

Lesson Plan Template (Long Form)

Student Teacher's Name Brienna Hirsch Grade Level 1st Grade

State Standard (1.1) First-grade students will grow in understanding concepts related to the physical sciences. Subject Science

Name of Lesson States of Matter Period/Time 1 hour

I. Goal:

- *Students know the 3 states of matter: Solids, Liquids, and Gases*

II. Objectives:

- *Review States of Matter*
- *Experiment with the various states of matter by making Ice Cream.*

III. Materials:

*Spoons
Paper towels
Half & half cream
Sugar
Vanilla Extract
Quart Ziploc bags
Coffee Cans
Ice
Salt
Measuring cups
Measuring spoons*

IV. Procedure:

A. Set / Hook

- *Can anyone remind me what the 3 states of matter are?*
 - [Solids, Liquids, Gases]
- *Can we mix all of these states of matter together?*
 - [YES!!]
- *If they can be mixed, where do we most commonly use these 3 states of matter in our daily lives?*
 - [The Kitchen plus other answers from the children]

B. Transition

- *If you would all please go have a seat on the rug, we will continue with our lesson over there.*
 - [All children will go sit on the rug.]

C. Main lesson

- [Once all children are seated on the floor and I am on the rug, we will continue with the lesson.]
- *What are some things in the kitchen that we cook that use both solids and liquids?*
 - [Some Answers may include: Mac & Cheese, Ice Cream, etc.]
- *We are going to take some of the items I brought with me and see what it makes, okay?*
 - [Children will probably respond with, "Okay"]
- [I will continue mixing all of the previously-measured-out ingredients until the recipe

has been completed and will allow the children to pass the bag around to bang on the mix as it hardens and becomes creamy.]

- *Did you know that Jesus fed 5,000 daddies plus all the mommies and kids with just 2 ingredients? He fed all of these people with only 2 fish and 5 loaves of bread (Matthew 14:13-21).*
- *Do you think that you could feed everyone in this school with only 2 fish and 5 loaves of bread?*
 - [NO!!]
 - No, probably not.
- *Before we go back to our seats, I need everyone's eyes up here, their hands in their laps, and their ears open to listening...*
 - When we WALK back to our seats, I will come around with a dish and 1 scoop of ice cream. Everyone is going to get 1 (and only 1) scoop of ice cream to eat.
 - [Unless a child is lactose intolerant - I will have another snack for him or her if needed.]
- *Now that we have everything mixed together, can anyone tell me what we made?*
 - ICE CREAM!!!!
 - That's right! It's Ice cream!

D. Transition

- *Please go and sit back at your chairs.*

E. Conclusion

- *Children will eat their ice cream and we will talk about the 3 states of matter and the Bible verse as they are eating.*

V. **Assessment:**

What were the solids we used to make the ice cream?

What were the liquids we used to make the ice cream?

What are the gases we used to make the ice cream?

VI. **Assignment:**

No Assignment 😊