# 我最喜欢的实验：锅里跳舞的玉米粒

敬爱的老师、亲爱的同学们：大家好！今天我演讲的题目是《我最喜欢的实验：锅里跳舞的玉米粒》。要说我最喜欢的一次实验，不是课本里的，也不是老师演示的，而是我在自家厨房里，用一把玉米粒跳出来的一场舞。

这个实验的名字叫跳舞的玉米粒。需要的东西厨房里全都有：一个玻璃杯、清水、食盐、小苏打、几粒爆米花用的干玉米粒。第一步，我把玉米粒丢进清水，它们扑通扑通全沉到了杯底，像几颗小石子睡大觉。第二步，我往水里加盐，一勺、两勺、三勺，搅到水有点发浑，奇迹发生了：一颗玉米粒慢吞吞地浮了起来，接着两颗、三颗，好几粒悬在水里，像潜水员停在了半路！第三步最精彩：我加了一小勺小苏打，水里立刻咕噜噜冒起小泡泡，泡泡粘在玉米粒身上，把它托上去，到了水面泡泡破了，玉米粒又掉下来。上去、下来、再上去、再下来——玉米粒真的在杯子里跳起舞来了！我激动得跑去喊妈妈：快来呀，玉米粒会跳舞！

后来我才知道道理：盐水比清水有劲儿，能把玉米粒托起来；小苏打和水里的白醋打架，产生好多小气泡，气泡像救生圈一样把玉米粒带上水面，气泡破了，救生圈没了，玉米粒就沉下去。一个杯子，上演了浮力的大戏。

做这个实验，我的感受特别深。第一个感受是开心，玉米粒跳舞的时候，我笑得肚子都疼了，原来科学可以这么好玩。第二个感受是了不起，这个实验是我自己做的，盐是我一勺一勺加的，玉米粒是我一颗一颗数的，答案是我自己发现的，不是别人塞给我的。那天晚上我在日记里写：今天，我当了一回科学家。

同学们，科学不在很远的地方，它就在我们家的厨房里，在盐罐子旁边，在汽水的泡泡里。我希望大家也回家试试跳舞的玉米粒，试完了来学校，把你的舞伴讲给我们听。说不定下次班会，我们班能开一场玉米粒舞会呢！让我们一起动手，让每一粒普通的日子，都跳起舞来。我的演讲完毕，谢谢大家！

# My Favorite Experiment: The Corn Kernels Dancing in the Pot

Respected teachers, dear fellow students: good morning! Today my speech is titled My Favorite Experiment: The Corn Kernels Dancing in the Pot. If I name my favorite experiment, it is not one from the textbook or one the teacher demonstrated — it is a dance I made with a handful of corn kernels, right in my own kitchen.

The experiment is called Dancing Corn Kernels. Everything it needs is already in the kitchen: a glass, water, table salt, baking soda, and a few dry popcorn kernels. Step one: I dropped the kernels into plain water, and they all plopped to the bottom, sleeping like little pebbles. Step two: I added salt to the water — one spoon, two spoons, three — stirring until the water grew cloudy, and the miracle happened: one kernel slowly floated up, then two, then three, several hanging in the middle of the

water like divers pausing halfway! Step three was the best: I added a small spoonful of baking soda, and the water instantly began bubbling. The bubbles stuck to the kernels and lifted them up; at the surface the bubbles popped, and the kernels sank again. Up, down, up, down — the corn kernels were truly dancing inside the glass! I ran to call my mother, shouting: come quick, the corn is dancing!

Later I learned the reason: salt water is stronger than fresh water and can hold the kernels up; the baking soda reacts with the vinegar in the water to make many tiny bubbles, and the bubbles act like life rings, carrying kernels to the surface; when a bubble pops, the life ring is gone, and the kernel sinks. One glass staged a grand play about buoyancy.

This experiment touched me deeply. The first feeling was joy — when the kernels danced, I laughed until my belly ached. Science can be this much fun. The second feeling was pride. I did the experiment myself: I added the salt spoon by spoon, counted the kernels one by one, and discovered the answer myself instead of having it stuffed into me. That night I wrote in my diary: today, I was a scientist for once.

Fellow students, science is not far away. It lives in our kitchens, beside the salt jar, inside the bubbles of soda. I hope you will try Dancing Corn Kernels at home, and then come back to school and tell us about your dance partners. Perhaps at the next class meeting our class can hold a corn kernel dance party! Let us work with our hands and let every ordinary day break into dance. Thank you all!