

# Design Process Sheet

**Design Brief:** A chemist that you know has just developed a pill that can cure any illness. The only problem is that the pill must be kept frozen until the sick person is ready to take it. If the pill is frozen in an ice cube, explore and investigate a way to keep the ice cube from melting for the longest time possible. Build a model of your solution. The model cannot be more than 20 cm in length on any side.

**Group Members:**

**Plan and Sketch:**


**Materials:** (Your group may use any 4 of the following materials.)

- Newspaper
- Foil
- Plastic bags
- Salt
- Card Stock
- Wool
- Cotton fabric
- Styrofoam pieces
- Sand

**Grading Rubric:**

Meets Design Brief Requirements .....	25 points
Group Worked together Cooperatively .....	25 points
Followed Design Sketch and Plan .....	15 points
Revised Design as Needed .....	10 points
Aesthetics .....	5 points
Presentation .....	20 points
<b>Total (Grade)</b>	_____