

# Supply List

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## INTRODUCTION TO WEAVING / Terms

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### Basic Weaving Terminology

**Weaving** is a way of producing cloth in which two threads cross perpendicular to each other.

**Warp** is the threads that are attached lengthwise on a loom.

**Weft** is the threads that go crosswise, perpendicular to the warp.

### Equipment terms:

**Loom** is a device that holds warp threads taut and usually has a mechanism to weave the weft over and under the warp.

**Warp beam** holds the length of the warp at the back of the loom

**Crank** turns the warp beam, allowing you to put the warp on

**Back beam** holds the warp in an elevated and level position

**Heddles** are metal or string devices through which you thread the warp threads, one by one

**Shafts or harnesses** hold the heddles

**Reed** is a metal piece with **dents** (spaces) that holds the warp threads at a specific distance and keeps them straight. The reed is set into the beater which moves back and forth and "beats" the weft into place.

**Castle** is the structure that holds the heddles, shafts and reed.

**Breast or front beam** holds the finished cloth in place.

**Cloth beam** holds the finished cloth.

**Treadles** are foot pedals that raise and lower the shafts.

**Break or tension release pedal** releases the tension on the warp and keeps the warp beam from spinning.

**Ratchet system** allows you to advance the warp from the warp beam and winds the cloth onto the cloth beam.

**Shuttle** is a tool that carries the weft threads across the warp in the shed.

**Bobbins** hold fine threads in the shuttle.

### Other terms

**EPI** is ends per inch, referring to the warp threads

**PPI** is picks or shots per inch, referring to the weft threads

**Shed** is the space created when one set of warp threads is raised and the other is lowered.

**Take up** refers to lengthwise shrinkage as you weave.

**Draw in** refers to crosswise shrinkage as you weave.

**Loom waste** is the last 15 to 18 inches of warp that cannot be woven. Loom waste becomes thrums.

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## INTRODUCTION TO WEAVING / Exercises

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Loom setup: 3 yards/ cotton carpet warp set at 10 or 12 EPI

Weave 3-4 inches each

### 1. Plain weave or tabby

- Treadle: 1-3  
2-4

- same color as warp
- different color
- thick yarn such as wool

### 2. Basket weave

- Treadle: 1-2  
3-4

- single pick
- double pick

### 3. Twill

- 1-2 twill Treadle: 1-2  
2-3  
3-4  
4-1

- reverse twill
- 1-3 twill Treadle: 1-2-3  
2-3-4  
3-4-1  
4-1-2

### 4. Double weave

- Treadle: • 1  
• 1-2-3  
• 3  
• 1-3-4

Website to check out: [www.weavingtoday.com](http://www.weavingtoday.com)