Salt Crystal Creation



After learning about salt as a crystal, students will. make their own salt crystal creations.

Materials needed:

# of students in class = # of cups needed
# of students in class = # of pipe cleaners needed
# of students in class = # of cups of water needed
# of students in class / 3 = # of cups of table salt needed

Instructions:

- Shape Creation (5-7 minutes)
  Students bend pipe cleaners into shapes (hearts, stars, letters, etc.).
- Prepare the Solution (Teacher-led, 5-10 minutes):
  Pour warm water into each cup.
  Gradually add table salt, stirring continuously.
  Keep adding salt until no more dissolves (a few grains remain at the bottom).
  Explain: "We are making a super salty mixture."
- Set Up Crystal Growth (5 minutes)
  Place the pipe cleaner into the cup.
  Make sure it is fully submerged but not touching the sides or bottom.
  Use string and a pencil if needed to suspend it.
- Observation Setup (2-3 minutes)
  Place cups in a safe, undisturbed area.
  Label with student names.

Warning: students should not deal with pouring the warm water.

After 1 -2 days, the crystals should be fully formed. They may be taken out of the cups of water and sent home with the students.