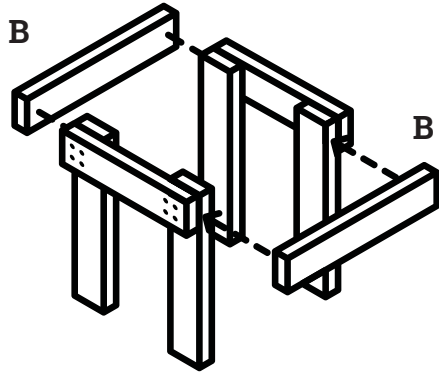


Taking three C dimensions, - two vertical and one horizontal - place the ends together and ensure that they are square and join with screws or nails. Create a total of two copies.

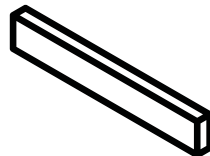
C x3



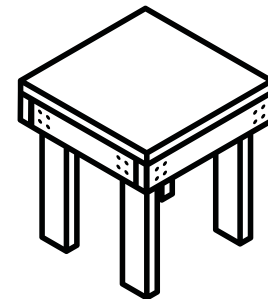
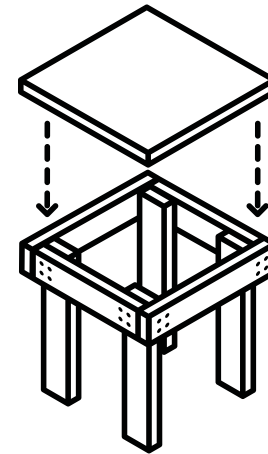
02



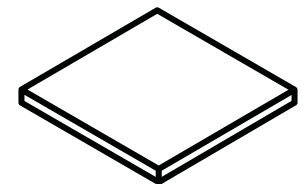
Take the two parts from the previous step and square with the top to form a box. Ensure that all of the ends of the B pieces are flush without any hanging. Join into the sides vertical pieces and into the ends of the horizontal pieces.

B x2

03



Take the cap and place on top. Again, ensure that there are no overhanging edges and join into the horizontal boards. Instead of using an entire board for a cap, try multiple boards spaced evenly across the top. Find what works best with you.

D

You've now completed the stool part!