**Materials List**

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| **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
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| **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
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| **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
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| **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
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| **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
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| **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
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