

# **April 2008 Newsletter**

## **Textiles 101 – Warp and Weft**

Warp - As you can see from the attached image, warp yarns are the vertical threads which are stretched in the weaving process. This creates a more stable vertical weave that does not stretch – when fabrics are cut on the length of the yardage – it does not have “give”.

Weft (or woof) yarns are the horizontal threads woven through the warp threads to create the intricate woven pattern. Weft is the yarn that is wound to a shuttle or bobbin and passed between alternating warp threads. The initial result is that the weft yarns are weaker, because they do not have to be stretched. But the finished product will have more stretch in the horizontal direction, because they were not stretched in the weaving process.