

Experiment - Penguin huddle

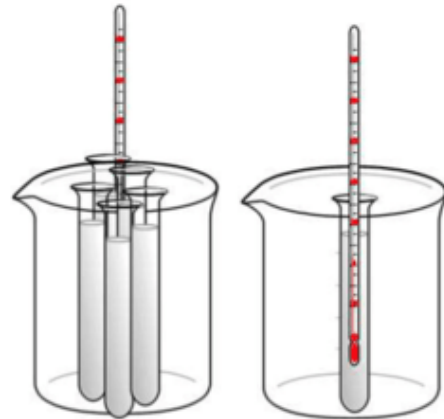


Aim: To find out whether penguins huddling together an adaptation for the cold?

Equipment: large beaker, 6 small test tubes, 2 thermometers, hot water, rubber band

Method:

1. Use a rubber band to tie 5 test tubes together.
2. Place the 5 test tubes in a beaker. This is like 5 penguins huddling.
3. Place one test tube by itself in the other beaker. This is like a penguin by itself.
4. Pour equal amounts of hot water in each test tube.
5. Put a thermometer in the middle of the 5 test tubes. Put another thermometer in the test tube by itself.
6. Measure the temperature of both thermometers every minute for 10 minutes.



Results:

Time (minutes)	1	2	3	4	5	6	7	8	9	10
Temperature of middle test tube (°C)										
Temperature of test tube by itself (°C)										

Conclusion:
