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**Project Skills:**

The youth will know what goes into making ice cream from the beginning to the end of the process. They will also use their imagination to make their own ice cream cone.

**Life Skills:**

* Communicating with others
* Applying technology and science
* Relating to change

**Academic Standards:**

**Grade Levels:**

3rd – 6th grade

**Time:**

90 minutes

**Supplies Needed:**

* 1 cup milk
* 1 cup whipping cream
* ½ cup sugar
* 1 tsp vanilla extract
* Two trays of ice
* Rock salt
* Small coffee can
* Large coffee can
* Bowls
* spoons
* Duct tape
* Paper plates
* Crayons
* Markers
* Stapler
* Brown paper bags
* scissors

**Do Ahead:**

* Get all of the supplies bought for the ice cream
* Take the paper bags and cut out a cone for the ice cream craft

***4-H Project Area***

**Agriculture All Around Us:**

**Kick the Can Ice Cream &**

**Ice Cream Cone Craft**

**BACKGROUND**

The most favorite dessert of all is ice cream. Ice cream can be dated back to the fourth century BC. Over time, many different flavors have been developed and many are yet to be developed still.

The U.S. ice cream industry generates more that $21 billion in annual sales and provides jobs for thousands of citizens. About 9% of all the milk produced by U.S. dairy farmers is used to produce ice cream, contributing significantly to the economic well-being of the nation’s dairy industry.

In 1984, President Ronald Reagan designated July as National ice Cream Month and the third Sunday of the month as National Ice Cream Day.

**WHAT TO DO**

Kick the Can Ice Cream

1. Use items previously bout in this activity (see Do Ahead in sidebar)
2. Measure out the milk, cream, sugar and vanilla extract and pour the ingredients into the small sized can
3. Cover the can with a lid and tape it shut with duct tape. Make sure it is sealed tightly
4. shake the small can to mix up all the ingredients
5. Put a layer of ice and rock salt in the large can
6. Place the small can into the large can
7. Layer with more ice and rock salt and cover the can and tape the lid on tightly
8. Kick or roll the can back and forth for about 10 minutes
9. Remove the small can and scrape the ice cream away from the side of the can
10. Put the small can back into the large can
11. Layer with more ice and rock salt and then re-tape and seal tightly
12. Kick or roll the can back and forth for about 5 minutes
13. Stir, serve and enjoy!

Ice Cream Cone Craft

1. Pass out two paper plates to each child
2. pass out the cone that was made from the brown paper bag
3. let each child decorate their scoops (the paper plates) of ice cream however they want
4. staple the scoops and cone together
5. Have the youth name their ice cream

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Reviewed by Barb Barker, Waushara County 4-H Youth Development Agent

 ***4-H Project Area***

**Agriculture All Around Us:**

**Kick the Can Ice Cream &**

**Ice Cream Cone Craft**

**TALK IT OVER**

**Reflect:**

* How hard was it to make the ice cream?
* Can you think of any other way besides kicking the can to make ice cream?
* Does the ice cream taste like the stuff you buy in the store?

**Apply:**

* Does anyone think that they are going to make their ice cream this way instead of buying it?
* Would this be a practical way to make ice cream for large group of people? Small group?

**HELPFUL HINTS**

* The ice cream will make 6-8 servings
* Make sure to tell the youth to wear tennis shoes and not sandals
* If the can doesn’t keep moving the longer it will take to make the ice cream
* Sea salt can not replace rock salt
* If working with older youth, bring a couple extra big cans because they will demolish them

The book From Milk to Ice Cream by Kristin Thoennes Keller is very helpful

**Reviewed by Wisconsin Curriculum Team on:**

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