

Build it - Float it - Fly it[©]



Basic Instructions

The Language of ÜberStixTM

DECLASSIFIED



Vol. 1



ÜberStix™ are engineered to work with recycled materials, i.e. McDonald's® straws, Popsicle® sticks, paper cups, paper clips, water bottles etc... so everyone can build with unlimited creativity.

Überstix™ are engineered to mate with all major build systems , i.e. Lego®, KNeX®, Erector®, Zoobs®, Zome® etc... so you can integrate parts you may already have.

All construction systems listed above have individual copyrights protected by law and have registered trademarks accordingly. McDonald's® is a registered trademark of the McDonald's corporation. Popsicle® is a registered trademark of Popsicle® Industries

Within this booklet are many variations of connections and parts. Each section begins with a red dot. ●

Make sure when you connect ÜberStix™ that you hear a “click” sound. This tells you that the connection is solid! Please note Colors shown are for demonstration purposes only. Colors may vary.

Sections

● **Qüark™**

● **PirateStix™**

● **LocHub™ BirdHub™ IStix™ CubStix™**

● **Joints & Hinges**

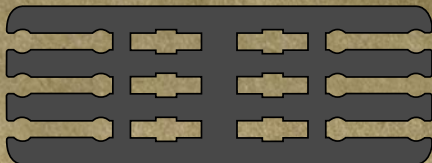
● **Cross-bracing**

● **PopStix™**

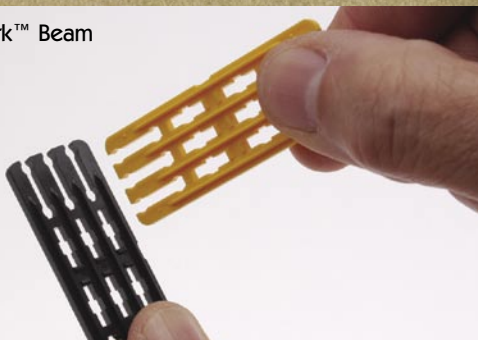
● **Bottleneck™**

Also don't forget to check out the modification pages (36-39) for cool ways to rebuild broken stix.

Qüark™ This section focusses mainly on Qüarks, but you will see others.



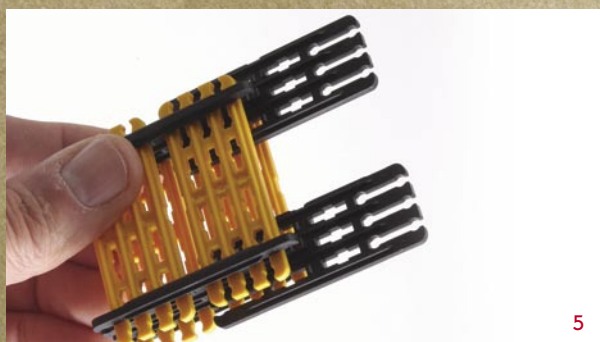
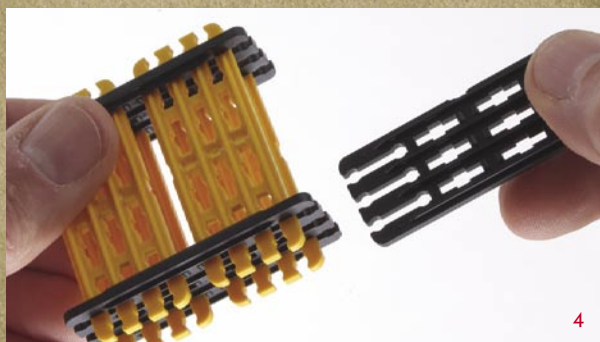
Qüark™ Beam



1



2





 Qüark™ Tower



3



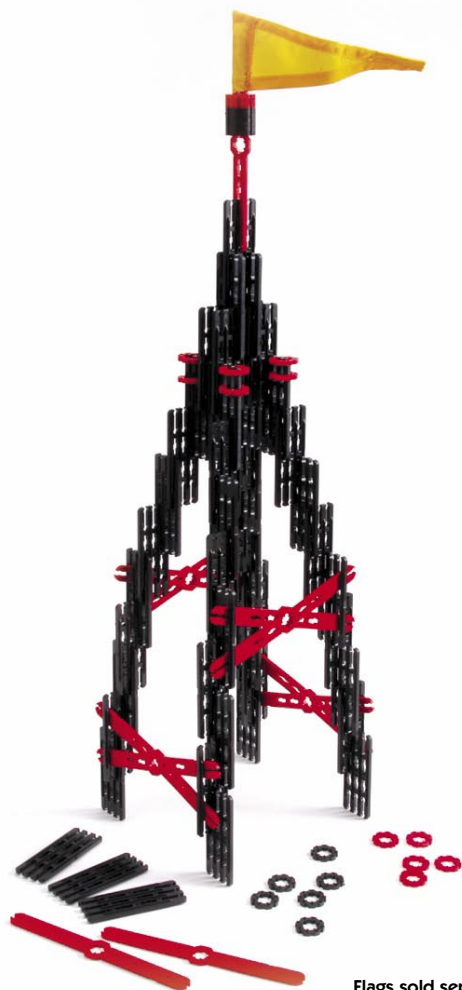
4



5



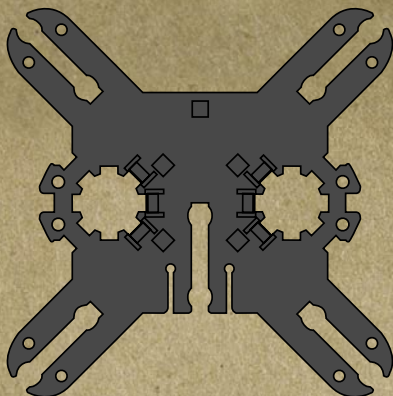




Flags sold separately

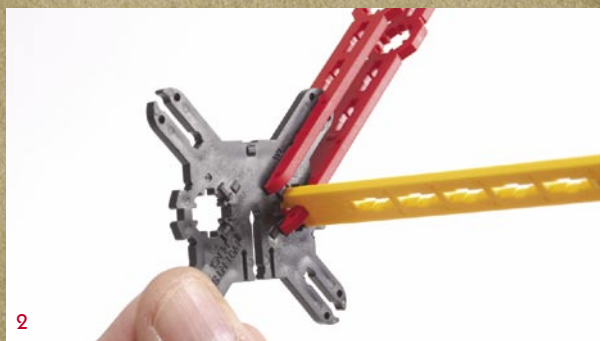
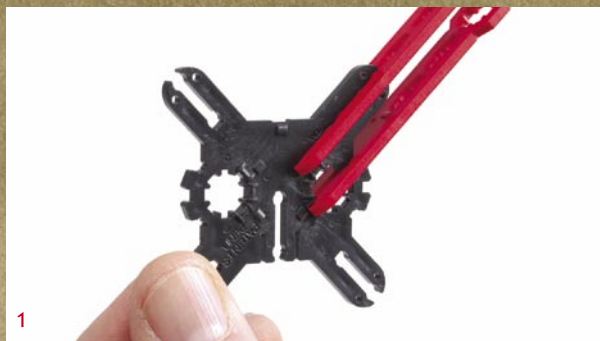
PirateStix™

What can you make?



PirateStix™ Basics



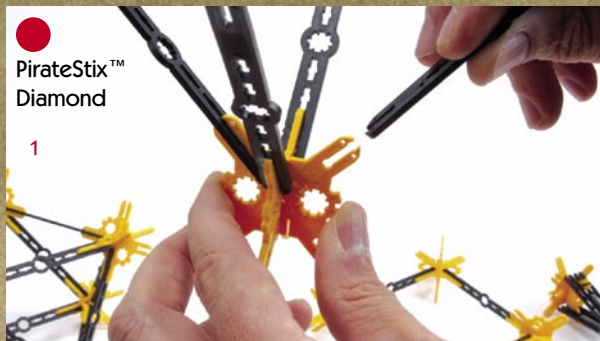






PirateStix™
Diamond

1

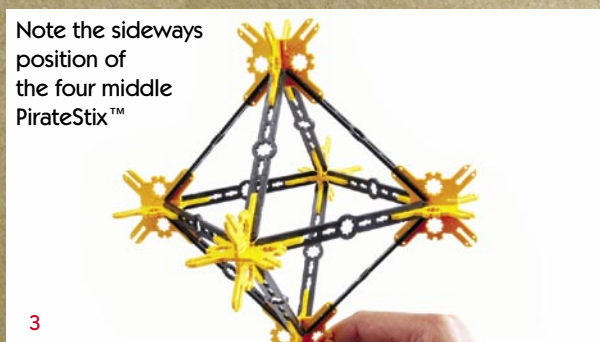


2



Note the sideways
position of
the four middle
PirateStix™

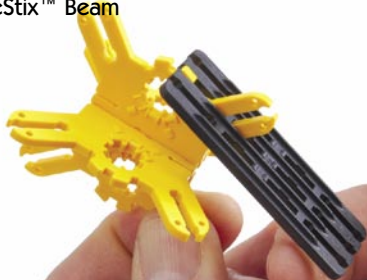
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PirateStix™ Beam

1



2



3





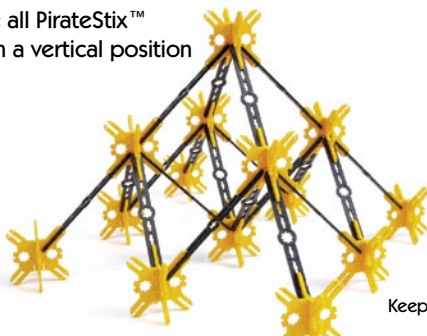
PirateStix™ Pyramid

1



Note all PirateStix™
are in a vertical position

2



Keep building!

Use McDonald's® straws
and keep going!

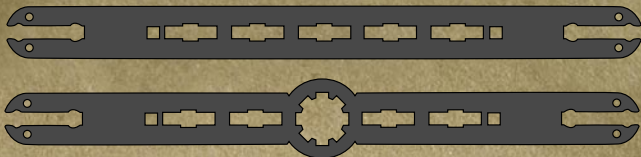
3



LocHub™ BirdHub™ IStix™ CubStix™

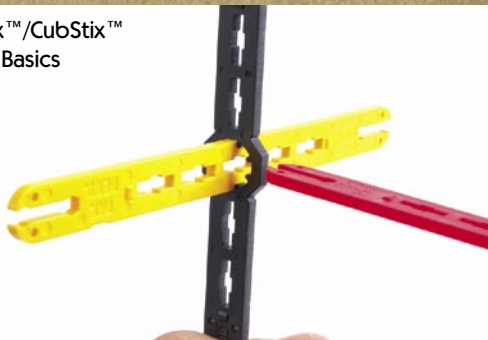


Use these to lock stix together, to decorate your designs or as ammo for catapults!



 IStix™/CubStix™
Loc Basics

1



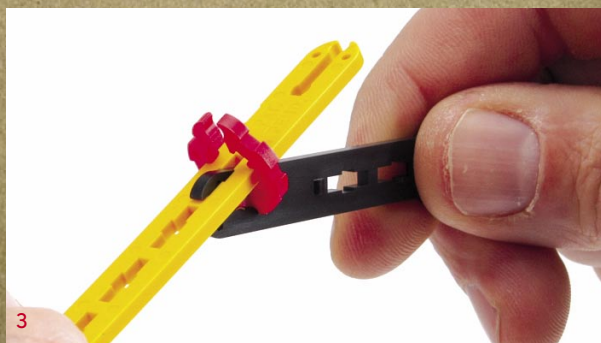
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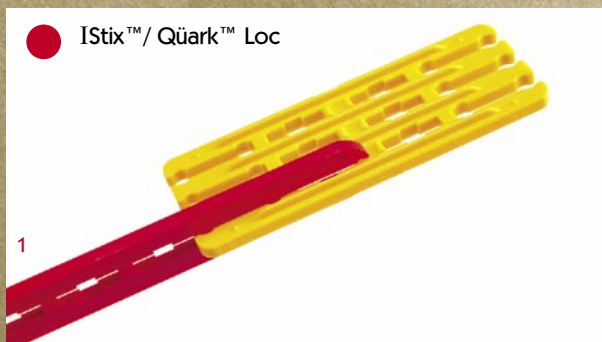
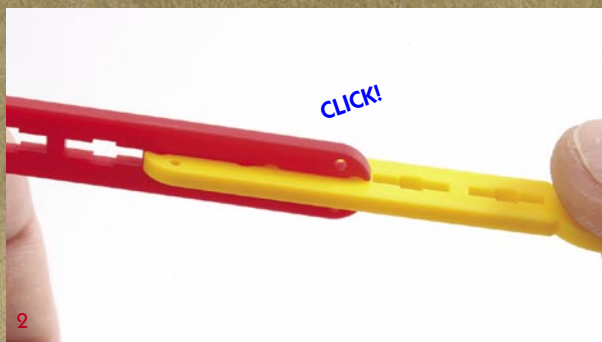
IStix™ Hinge
Loc Basics





IStix™ / CubStix™ Loc





2



3

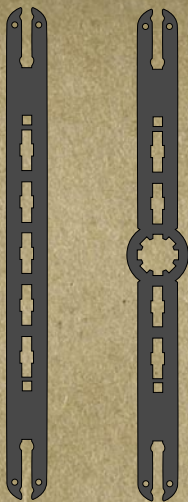


This subassembly is not as easy as it looks. Take some time to figure this out. You will be amazed at the strength it has!



LocHubs™ look cool and secure the connection!

Joints & Hinges



Joints are great moveable wonders that can be made into solid connections by adding more stix. Use your imagination to figure these out. Here are a few to get you started.

Remember to listen for the "click"



Qüark™ Joints



2



3



4





Here are a few different connections.
What can you come up with?



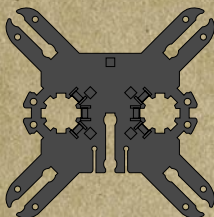
Cross-Bracing 101

In order to Build Big™ You'll need the basics.

Cross-bracing in building construction allows you to build stronger to support weight, shear strength and stability.

Cross Bracing= Shear Strength
Shear Strength= Stability
Stability= Bigger, Taller, Cooler Structures

Here are few ideas to get you started!



Pirate Cross-Brace

Look closely
at the way these
are different



1

They will make different bracings.

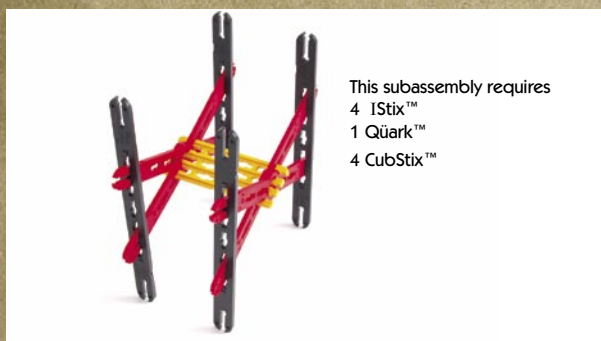


2

Istix™/CubStix™ Cross-Brace

1







How high
can you build!
See if you can reach
the ceiling!

PopStix™



ÜberStix™ is designed to integrate with everything from water bottles, Popsicle® sticks, egg cartons, McDonald's® straws, paperclips. Do you remember reading this in the front of this booklet?

The PopStix™ is designed to fit on the end of Popsicle® sticks. They also work together to build intricate shapes, bracings, as extenders to other sticks and make killer bases and platforms!

Sizes of Popsicle® sticks vary.



● Proper fit

Relationships are key when it comes to understanding ÜberStix™. Use a secondary Istix™ and place into the closest slot towards the end as shown.

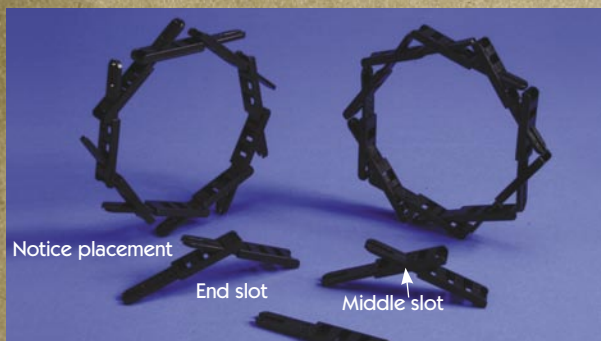
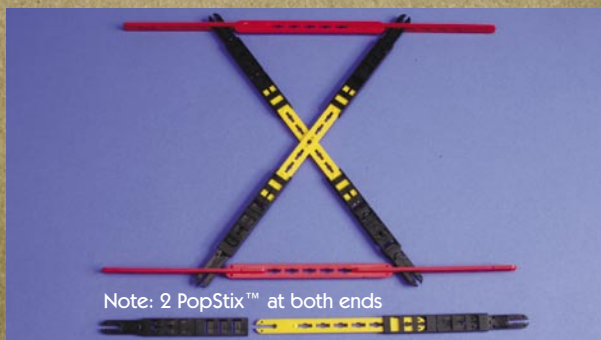
1

Next, slide the PopStix into place until it hits the secondary Istix™. You will notice that it doesn't go on all the way. That's OK. This will maintain the relationships between the ÜberStix™ building system.

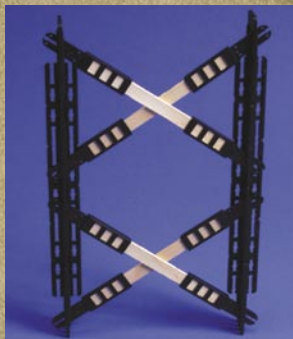
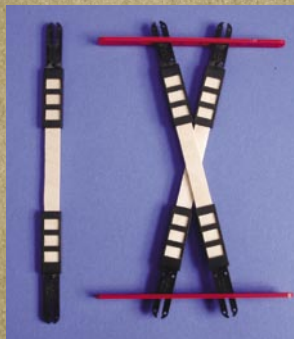
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Remove secondary Istix™ and that's it! Now keep building.

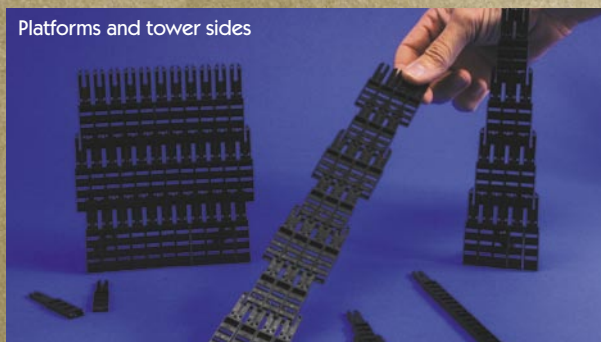
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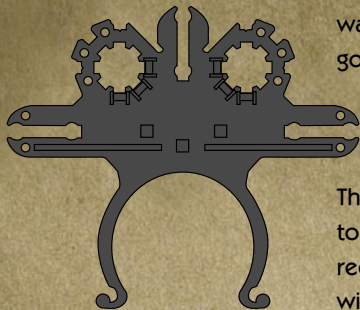
PopStix™ just look cool!



Platforms and tower sides



BottleNeck™



ÜberStix™ is designed to integrate with everything from water bottles... Oh yeah, you got that.

The BottleNeck™ is designed to fit around the necks of recycled bottles. It works with most pop bottles, water bottles, juice bottles - large and small, ketchup bottles and shampoo bottles. Try as many possibilities as you can hunt down.



Use bottles as flotation devices for ships and boats, or fill them with water and use them as sturdy heavy bases for sky-touching towers and bridges. Use a rubber band to secure the fit then build up, out or which ever direction you choose.







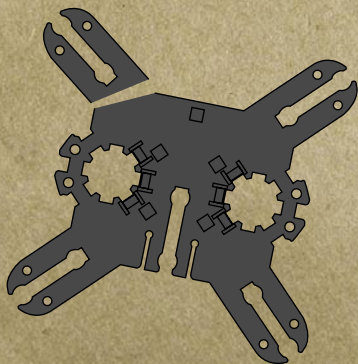
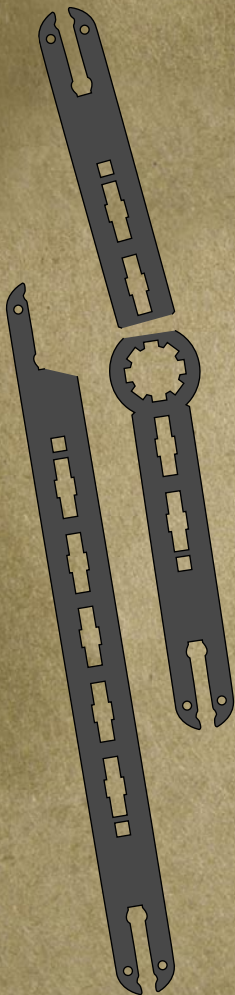
Modification

What do you do if you break an ÜberStix?

A. Cry like a baby. Or...

B. With adult supervision, use a pair of nail clippers to trim the broken part to create a new part. Use a nail file or emery board to file down and smooth out edges.

There are structures you can build with modified ÜberStix that you cannot build otherwise. Pretty cool huh?!!



Modifications



You can't build either of these rings without modified ÜberStix™



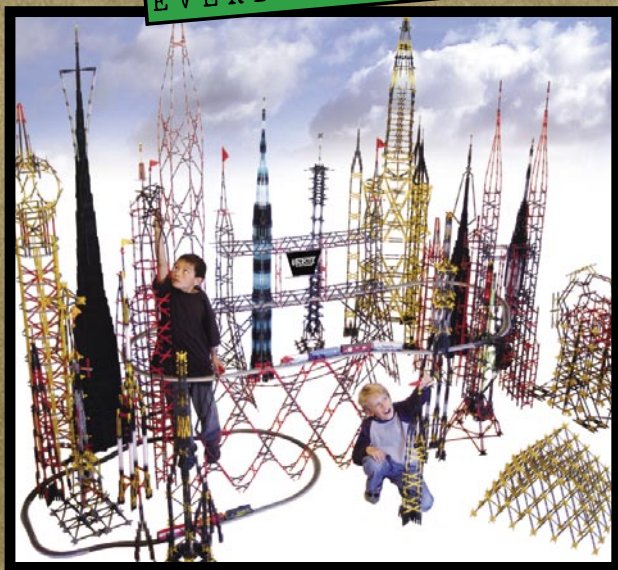
Modifications



Modifications



Build it - Float it - Fly it[®]
ÜBERSTIX[™]
EVERYONE BUILDS[™]



Download free instructions from
uberstix.com to build super-cool models.

www.uberstix.com