

## Indoor Boomerang

### Introduction: Indoor Boomerang

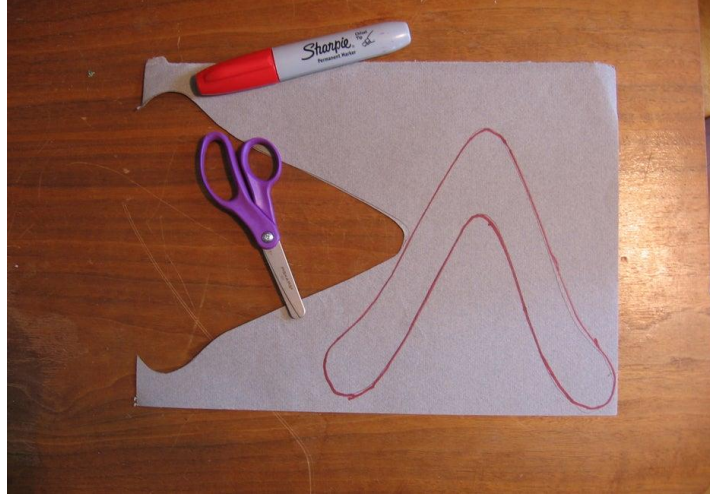


#### Step 1: Template

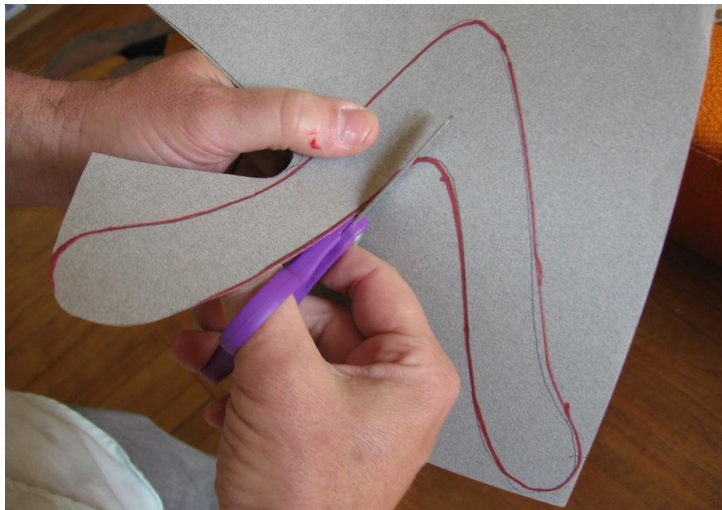
1. Cut out the template on the last page OR
2. Draw your own using this as a guide and cut it out
3. Trace around it onto a piece of cardboard. Cereal boxes work well as does the poster board.

**(Note: the following instructions are for a right-handed boomerang. If you are left-handed you need to mirror the 'cambers'. You cannot throw a right-handed boomerang with your left hand, it just won't work.....)**

## Step 2: Start Cutting



## Step 3: Cut, Cut, Cut



The cardboard can bend a bit as you cut as long as you don't overdo it and put a heavy crease in it.

#### **Step 4: Camber the Leading Edge**



Boomerangs use aerodynamic lift (among other things) to help it fly and return. This is a "right handed" boomerang, pinch and bend along the "leading wing" as shown below.

#### **Step 5: Camber Trailing Wing**



Pinch and bend the trailing wing.

#### **Step 6: Tuning**



This part can be tricky but typically both wings need to be bent up just a little bit

