Meet & Greet

• Please tell us about yourself

• What you love most about teaching

• What your goals are for today’s workshop
10 Reasons for Choosing Corrugated Cardboard:

1. Low or no cost for materials; yes, you need craft knives and scissors.

2. 100% recyclable; environmentally friendly.

3. “Mistakes” are not threatening; this encourages students to try new ideas.

4. The unit can be shortened or lengthened according to your time constraints.

5. Promotes problem solving skills and how to overcome frustration.

6. Students are functioning at a higher level of thinking and processing.

7. Makes working 3D less intimidating.

8. Students feel a great sense of accomplishment.

9. Material exploration is a necessary step in working with any material 2D or 3D.

10. Students learn to look closely at complex forms in order to distill them to simpler, yet sophisticated forms.
3D Cardboard Animal Jigsaw Puzzles
First, let’s learn a little bit about Corrugated Cardboard.
Several universities and colleges offer four-year degrees in **packaging science**, and students can often elect to specialize in the corrugated packaging industry.

For more information email icpf@aiccbox.org

http://www.aiccbox.org/Industry/industry.asp
How is Corrugated Cardboard Made?

https://www.youtube.com/watch?v=6i9riKvOYkM
Just Cardboard!

You entire project will be made out of corrugated cardboard.
* No Tape
* No Glue
* No Staples
Heads are great, but we want to make the whole animal!

http://www.alrdesign.com/blog/uploaded_images/cardboard2-789265.png
I WANT YOU TO RECYCLE
3D Plywood Animal Jigsaw Puzzles
Employment opportunities for new graduates across the U.S. Over 1,200 corrugated manufacturing and design facilities promote innovation and provide new careers in almost 1,000 U.S. cities and towns.
Let’s get started!
Remember...

Just Cardboard!
kinkajou

front view face
kinkajou

front view face

claw details
Explore the Possibilities of Corrugated Cardboard!
Requirements:

1. It must look like your animal
2. It holds together without adhesives
3. It can be reassembled repeatedly & easily
4. Includes a "prop" from its habitat
Step 1
Find at least 2 pictures

One side view
One front view
Step 2

Simplify Your Animal
draw the animal
as puzzle pieces
Body Piece #1

Tip: Have the tail be part of the body; it’s less likely to fall off.

Thin tails should be at least double thickness.
Step 3

Draw main body part

Hint:

Look at side view

Write your name on all drawings!
Tip: Slots need to be slightly less than the width of the cardboard.
Step 4
locate shoulders and hips

Tip: Shoulders are more often larger than the hips.
Step 5
Locate arms / legs
Step 6

Add needed parts to add form to animal
Tip: Animals can look more animated when the head pivots up or down or to the side.
1. Don’t try to cut all the way through with just one cut; score your lines to get through the outside flat layer (this will give you more control especially on tight curves), then cut 1-3 more times to get through all layers.
2. One cut is a slit; a slot requires 3 cuts, two parallel cuts and a small cross cut to help remove a very thin slice of cardboard, which should be a bit thinner than the cardboard you are sliding into the slot.

Note: This dog was made with double thick cardboard, which allows for the removal of the outside layer to help create texture/pattern without weakening the pieces.
3. If you want texture/patterns, you will need to use at least double thick cardboard.

If you have none, simply glue two or more pieces together.

I recommend Tri-Tix Rubber Cream Glue, since it allows you to curl and bend pieces later.
4. You can achieve more organic shapes by “cupping” the cardboard to create slightly concave/convex forms.
Themes

Endangered Species
Dinosaurs
Exotic Animals / Zoo Animals
Farm Animals
Pets
Mythological Creatures
Monsters
You can make this activity as simple or complex as you wish.

It can easily tie into math, science, history, literature.

The more you do, the more options you will see.

*Best Wishes!*

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