

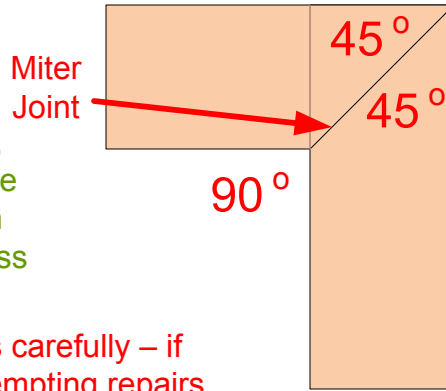
Requirement 6f: Reinforce a Picture Frame

Picture Frame Construction

- There are many styles of picture frames, but most are made with mitered corners
- As wood expands and contracts, the miter joints can become loose or even fail, which could result in damage or injury from falling glass



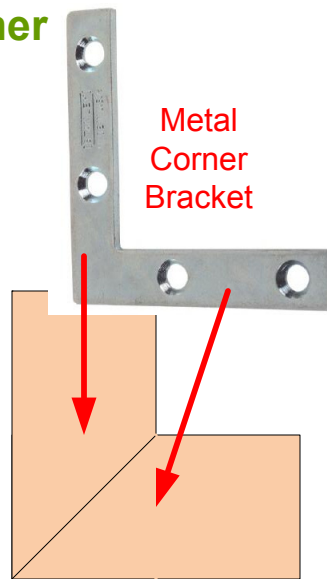
Handle picture frame glass carefully – if possible, remove before attempting repairs



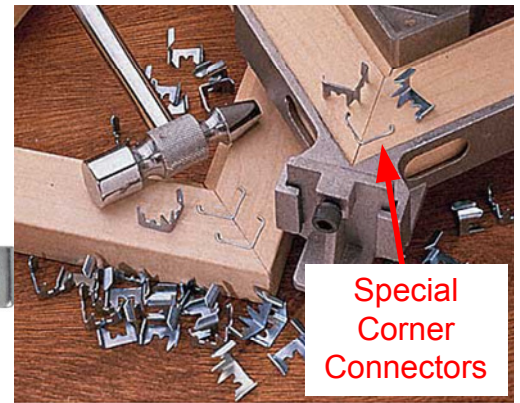
Example of Fine Art

Reinforcing a Picture Frame Corner

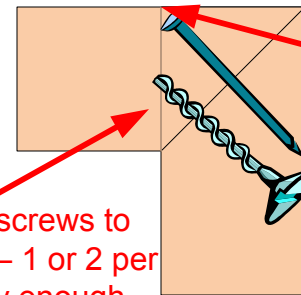
- There are several methods to reinforcing picture frame corners, including brackets, nails, screws, and special connectors
- We will use metal corner brackets in each corner to reinforce our frames
- Step 1: Hold the corner tightly and drill two pilot holes for one side of bracket
- Step 2: Insert and tighten two screws, then hold corner tightly and drill two pilot holes for the other side of bracket
- Step 3: Insert and tighten two screws in other side of bracket
- Doing 1/2 of bracket at a time lets you get the joint as tight as possible



Metal Corner Bracket



Special Corner Connectors



Fill hole with putty

Using nails OR screws to reinforce corners – 1 or 2 per corner is usually enough

Bonus Info: Hanging a Picture Frame

- The best way to hang pictures is to use picture hanger wire
- Insert hanger loops, screws, or screw eyes about 1/4 to 1/3 down from top of frame
- Twist the hanger wire around connection on each side then wrap several times around itself, leaving room at top for wall-mounted picture hanger

Wall-mounted picture hanger



Using picture hanger wire

