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Modern Marvels – Ice Cream

1. The Dreyer’s ice cream plant in the movie is located in what city and state? (2)

*Bakersfield, California*

1. How many different ice cream products do the 28 production lines turn out? (1)

*90*

1. Total how many gallons does the plant produce each year? (1)

*Over 100 million gallons*

1. How many gallons of ice cream per year does the world consume? (1)

*4 billion gallon*

1. What is ice cream’s most important ingredient? (1)

*Milk*

1. How long and at what temperature is the ice cream mix in the pasteurizer? (2)

25 seconds at 179 degrees

1. Why do we homogenize the ice cream mix? (2)

*To break down and disperse the fat globules*

1. What is one of the largest ingredients in ice cream? (it may surprise you) (1)

*Air or overrun*

1. In the United States what % of butterfat must ice cream have? (1)

*10%*

1. According to Dreyer’s making ice cream is about what 3 T’s? (3)

*Time, Temperature, and Taste*

1. What at the Dreyer’s production factory has been insured for 1 million dollars? (1)

*The taste testers tongue*

1. What three things do you look for when tasting ice cream? (3)

*It must look appetizing, flavor balance, body and texture*

1. According to John the ice cream tester when does ice cream taste best? (2)

*When served between 0 and 5 degrees Fahrenheit*

1. Why is a gold spoon used when tasting ice cream? (1)

*Using a gold plated spoon does not leave an after taste*

1. What is the difference between gelato and ice cream? (3)

*Gelato contains less fat and less air, therefore it has a richer creamier taste*

1. What year and by who was the salt and ice hand crank batch freezer invented? (2)

*1846 by Nancy Johnson*

1. What does Graeter’s make their ice cream in? (1)

*It is called a French Pot*

1. What city in Wisconsin claims to be the birth place of the ice cream sundae? (1)

*Two Rivers*

1. How many cones does the Joy cone factory produce each year? (1)

*1.5 billion*

1. When you eat ice cream why do you get a brain freeze? (2)

*It is your nerve endings sensing the return of warm blood to the upper palate of your mouth as pain.*