

## Core Skills Analysis

### Mathematics

- Learned to measure ingredients using cups and spoons, developing an understanding of volume.
- Practiced counting by measuring the number of cookies made.
- Explored basic addition and subtraction by figuring out how many cookies to bake and how many were eaten.

### Science

- Observed the changes in ingredients when mixed, noting how powdery flour turns into a dough.
- Learned about the baking process and how heat transforms the dough into cookies.
- Discussed the differences between raw and cooked food, enhancing their understanding of food safety.

### Language Arts

- Expanded vocabulary by learning the names of various ingredients like sugar, butter, and chocolate chips.
- Engaged in storytelling by creating a narrative about the cookies, enhancing creativity.
- Practiced reading skills by following a cookie recipe, connecting written words to actions.

### Fine Motor Skills

- Improved hand-eye coordination by rolling dough and cutting cookie shapes.
- Developed dexterity and strength by squeezing, rolling, and molding the cookie dough.
- Practiced pouring and stirring ingredients which assists in more precise movements.

### Tips

To further enhance this baking experience, students can explore the science of baking by experimenting with different flavors and textures. They might also benefit from creating their own recipes, which fosters creativity and critical thinking. Encouraging them to keep a baking journal can enhance their writing skills while documenting their experiences.

### Book Recommendations

- [If You Give a Mouse a Cookie](#) by Laura Numeroff: A fun story about a mouse who, after getting a cookie, sets off on a series of amusing adventures.
- [The Doorbell Rang](#) by Pat Hutchins: This delightful book explores sharing cookies as new friends arrive, teaching topics of friendship and sharing.
- [Sugar Cookies: Sweet Little Lessons on Love](#) by Amy Krouse Rosenthal: A charming story about baking cookies that instills lessons of love and kindness.