**Materials List**

|  |
| --- |
| **Lesson 1**   * 8 Mittens/Gloves made out of different materials (e.g., leather, suede, nylon and pleather, acrylic, polyester, wool, fleece, nylon and rubber) * Snow Cone Machine (Can use outdoor snow if available) * Ice * 4 16 Quart plastic containers * Acrylic mittens – 1 per student * Chart paper * Markers |
| **Lesson 2**   * 10 Different Materials (e.g., cotton, wool, rubber, fleece, spandex, silk, aluminum foil, wax paper, plastic, leather) * Snow Cone Machine (Can use outdoor snow if available) * Ice * 16 Quart Plastic containers (2 mittens/gloves per container) * Data from lesson 1 * Chart paper * Markers |
| **Lesson 3**   * *Anything is Possible* by Giulia Belloni * Paper with Large Mitten printed on both sides – 1 per student * Pencils * Crayons * Acrylic mittens – 1 per student * Data from lesson 2 |
| **Lesson 4**   * Cardstock mitten templates * Markers * Students’ mitten designs * Acrylic mittens – 1 per student * Materials in student mittens designs (e.g., rubber, fleece, leather, plastic) * Duct Tape * Scissors * Data from lesson 2 |
| **Lesson 5**   * *Anything is Possible* by Giulia Belloni * Cardstock mitten templates * Markers * Students’ mitten designs * Students’ engineered mittens * Materials in student mittens designs (e.g., rubber, fleece, leather, plastic) * Duct Tape * Scissors * Data from lesson 2 * 16 Quart Plastic containers (2 mittens per container) * Snow Cone Machine (Can use outdoor snow if available) * Ice * Medium Styrofoam Ball * Data Recording Sheet |
| **Lesson 6**   * Cardstock mitten templates * Markers * Students’ mitten designs * Students’ engineered mittens * Materials in student mittens designs (e.g., rubber, fleece, leather, plastic) * Duct Tape * Scissors * Data from lesson 2 * 16 Quart Plastic containers (2 mittens per container) * *Rosie Revere Engineer* by Andrea Beaty * Snow Cone Machine (Can use outdoor snow if available) * Ice * Snow Cones * Snow Cone Syrup * Straws * Data Recording Sheet |