

Life Vest Project

Annotated materials list

Dimensions of Doll

Height: _____

Mass: _____

Materials for Vest

| Vest Materials (size of amount provided) | Does the item float? | Thickness | Tests on an 8 cm x 8 cm sample | | | Comments |
|---|----------------------|-----------|--------------------------------|---------------------------------------|-------------------------------------|----------|
| | | | Mass of the material sample | Pennies it can support before sinking | *Mass it can support before sinking | |
| Sponge (3" x 4") | | | | | | |
| Styrofoam (3" x 4") | | | | | | |
| Foam sheet (5 1/2" x 8 1/2") | | | | | | |
| Felt (5 1/2" x 8 1/2") | | | | | | |
| Bubble wrap (6" x 6") | | | | | | |
| Shelf Liner (6" x 6") | | | | | | |

* Mass of a penny = 2.5 g

Other materials

| Materials | Quantity | Length (cm) | Width (cm) | Comments |
|-----------------------------|----------|-------------|------------|----------|
| Ziploc bags (snack size) | 1 | | | |
| Chenille stems | 2 | | | |
| String | 1 | | | |
| #32 Rubber bands | 2 | | | |
| Bendable Drinking straws | 3 | | | |

Tools

1 pair Scissors

Hole punch

12" ruler with metric