



Davis Elementary Grade 5

Malone Central School District

Our Mission:

The mission of Malone Central School District is to provide a caring, supportive, and safe environment that assists students in finding their purpose while developing skills that will prepare and empower them for life in an ever-changing world.



New York
Agriculture
in the Classroom

Mac and Cheese Challenge
2024 Submission

Mac & Cheese Challenge

About the Mac & Cheese Challenge

From the young to the old, the appetite for macaroni & cheese is big! This beloved comfort food has more variations than we can count, and whether left in its classic cheesy form or used as a base for creative ingredient add-ins – the end product will be delicious.

With cheese taking the starring role, we find ourselves lucky to live in New York where so many delicious cheese varieties are produced. **The dairy industry is the largest agricultural sector in the state** and makes more than one billion pounds of all cheeses annually. Around 15 billion pounds of milk are produced on nearly 3,200 farms across the Empire State, making New York the 5th largest dairy producing state in the nation.

The Mac & Cheese Challenge allows your students to develop their perfect macaroni & cheese recipe, create marketing materials for their product, and learn about the dairy processing industry in their community. This cross-curricular experience will reinforce core curricular concepts in math, science, ELA, and expose students to career opportunities in our food system.

HMH Reading Module 1 - Inventors at Work

Essential Question:

What drives inventors to create a new product or innovate a product?

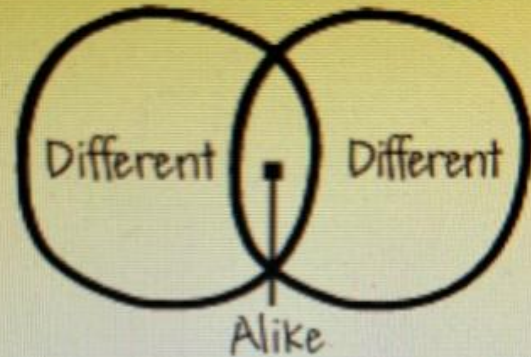


New York State Test Prep:

Compare and Contrast

Focus: Can we compare and contrast different mac and cheese recipes to create a “themed” mac and cheese recipe?

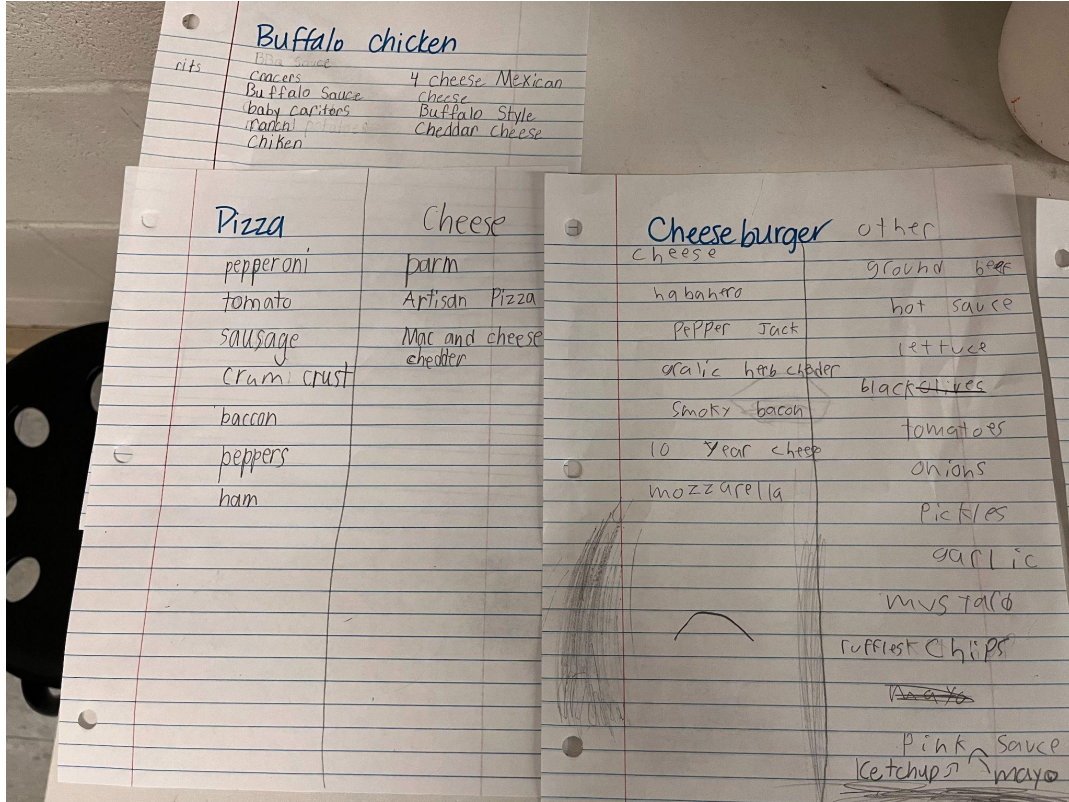
Comparison/ Contrast



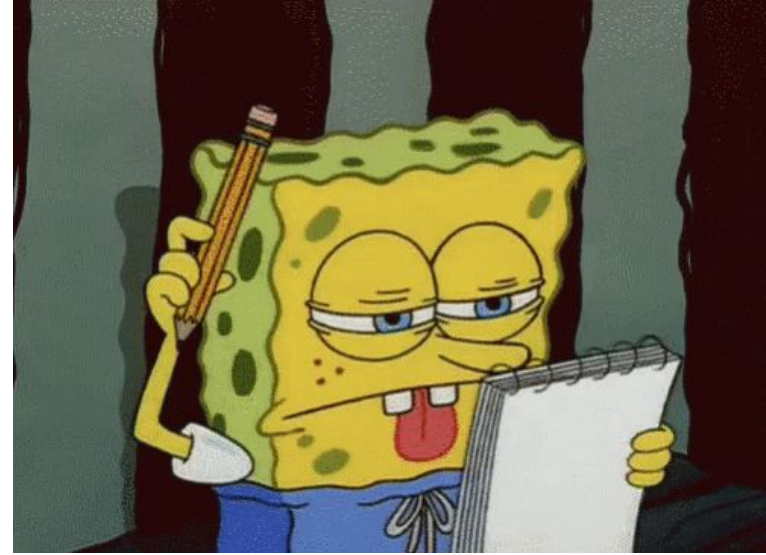
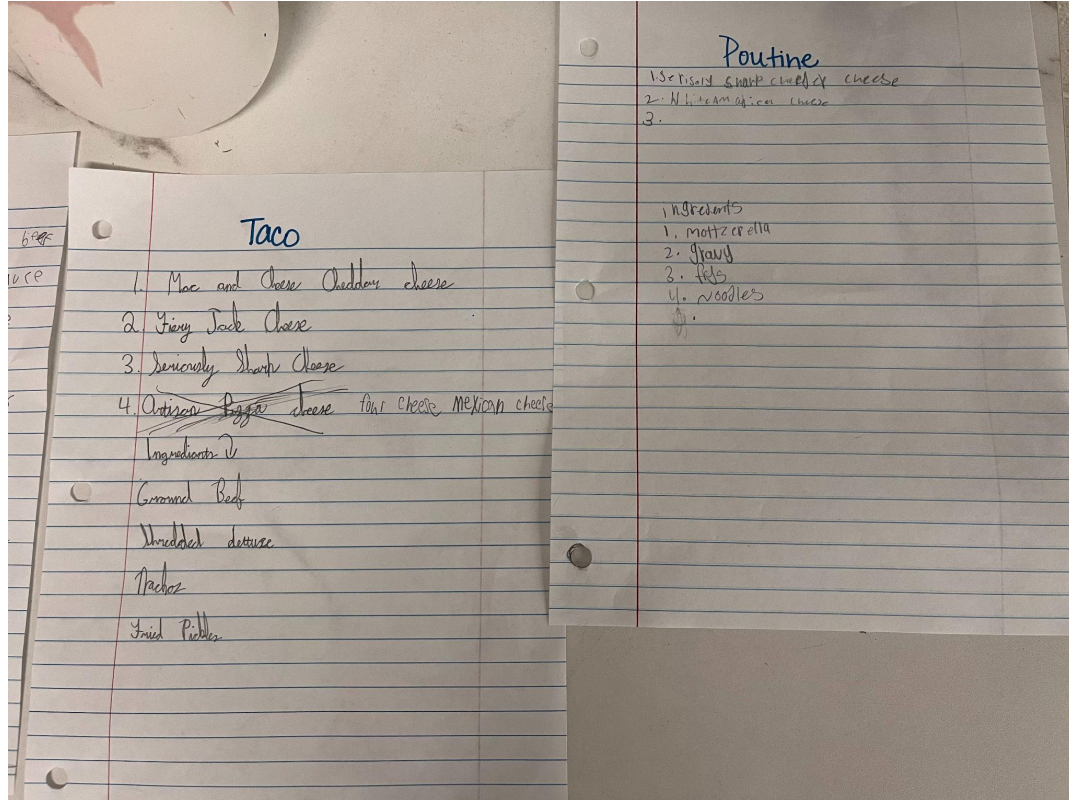
Purpose: to describe how things are alike and different

Transition Words: *but, both, however, and*

Mac and Cheese Brainstorms



Mac and Cheese Brainstorms

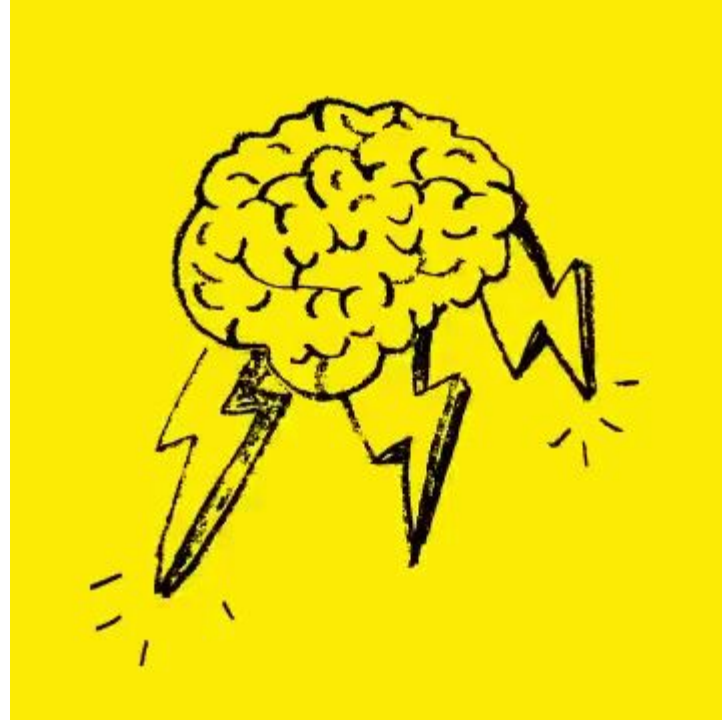


Mac and Cheese Brainstorms

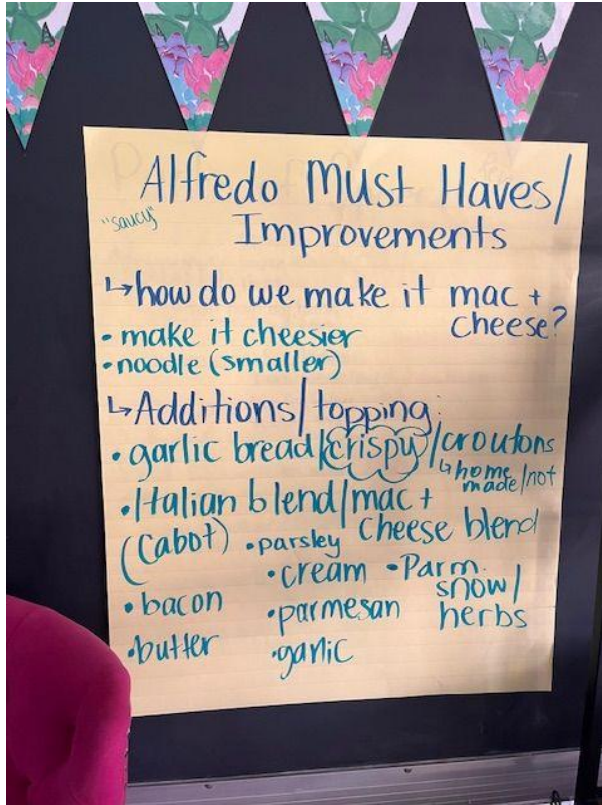
Crouton Taste Test
(for topping)

<p>Ⓞ Olive Garden Garlic/Romano</p> <ul style="list-style-type: none">- smells + tastes goodgarlickyweird taste, good after-tastelike it - flavorfulno golden, crispy	<p>Texas Ⓞ Toast Garlic/Butter</p> <ul style="list-style-type: none">- spicy (from garlic)- pretty garlic heavy"crispy garlic"- meh- too crunchy	<p>Texas Ⓞ Toast Cheese Garlic</p> <ul style="list-style-type: none">+ - less garlicky- cheesy after-tastedon't tastegarlic - softer- lacks flavor- bread-y - crispy
<p>too pizza-y</p> <p>needs to be crunchy</p>	<p>homemade</p> <ul style="list-style-type: none">- too soft- too much garlic- bread-y- pretzel-y	

Voting results: Olive Garden



Mac and Cheese Brainstorms



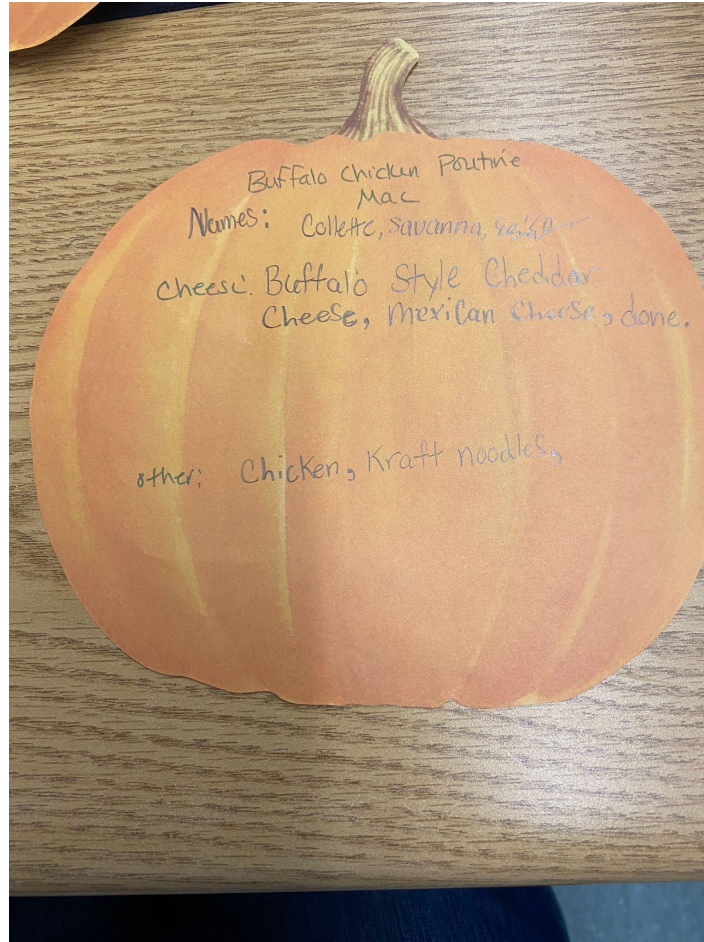
Goal: Can we innovate a mac and cheese recipe and make it even better?

Innovations change an existing product to fill a need.

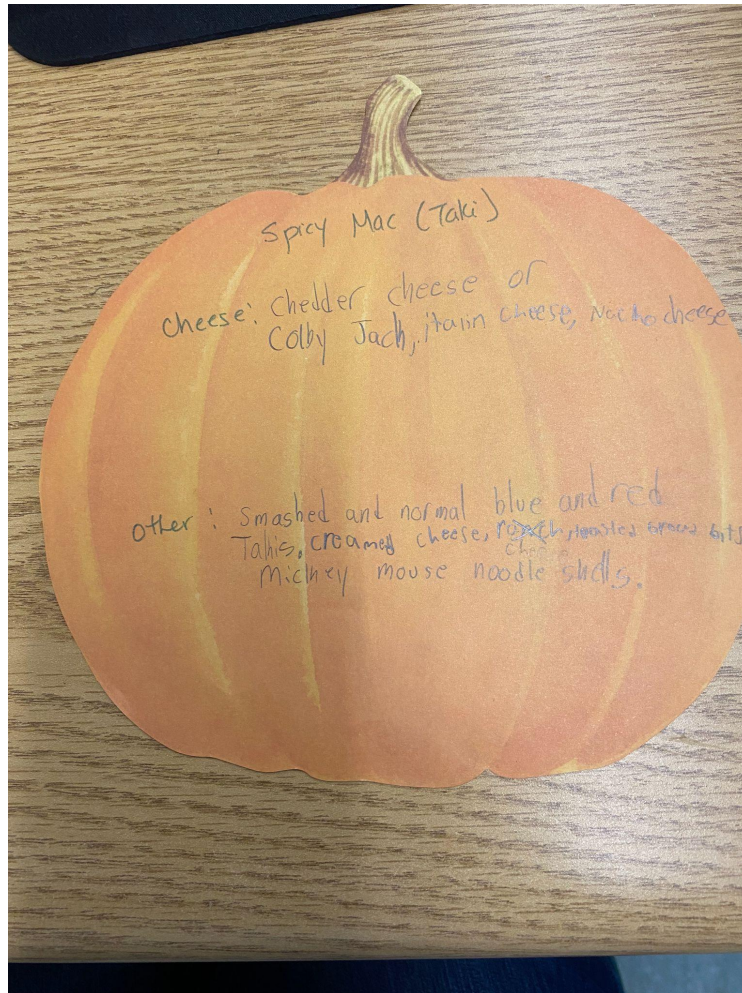
Let's ask our parents and students!

Open House - Davis Elementary - October 17, 2024

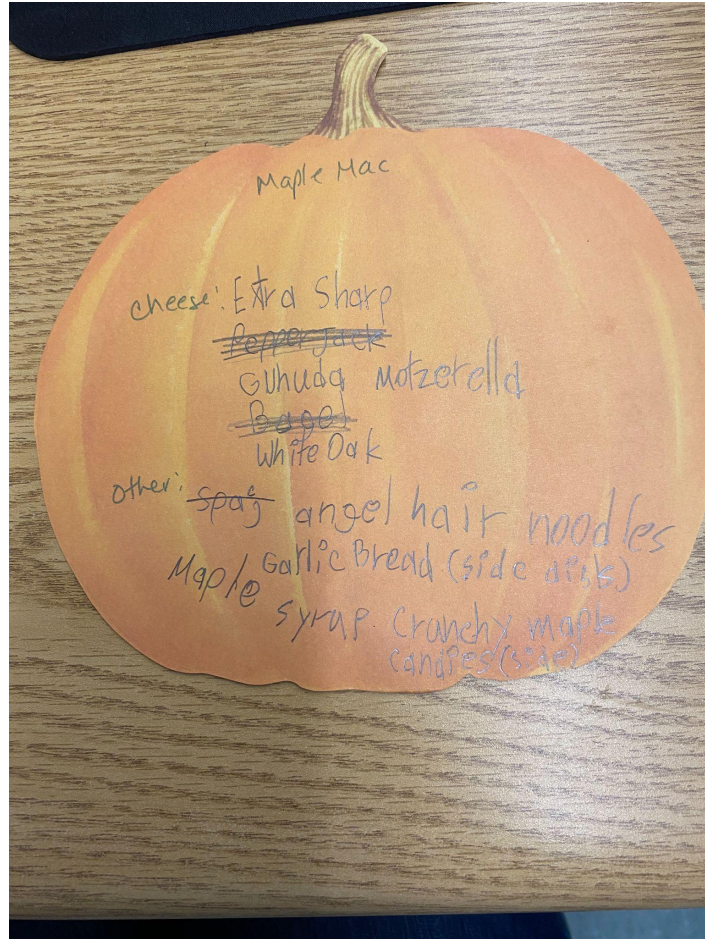
What recipes did we vote on?



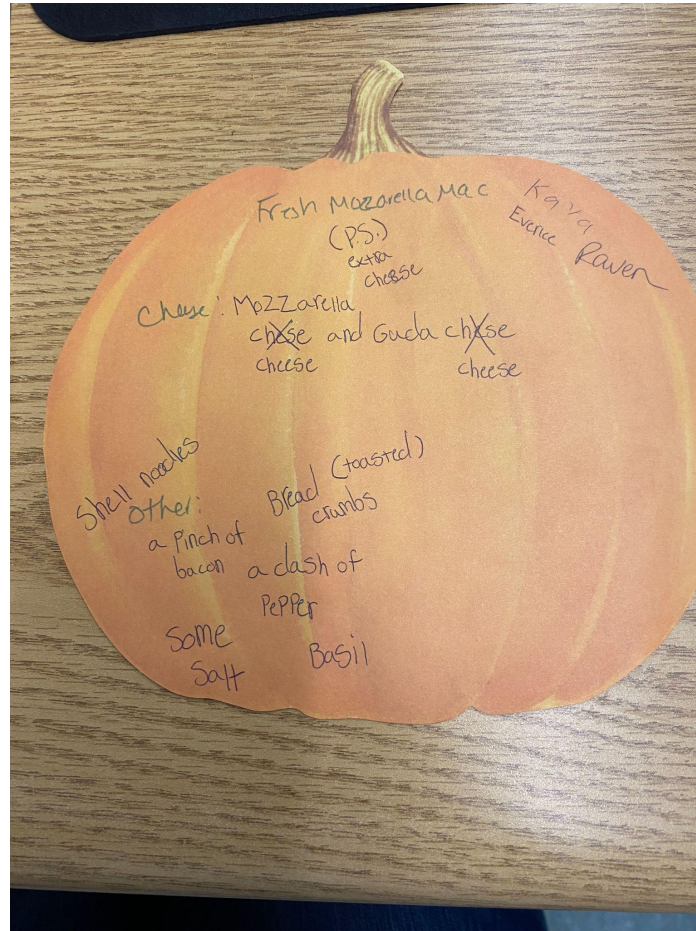
What recipes did we vote on?



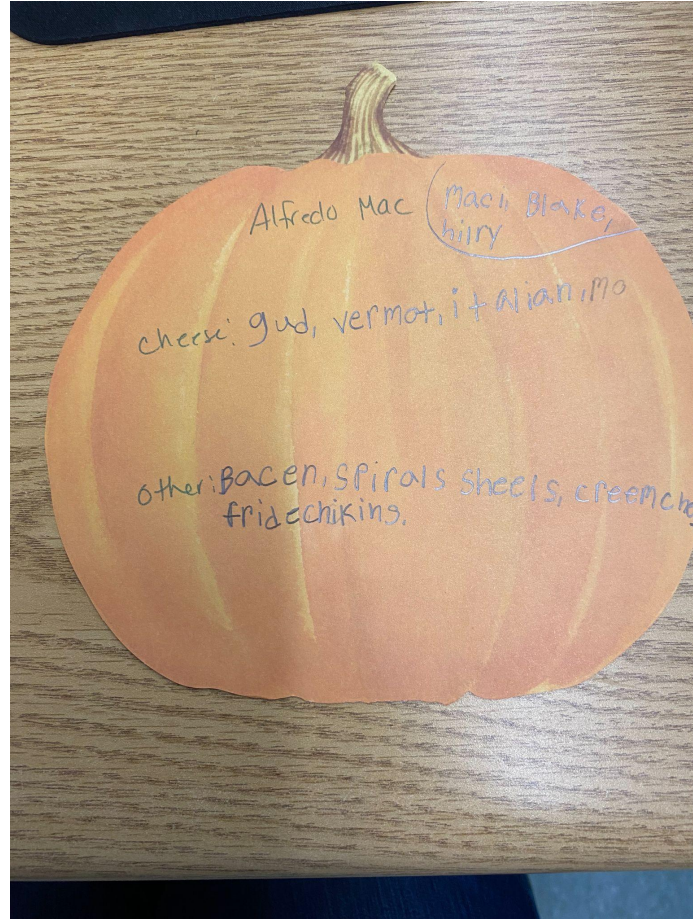
What recipes did we vote on?



What recipes did we vote on?



What recipes did we vote on?



Students preparing the voting tags for open house



Open House 2024 - Parents and students vote for their favorite recipe.



NEW YORK AGRICULTURE
IN THE CLASSROOM

MAC AND CHEESE CONTEST

LAST year, we
won second
PLACE! PLEASE
HELP US VOTE
TO make a new
RECIPE and win
FIRST PRIZE!

MAC AND CHEESE CONTEST

PLEASE VOTE
FOR ONE (1)!

WE WILL make a RECIPE
FOR THE WINNING DISH!

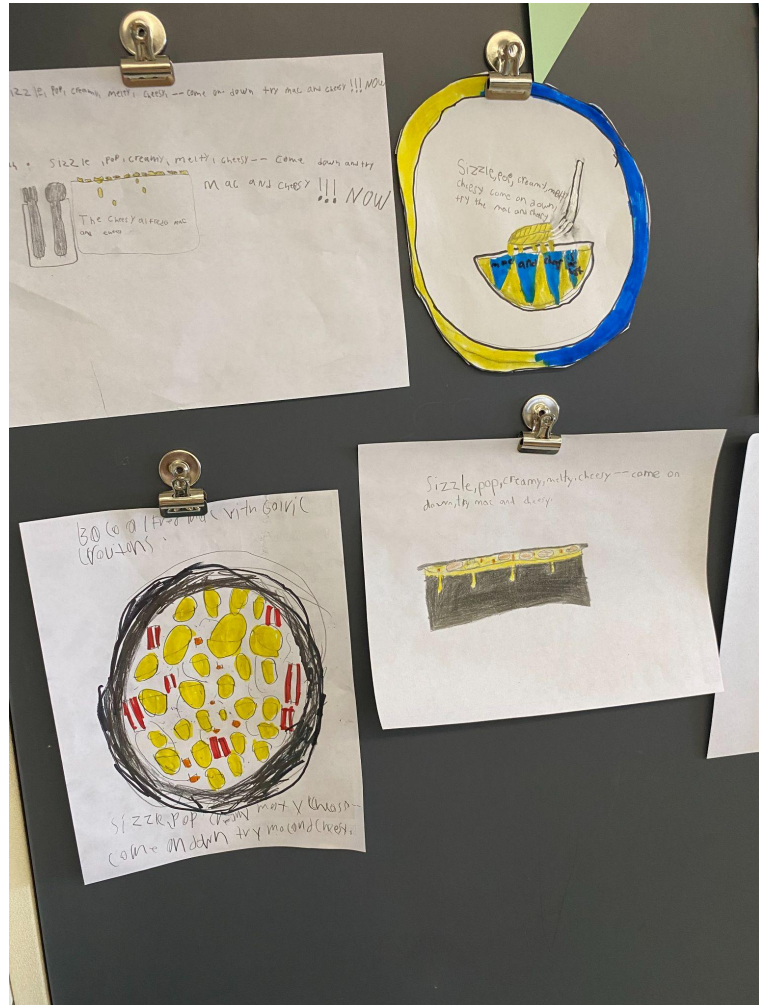


Our Winning Recipe...

[Click Here to View Our Official Submission](#)



Logo



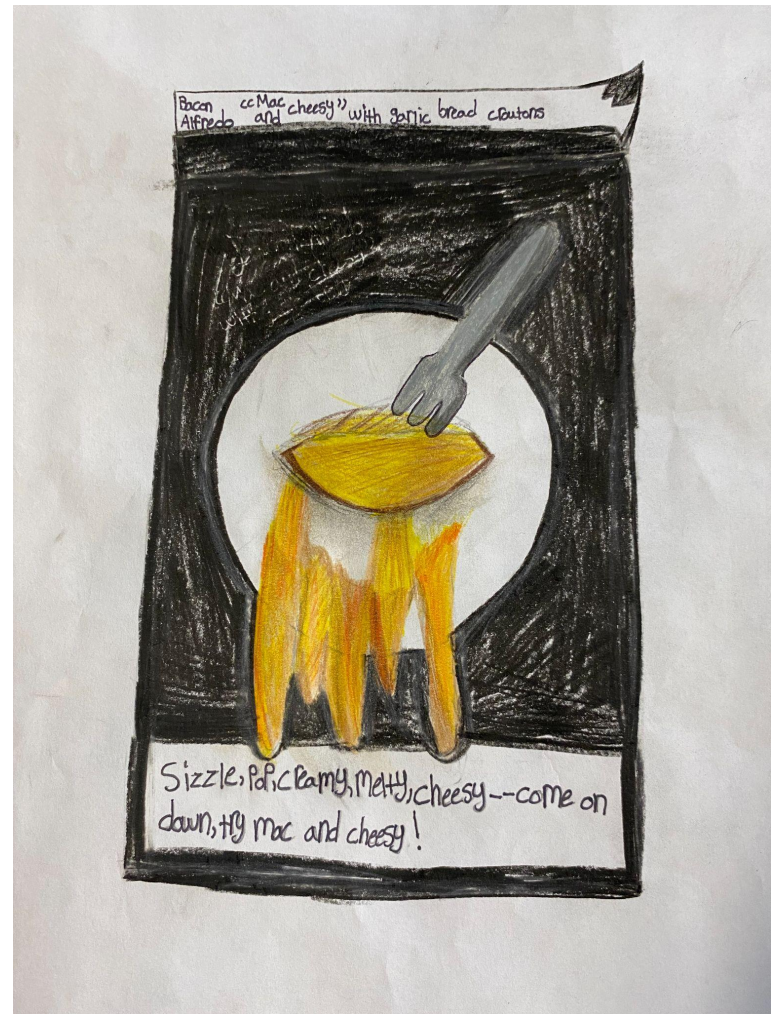
Logo



Logo



Logo



Jingle Our Students Created:

[Click here for Lyrics](#)

[Listen here](#)



Keeping it Local...

We used Cabot cheese in our recipe, and we used their [website](#) to learn more about cheese.



Keeping it Local...

We are working with a local restaurant, Bokies Drive In, to understand more about careers. Mrs. Boulais, the owner of Bokies, will be coming into our school so we can “pitch” our idea to her. We have a meeting scheduled in January. We would like to see if she will serve our mac and cheese at the restaurant.

Click here to read our [letter to Mrs. Boulais](#)

[Questions for Interview with Mrs. Boulais](#)



How is Cheese Made?

[Click Here for Video](#)



Careers to Explore in the Agriculture Industry

[Video Click Here](#)

