**Materials List**

* Chart paper
* Markers
* Rulers/tape measures
* Yarn
* Scissors
* Container for ice bath
* Plastic cups: Six to 12 to be glued into the ice bath container and six to be lined with the tested materials to fit inside the glued cups.
* 6 thermometers
* Enough 9 x 12 pieces of testable material for each group to get a piece of their chosen material
* Ice
* Needles and thread
* Newsprint
* Chalk to draw pattern onto material
* Timer
* Model for the coat (doll): One per group