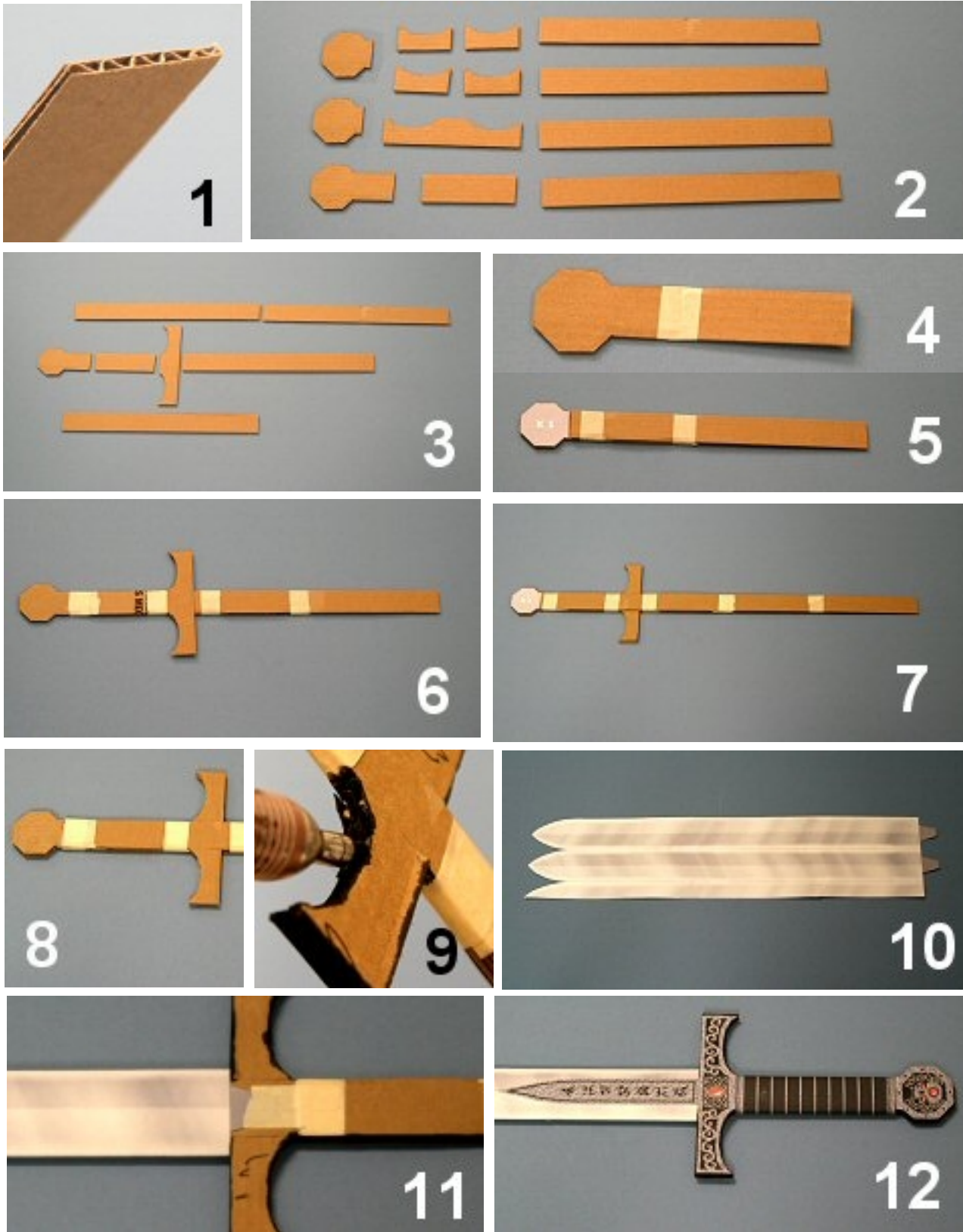


# THE MEDIEVAL BROADSWORD Assembly Instructions Page 1.



**WHAT YOU'LL NEED:** Scissors, tape (masking tape is great but any kind will work), a pen or pencil, a ruler, glue (or a glue stick), a large black marker and a piece of corrugated cardboard (measuring at least 12 inches square). A utility knife is recommended for cutting the cardboard. Card stock is best for printing out the parts pages (plain paper tends to wrinkle when glued).

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## THE MEDIEVAL BROADSWORD Assembly Instructions Page 2.

**FOLDING TIP:** It's helpful to 'score' the fold lines before folding. You can use an old ink pen, a knitting needle, the end of a paper clip, or any metal object that will crease the paper without tearing it. Scoring will help you fold much more precisely.

**SWORD ASSEMBLY:** Be sure you have CORRUGATED cardboard as shown in Figure 1. Cut the cardboard to exactly 12 inches square. Now we'll cut six strips out of the 12 X 12 piece of cardboard. The strips should be ONE AND A QUARTER INCHES wide (and 12 inches long) and should be cut WITH the grain of the cardboard. This means the finished strip should have smooth grooves along the sides and 'wavy' cardboard on the two ends (this is VERY important for making the sword sturdy). Cut two of these strips in half, so you have four 6 INCH strips.

Cut out the POMMEL A TEMPLATE and the POMMEL B TEMPLATE on Parts Page 2. Trace these templates onto the cardboard remaining from the 12 X 12 piece to make one of POMMEL A and two of POMMEL B. Then cut out the GUARD TEMPLATE and QUILLIAN TEMPLATE on Parts Page 2. Place the GUARD TEMPLATE over one of the 6 inch strips and cut out one guard. Then use the QUILLIAN TEMPLATE and two of the 6 inch strips to make four cardboard quillians. Cut the remaining 6 inch strip to a length of 4 INCHES. You should now have the cardboard parts shown in Figure 2.

Figure 3 shows how the cardboard will be layered. Begin by taping the end of POMMEL A to the end of the 4 inch strip as shown in Figure 4. Now place the POMMEL B template over the cardboard pommel. Place a 12 inch strip directly above the pommel template and tape the 12 inch strip to the pommel and 4 inch strip, as shown in Figure 5.

Now TURN THE SWORD OVER. Glue the guard directly above the 4 inch strip as shown in Figure 6. Then tape a 12 inch strip directly above the guard as shown in Figure 6. Now tape the two remaining 12 inch strips end to end. Place the POMMEL B TEMPLATE back over the cardboard pommel and place the connected 12 inch strips directly above the pommel template as shown in Figure 7 (The guard should now be sandwiched between two cardboard layers). Tape at either end, above and below the guard, and around the spot where the two 12 inch strips connect, as shown in Figure 7.

To finish the cardboard parts, glue one POMMEL B to pommel A and glue one QUILLIAN to each side of the guard, as shown in Figure 8. Then turn the sword over and do the same for the opposite side. Use the large black marker to darken the edges around the guard and pommel, as shown in Figure 9. Some of the cardboard will remain visible, but from a short distance the edges will appear black. (Don't worry about the edges of the handle or blade, those will be covered with paper.)

Your sword's inner structure is now complete, so we'll start adding the printed parts to dress it up.

Cut out the BLADE BASE on Parts Page 3, the BLADE CENTER on Parts Page 4 and the BLADE TIP on Parts Page 5. Place the bottom of the BLADE CENTER over the gray area (with the red dot) at the top of the BLADE BASE and glue the two pieces together. Then place the bottom of the BLADE TIP over the gray area (with the green dot) on the BLADE CENTER and glue the tip to the blade. The blade should now resemble Figure 10.

The blade now has three sections: two full blades (each with a dark and light half) and three flaps that form a half blade. Fold DOWNWARD between the two full blades and then fold the three half blade flaps DOWNWARD, folding along the black lines. Fold the two full blades together (but DO NOT glue them) and then fold the three half blade flaps down and glue them in place to make a hollow sword blade. Finish the blade by gluing the two sides of the tip together. Trim as needed. Slide the paper blade over the cardboard sword blade and tape or glue the paper blade's two bottom tabs to the guard as shown in Figure 11.

(For all the remaining paper parts, you may want to use a small black marker to darken the paper edges after cutting them out.)

Cut out the two GUARDS on Parts Page 1. Glue one to each side of the sword as shown in Figure 12. Cut out the GRIP on Parts Page 2. Cut out the two POMMELS and glue one to each side of the cardboard pommel, as shown in Figure 12. Trim around the guard and pommel if needed. Wrap the GRIP around the cardboard sword handle and tape or glue in place, as shown in Figure 12.

The BLADE DECORATIONS on Parts Page 1 are optional. If you want to add them, just cut them out and glue one to each side of the blade as shown in Figure 12.

CONGRATULATIONS! Your medieval broadsword is now finished.

**NOTE:** Never swing your broadsword at another person or stab another person. Even a paper sword can do accidental damage. And then the fearsome warrior who originally wielded this sword would have to come back and haunt you for all eternity. Better to let him rest in peace, wouldn't you say?