

## Subfloor and Bridging Activity

### Objective:

To use equipment, supplies and instructional material to successfully install bridging and a subfloor.

### Preparation:

Each group is to get all supplies and equipment needed to complete the project. Read all instructions completely prior to starting the activity.

### Measuring and Layout of Bridging:

1. Measure the distance between joist C and D. Measure and cut a 2" x 6" this length. Mark this solid bridging. Place this piece in between joists C and D as indicated in Fig. D to check for fit.
2. Nail this piece into place, flush with the end of the joists, with 16d nails.
3. With a piece of 1" x 2" place it at an angle between joists A and B. Mark this angle and cut with miter saw. (This can also be accomplished by using a framing square.)
4. Mark and cut a second piece of bridging the same way.
5. Check for accuracy and nail in between joists A and B using 8d nails.

### Measuring and Layout of Subfloor:

1. Measure and mark a piece of 1/2" plywood 15 1/2" x 48". Cut with circular saw.
2. Place this on top of the floor frame as indicated in Fig. D.
3. Slide the plywood back a little so that the floor joists are exposed. Using a chalk line, mark lines on the piece of plywood to correspond with the center of each of the joists.
4. Move the subfloor in place so that it is flush with header and joists.
5. Check all lines for accuracy. Nail subfloor to the floor joists and header with 6d nails. These nails should be spaced approximately 6" apart

### Evaluation:

	0	1	2	3	4	5
Header measurement +/- 1/8"						
Floor joist measurement +/- 1/8"						
All joist square						
Joist nailed properly						
Subfloor cut and nailed						
Bridging nailed properly						
Safety procedures followed						
Due date met						