

**Young Audiences
of Northeast Texas, Inc. presents:**

Evelyn James



Teacher Expectations

Young Audiences of Northeast Texas thanks teachers for helping maximize the learning experience by adhering to the following guidelines.

1. **Please remain in the performance area with your class.** The performers cannot present the program without the teacher present.
2. Please have each student wear a nametag so that the performing artist can call each student by his/her name.
3. Please help minimize the need for a student to leave the performance by having a restroom break before the performance, if necessary.
4. Please assist the artists in maintaining appropriate student behavior during the performance. All attendees should be attentive to the artist.

Student Expectations

1. Listening is very important. Wait for your turn to speak and use good listening skills while the artist is performing: hands in lap, feet still, and face toward the performance.
2. When you appreciate a performance, you show that appreciation through applause. Once the performance is over you may applaud, or if you appreciate something during a performance, you may applaud.

Meet the Scientists

Grades 3 - 5

45 minutes

About the Artist

Evelyn James is Programming Associate at Tyler Public Library. She is responsible for programs, events, and exhibits for all ages at the library.

Ms. James holds an MA in English, speech, and theatre, a BA in speech communications, and a BS in printing. She has been touring nationally as a professional storyteller since 1900. Ms. James also is an actress and director, teaches on the staff of Tyler Civic Theatre's Acting Conservatory, and has taught as an adjunct instructor in UT Tyler's theatre program.

Founder of East Texas Storytellers, Ms. James helps produce Squatty Pines Storytelling Festival each year. She also teaches drama workshops for adults, youth, and children in speech, theatre, arts, and storytelling.

About the Program

In this fun program, Ms. James engages students in the lives and discoveries of scientists who have made significant contributions to the knowledge of science. These include such people as George Washington Carver, Gail Borden, and Jonas Salk.

Word List

Gail Borden: invented process for condensing milk

Clarence Birdseye: developed method of freezing produce

George Washington Carver: agricultural chemist who revolutionized southern agriculture

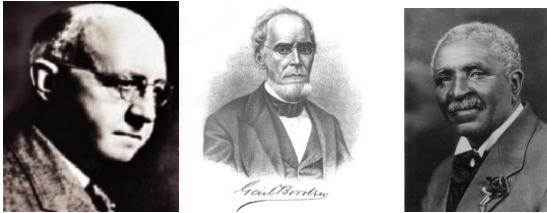
Jonas Salk: developed the polio vaccine

Sister Kenny: developed innovative polio treatment

Workshop Needs

1. Please clear a place 12' deep and 12' wide for the storyteller. Lights on.
2. Set up time: 15 minutes.

Pre-performance Activities



Science and Social Studies

- “We Are What We Eat”
 - Tell your students about the three food pioneers shown above: Clarence Birdseye, Gail Borden, and George Washington Carver (brief biographies attached).
 - Ask them to discuss what these three men had in common. (They were curious. They all saw a need and worked to meet it through their inventions. They didn’t stop when they failed.)
 - Ask them to discuss what their lifestyle would be like without frozen food, condensed milk (doesn’t need to be refrigerated), and some of Mr. Carver’s 300 uses of the peanut such as dyes, rubbing oils, Worcestershire sauce, etc.
 - Ask them to discuss what discoveries are likely to be made in the future in food processing.
 - Ask them to discuss which of these men’s inventions involved the physical properties of food and how they were changed.

Science TEKS: 3.3E; 4.3E, 4.7A; 5.3E, 5.7B, C, D; Social Studies TEKS: 3.15A, B; 4.21A, C; 5.24A, E



Post-performance Activities



Language Arts

- Invite your students to imagine that they are Mr. Borden approaching an investor to help fund his condensed milk invention during the Civil War.
 - Ask them to write a persuasive letter to the investor telling him why he should invest in condensed milk for the soldiers.
 - They can think of such things as what the soldiers’ lives are like, why the soldiers would need milk, what refrigeration they have available, whether soldiers had continuous access to cows.

Language Arts TEKS: 3.14A, B, C; 4.15A, B, C; 5.15A, B, C



Thank you for allowing Young Audiences of Northeast Texas to share these artists and performances with your students. The children’s written thank you notes may be sent to:

Young Audiences of Northeast Texas

C/O Dana Sudduth
200 East Amherst
Tyler, Texas 75701

Clarence Birdseye

From Wikipedia, the free encyclopedia.

Clarence Birdseye ([December 9, 1886](#) - [October 7, 1956](#)), is considered the founder of the modern [frozen food](#) industry.

A native of [New York City](#), he became interested in the frozen preservation of food while working as a fur trader in [Labrador, Canada](#) in [1912](#) and [1916](#), a job he had taken to help pay for his college education.

Birdseye eventually took out a series of patents on the quick-freezing process, in which foods are frozen so quickly that only small ice crystals can form and cell walls are not damaged. In [1929](#) he sold the [patents](#) to the [Postum Company](#), which eventually became [General Foods Corporation](#), and which founded the [Birds Eye](#) Frosted Food Company. The name remains a leading frozen-food brand, spelled as two words.

In later years, Birdseye invented such products as an infrared heat lamp and a specialized harpoon to mark whales.

A more detailed biography may be found on the [Bird Eye Foods](#) web site.

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