

WHALE WORKSHOPS
Street Arts 2020

Cardboard

Construction Manual

EXPERIMENTAL SCULPTURE EDITION

Cardboard Construction

Welcome to the Street Arts @ home Cardboard Construction Manual. This manual will be your guide on how to build with cardboard using everyday materials you can find around the house.

What's this manual for?

This manual is not for telling you what to make, but about how you may go about making it. Your ideas will be better than mine - believe me!

Lets get Started!

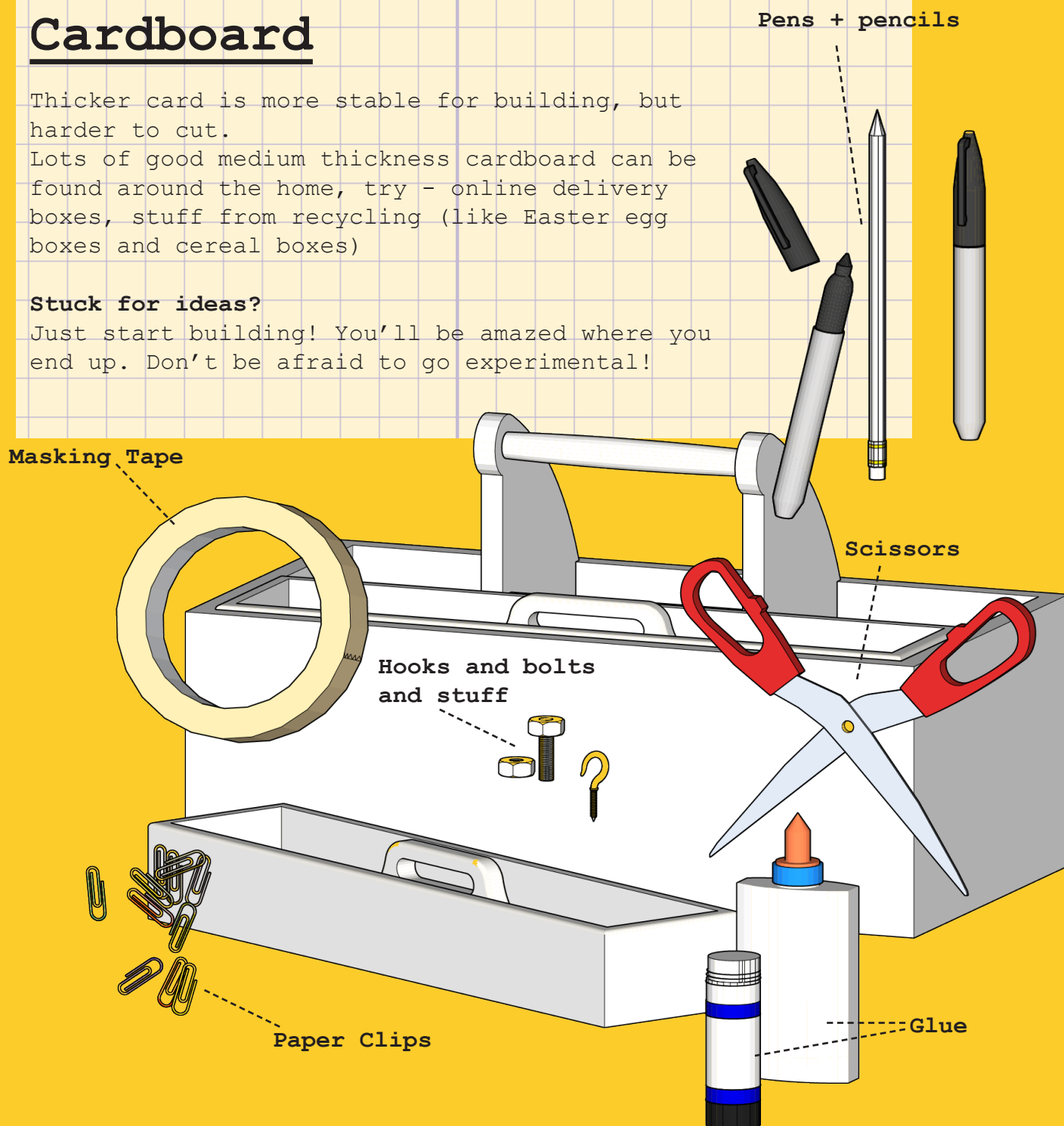
Cardboard

Thicker card is more stable for building, but harder to cut.

Lots of good medium thickness cardboard can be found around the home, try - online delivery boxes, stuff from recycling (like Easter egg boxes and cereal boxes)

Stuck for ideas?

Just start building! You'll be amazed where you end up. Don't be afraid to go experimental!

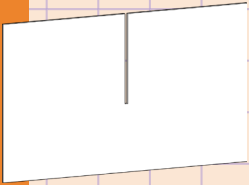


Slot Building

Slot building is a great and simple way to start building in cardboard. No need for glue, just a pair of scissors!

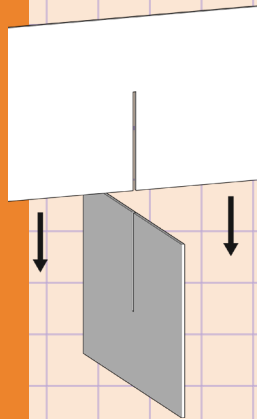
STEP 1

Cut a slot in one of the pieces card you want to join. This should go about 1/2 way down from top to bottom



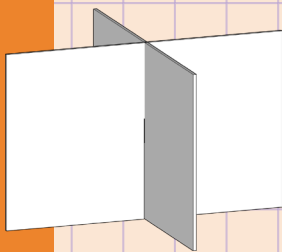
STEP 2

Repeat step 1 on the second piece of card you want to join, but this time cut from bottom to top. Line up the slots and slide them together.

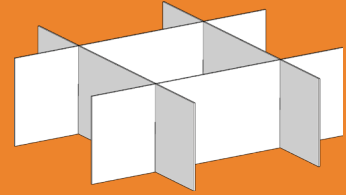


STEP 3

Make sure to push them right down. Done! Now Repeat to build Your sculpture



Going Big?



Making a really stable base makes it easier to build high.

Put 2 slots (in the same place) on 4 pieces of card and join them like this ^ to make a stable foundation for your sculpture.

NO GLUE!

Top Tip

Slot Building doesn't work as well with thinner cardboard, so choose something thicker if you have it

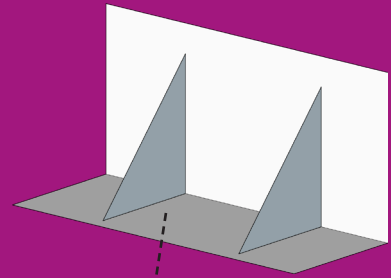
Cardboard Tube -----

Old pizza box



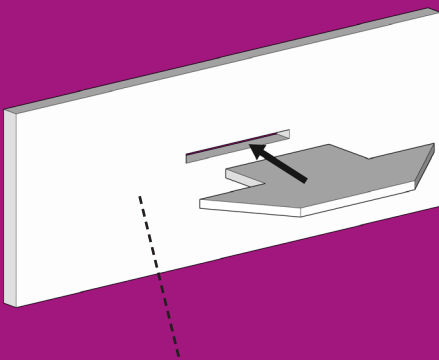
Advanced Construction Methods

Now that you have mastered slot building, lets expand our cardboard sculpting techniques. Can you build a sculpture with them all?



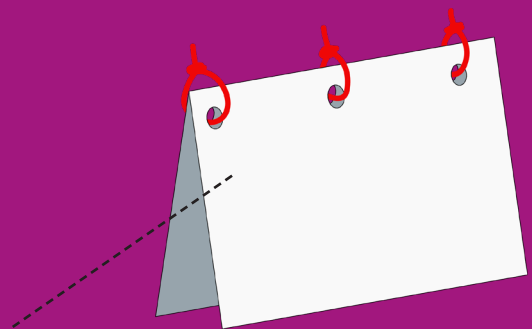
Supports

Glue/stick cardboard triangles On right angles to make your construction more solid



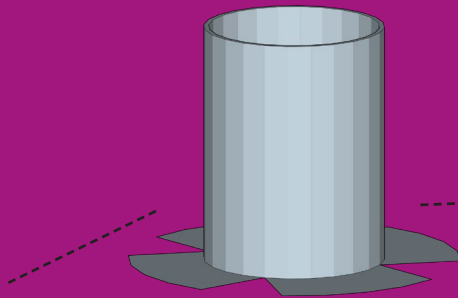
Insert

Cut a hole and slot the cardboard into it



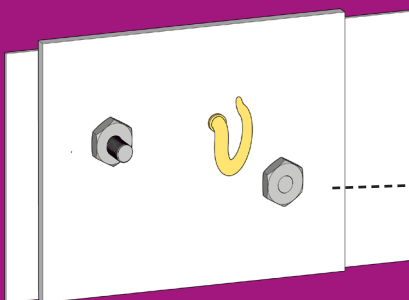
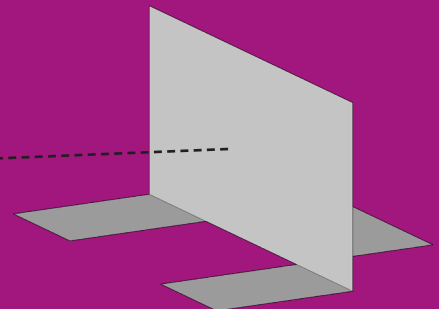
Tie

Make holes in multiple bits of cardboard and tie them together. You can use string or wrap around unbent paper clips



Tabs

cut and fold bits to Both sides then glue them down



Nuts and bolts etc.

Just because it's cardboard doesn't mean we can't use real building materials. Have a look and see what you have!

Use nuts and bolts to join pieces. You may have other hardware you can use like hooks. Screws and nails are less useful as very sharp and will stick out the end. Also check whether you are allowed to use it!

Careful with sharp things!

PAINTING + DECORATING

Priming

Cardboard can be quite absorbant. 'Priming' is a special coat we apply before decorating to help seal the surface, making it easier to decorate later.

Also as cardboard is often grey or brown, priming can help the colours applied after look stronger and brighter.

Priming Materials

- Cardboard sculpture
- Paint Brushes
- Dust sheet or newspaper to protect the surface from mess
- Old cups or jars

What to Prime With?

- Watered down PVA Glue(not super-glue!)
- Old house paint (ask before you use)

Finished with priming? Lets Decorate!

Decorating

While not possible with all models, it is sometimes its easier to take apart your construction and paint it in bits, Re-assembling when they are all dry.

Materials

Acrylic paint, pens and pencils, stickers - its up to you. Often there are cool patterns on the cardboard itself that are worth keeping.



HAVE FUN
+
SEE YOU
NEXT
TIME!