



Let's Make Frozen Bubble in Snow



Point

Freezing bubble

Materials

- Snow
- Salt
- Bucket
- Straw
- Liquid soap
- Laundry starch, kitchen cleaner and water (1:1:2)
- Disposable chopsticks
- Thermometer



Method

Preparation 1 (How to make)

- Put the laundry starch, kitchen cleaner and water (1:1:2) in the cup.
- Mix them.

Preparation 2 (Making cold air)

1	2	3
Fill 80% of the bucket with snow and add salt.(300g~500g).	Mix them with disposable chopsticks.	Check the temperature using thermometer. □ You can lower the temperature to -21°C when in good terms.



How to experiment

1

2

3

Inflate a bubble slowly on the snow.

Observe it for a minute; you can see the freezing bubble.

Poke and crush it.



☀️ Progress

In the morning (-10°C) Let's try to inflate a bubble. What will happen? It is good experiment for the cold place like a Hokkaido.