

THE PERFECT BATCH

HAILEY SKOGLUND, GUS LIPKIN, & COOKIE MONSTER

The left side of the slide features a decorative graphic consisting of three vertical, wavy lines. The outermost line is a light cream color, the middle line is a slightly darker cream, and the innermost line is a vibrant orange. These lines create a layered, organic shape that resembles a stylized wave or a modern logo element.

LITERATURE REVIEW



**“C IS FOR
COOKIE, AND
COOKIE IS
FOR ME!”**

– COOKIE MONSTER

PRINCIPLE 6:

“BUILD A CULTURE OF STOPPING TO IDENTIFY OUT-OF-STANDARD CONDITIONS AND BUILD IN QUALITY”

- Make sure the cookie dough tastes good
- If a cookie looks funny, eat it
- If a cookie looks too good, eat it
- Make sure the cookies you bring to share are the most average cookies
- Give the burnt cookies to people you don't like

PRINCIPLE 7: “USE VISUAL CONTROL TO SUPPORT PEOPLE IN DECISION-MAKING AND PROBLEM SOLVING”

BAKING POWDER



- gives cookies and artificial, chemical flavor
- results in Play-Doh texture

TOO MUCH FLOUR



- makes cookies dry, crumbly, and chalky

EVERYTHING MIXED TOGETHER AT ONCE



- results in inconsistent texture and flavor

NOT ENOUGH FLOUR



- cookies burn easily
- too much grease

OVER-CREAMED



- cookies become tough and hard

NO EGGS



- taste too sweet
- cookies are dry on the outside and doughy on the inside

NOT ENOUGH SUGAR



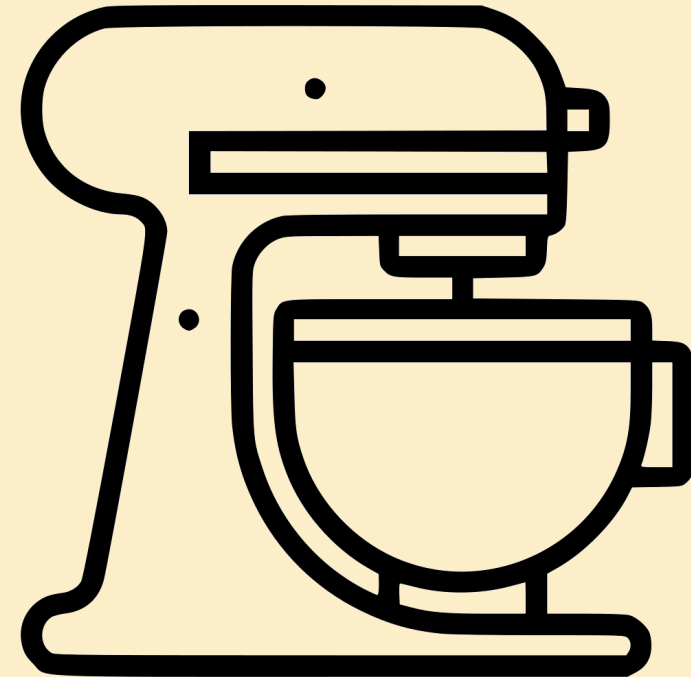
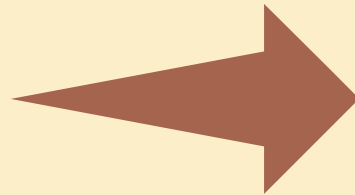
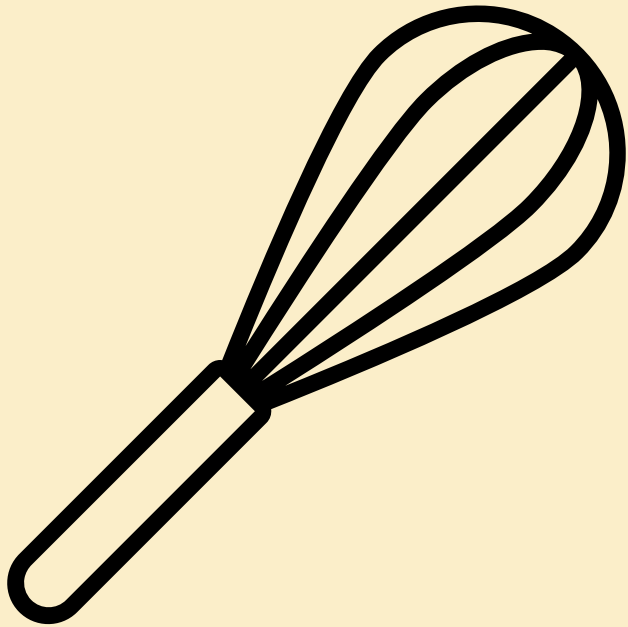
- tastes like shortbread
- cookies are dry on the outside and doughy on the inside

OVER-BAKED



- cookies are dry and crumbly
- results in a toasted flavor

PRINCIPLE 8:
**“ADOPT AND ADAPT TECHNOLOGY THAT SUPPORTS YOUR
PEOPLE AND PROCESSES”**

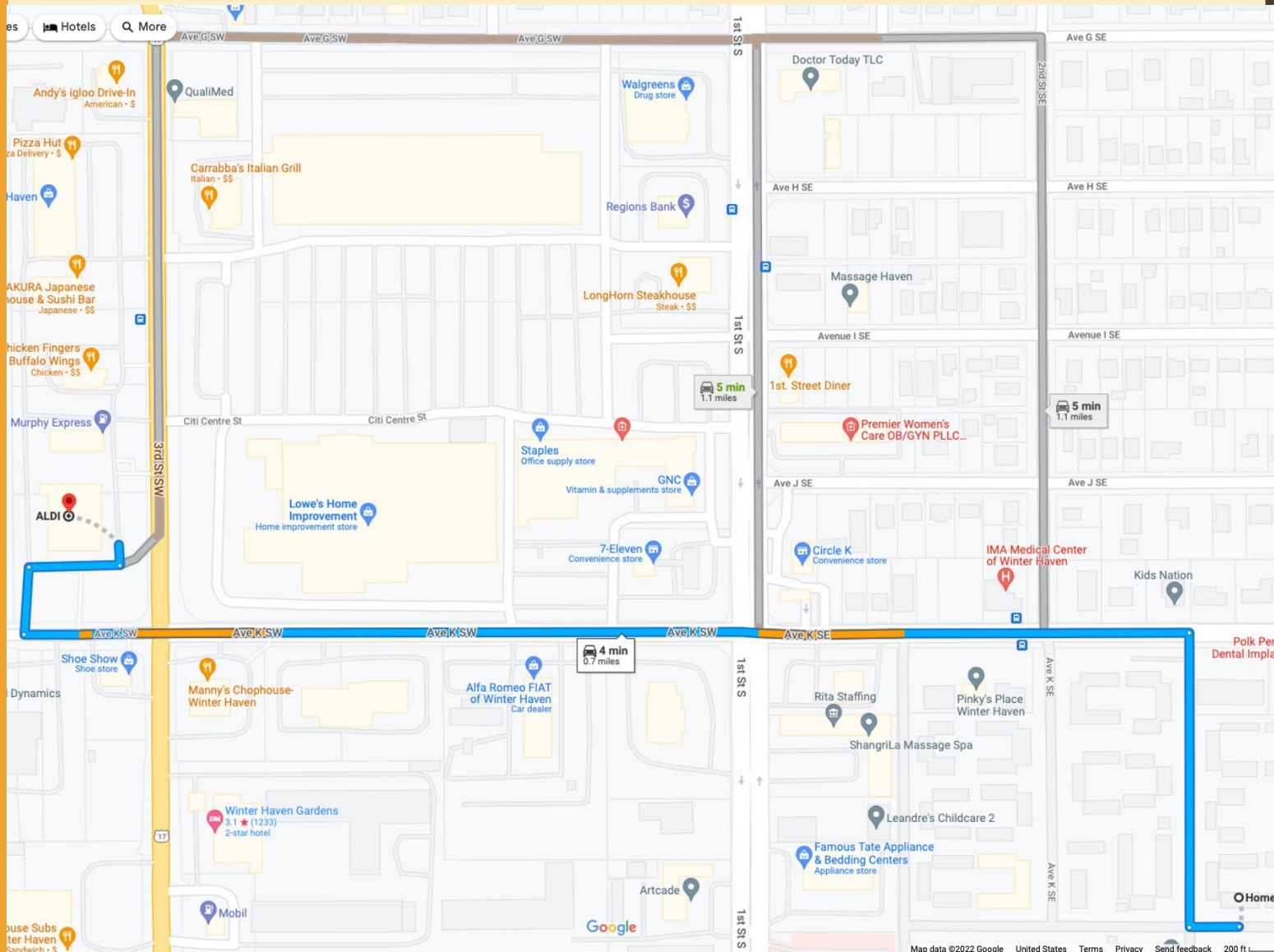


The left side of the slide features a decorative graphic consisting of three vertical, wavy lines. The outermost line is a light cream color, the middle line is a vibrant orange, and the innermost line is a slightly darker shade of orange. These lines are positioned on the left edge of the slide, creating a stylized, organic shape.

CHOOSING A STORE

STORE DISTANCES



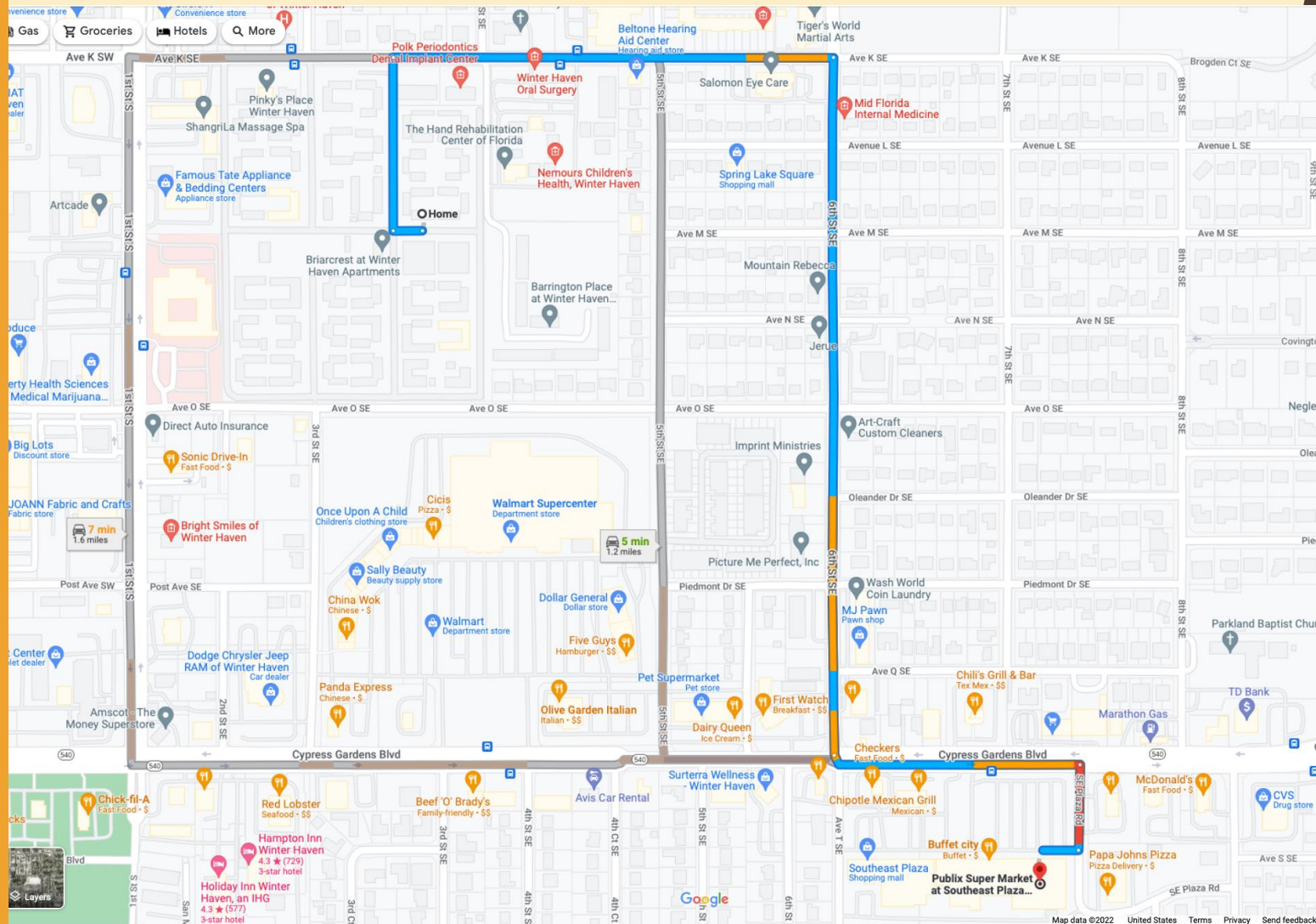


ALDI

– 3 routes

– Shortest: 4 min, .7 mile

– Longest: 5 min, 1.1 mile

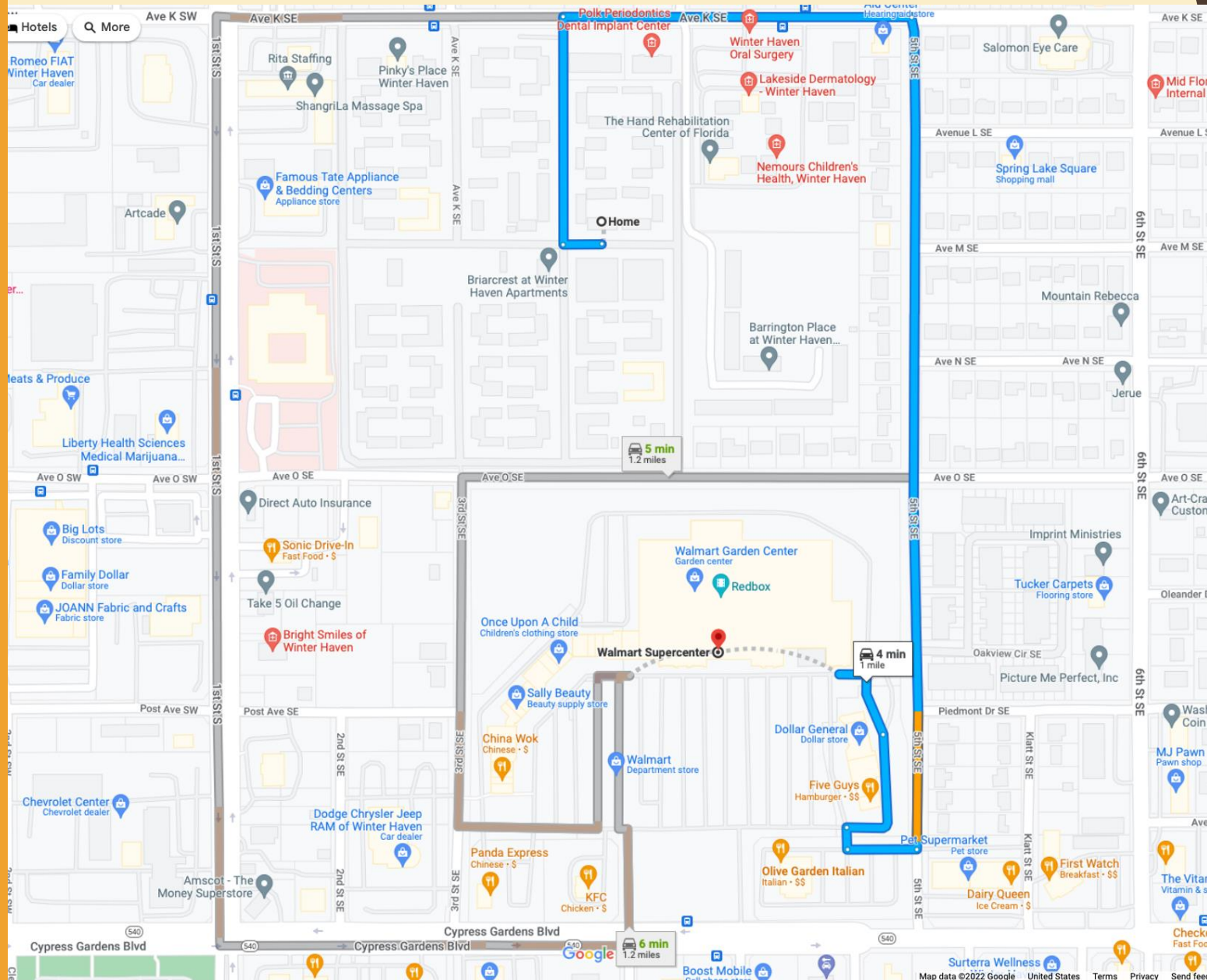


PUBLIX

– 3 routes

– Shortest: 5 min, 1.2 mile

– Longest: 7 min, 1.6 mile



WALMART

– 3 routes

– Shortest: 4 min, 1 mile

– Longest: 6 min, 1.2 mile

**STORE
PRICES**



ALDI

Aldi	Cost	Size	Unit	Unit Cost	Quantity	Total Cost	Qty Needed	Qty Remaining	Wasted Money	Total Wasted
Butter	\$ 2.85	16	oz	\$ 0.18	2	\$ 23.52	32	0	\$ -	\$ 1.99
Brown Sugar	\$ 1.79	32	oz	\$ 0.06	2		44.8	19.2	\$ 1.07	
Eggs	\$ 2.15	12	ct	\$ 0.18	1	Batches	8	4	\$ 0.72	Cost Per Cookie
Vanilla	\$ 6.49	2	oz	\$ 3.25	1	8	1.333333333	0.666666667	\$ 2.16	\$ 0.25
Salt	\$ 0.55	26	oz	\$ 0.02	1		1.6056704	24.3943296	\$ 0.52	
Flour	\$ 1.75	5	lb	\$ 0.35	1		2.65	2.35	\$ 0.82	
Chocolate Chips	\$ 1.65	12	oz	\$ 0.14	2		48	-24	\$ (3.30)	

PUBLIX

Publix	Cost	Size	Unit	Unit Cost	Quantity	Total Cost	Qty Needed	Qty Remaining	Wasted Money	Total Wasted
Butter	\$ 4.09	16	oz	\$ 0.26	2	\$ 41.66	32	0	\$ -	\$ 6.89
Brown Sugar	\$ 1.11	16	oz	\$ 0.07	3		44.8	3.2	\$ 0.22	
Eggs	\$ 2.71	12	ct	\$ 0.23	1	Batches	8	4	\$ 0.90	Cost Per Cookie
Vanilla	\$ 4.97	1	oz	\$ 4.97	2	8	1.333333333	0.666666667	\$ 3.31	\$ 0.43
Salt	\$ 0.95	26	oz	\$ 0.04	1		1.6056704	24.3943296	\$ 0.89	
Flour	\$ 3.31	5	lb	\$ 0.66	1		2.65	2.35	\$ 1.56	
Chocolate Chips	\$ 3.31	12	oz	\$ 0.28	4		48	0	\$ -	

WALMART

Walmart	Cost	Size	Unit	Unit Cost	Quantity	Total Cost	Qty Needed	Qty Remaining	Wasted Money	Total Wasted
Butter	\$ 3.58	16	oz	\$ 0.22	2	\$ 33.16	32	0	\$ -	\$ 4.65
Brown Sugar	\$ 1.62	32	oz	\$ 0.05	2		44.8	19.2	\$ 0.97	
Eggs	\$ 2.50	12	ct	\$ 0.21	1	Batches	8	4	\$ 0.83	Cost Per Cookie
Vanilla	\$ 4.98	2	oz	\$ 2.49	1	8	1.333333333	0.666666667	\$ 1.66	\$ 0.35
Salt	\$ 0.48	26	oz	\$ 0.02	1		1.6056704	24.3943296	\$ 0.45	
Flour	\$ 1.56	5	lb	\$ 0.31	1		2.65	2.35	\$ 0.73	
Chocolate Chips	\$ 3.31	12	oz	\$ 0.28	4		48	0	\$ -	

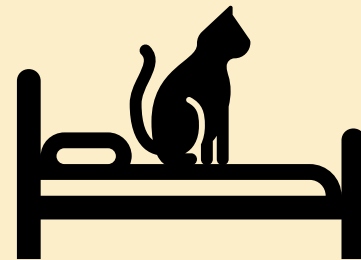
	Cost	Distance	Travel Cost	Total Cost
Aldi	\$ 23.52	0.7	\$ 0.24	\$ 23.76
Publix	\$ 41.66	1.2	\$ 0.41	\$ 42.07
Walmart	\$ 33.16	1	\$ 0.34	\$ 33.50

STORE DECISION

A decorative wavy line in orange and cream colors runs vertically along the left side of the image.

ORGANIZING THE COOKING SPACE

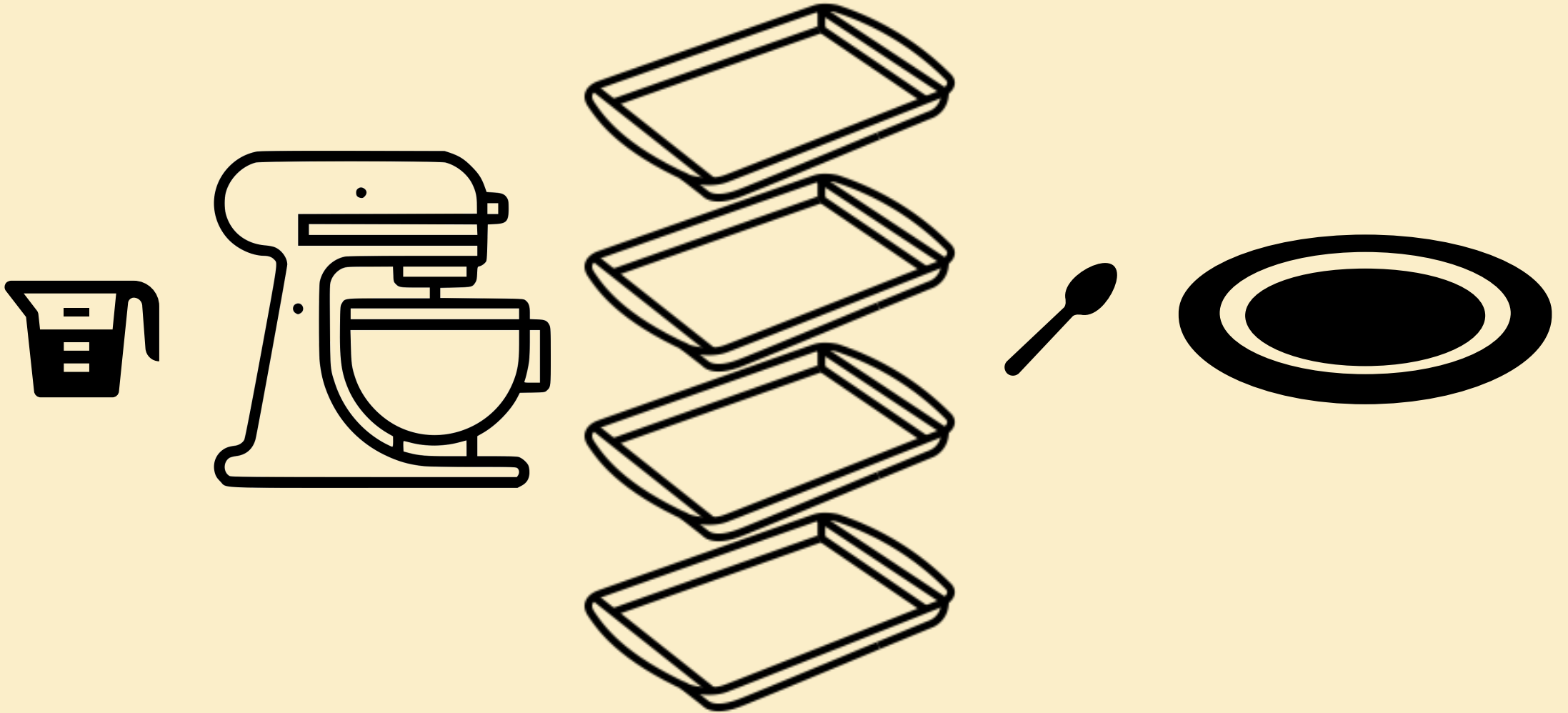
1. REMOVE CAT FROM TABLE



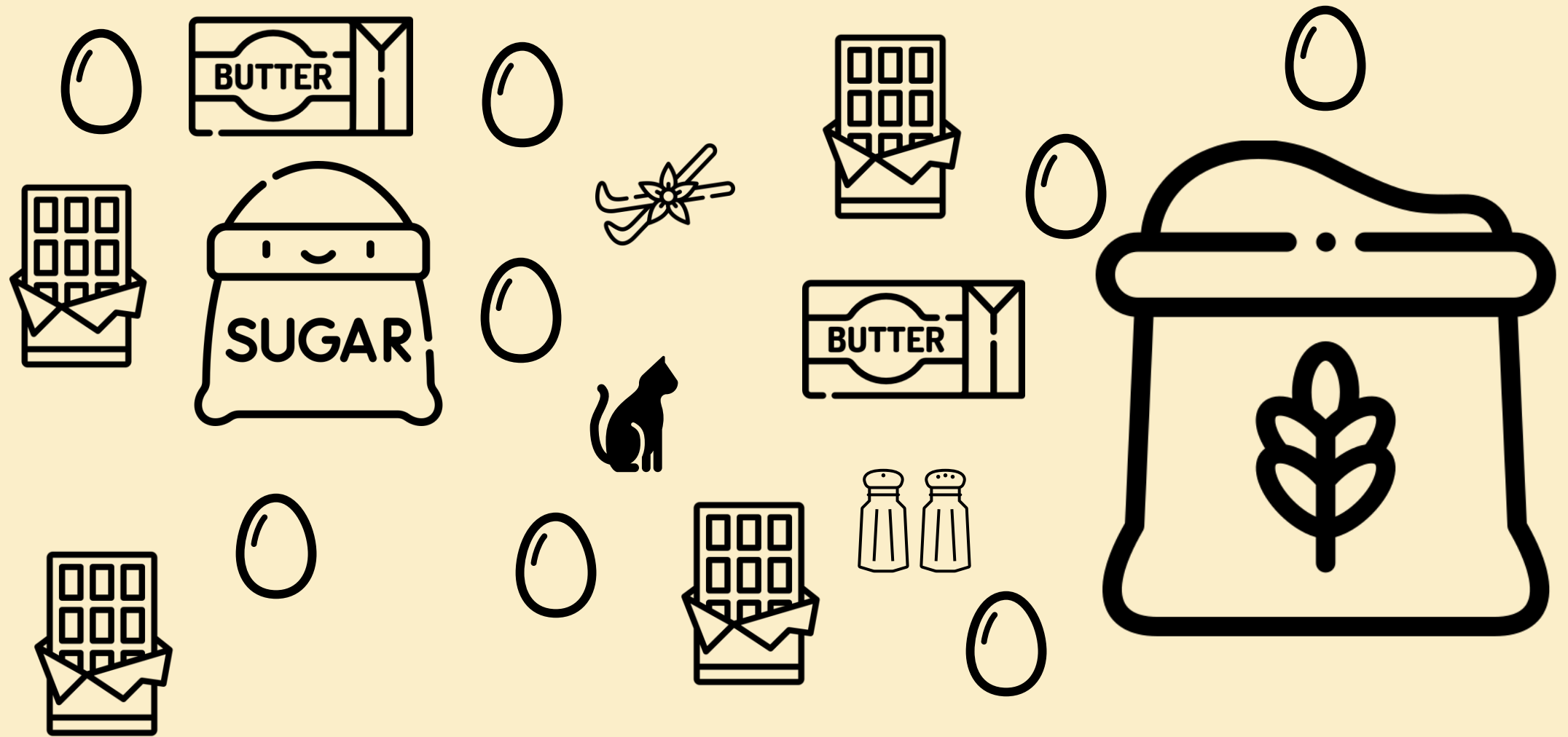
2. GATHER EQUIPMENT



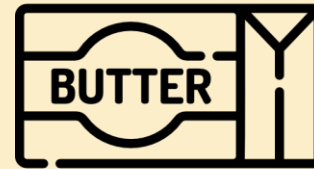
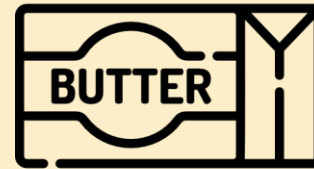
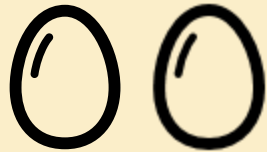
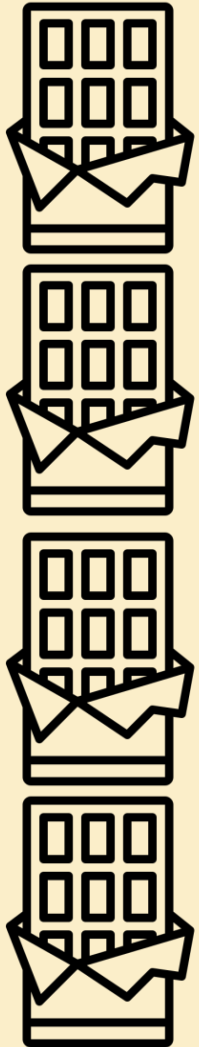
3. ORGANIZE EQUIPMENT



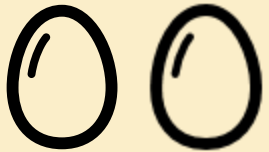
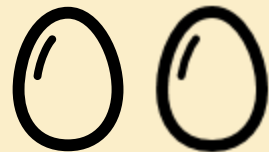
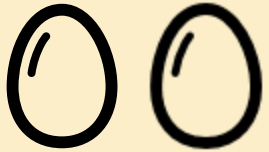
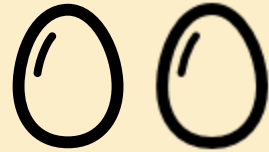
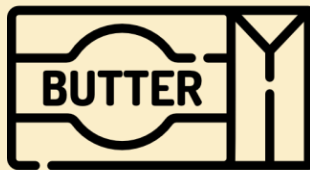
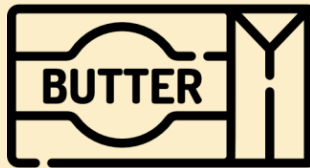
4. GATHER THE INGREDIENTS



5. SORT THE INGREDIENTS



6. SET THE INGREDIENTS IN ORDER

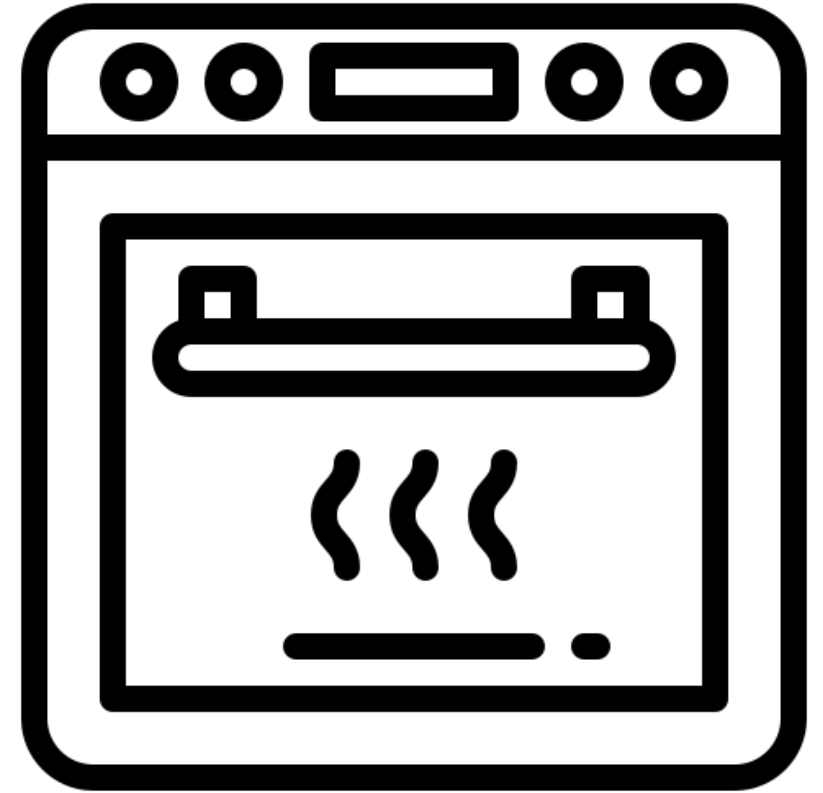


- 7. SHINE?**
 - 8. STANDARDIZE**
 - 9. SUSTAIN**
- 

The left side of the slide features a light cream-colored background with two wavy, vertical lines. The inner line is a vibrant orange, and the outer line is a slightly lighter shade of cream, creating a layered, organic effect.

OPTIMIZING COOKIE PRODUCTION

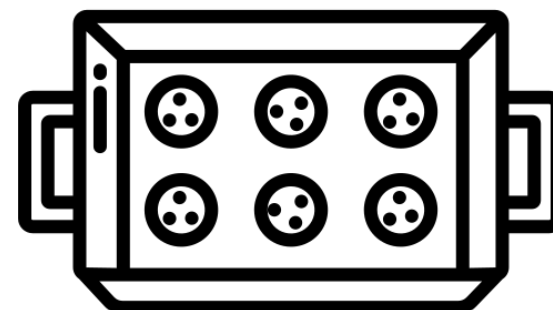
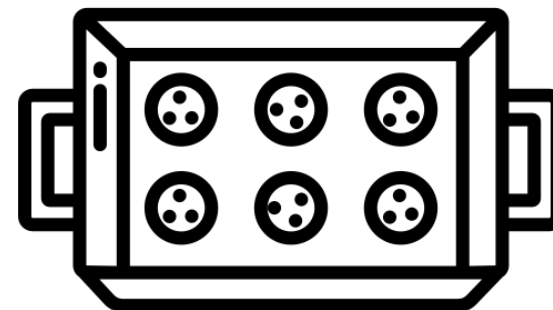
1. PREHEAT THE OVEN



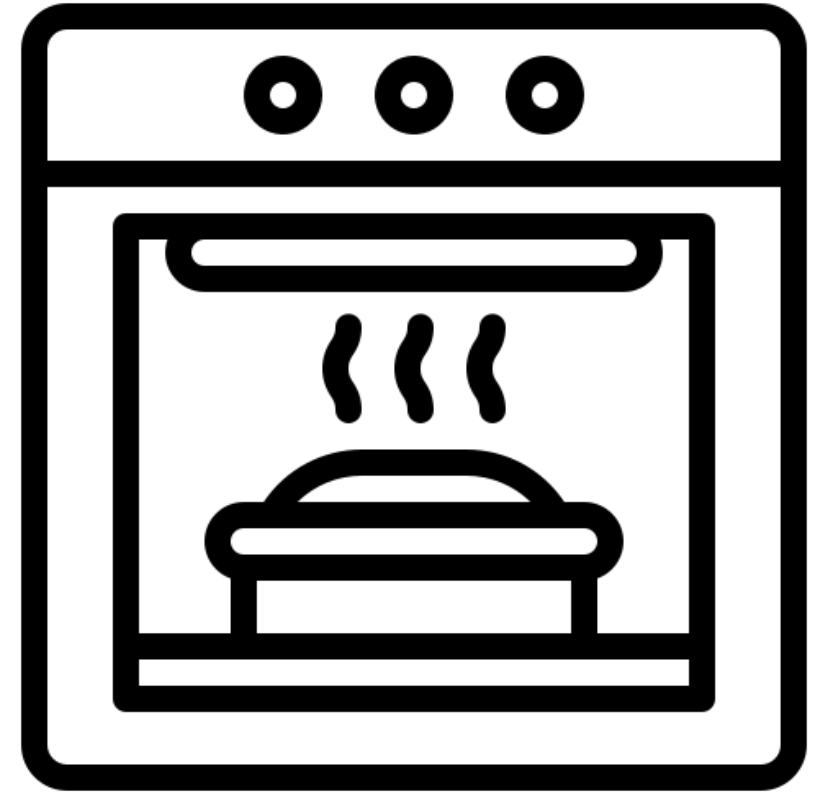
**2. WHILE
PREHEATING,
MIX
INGREDIENTS**



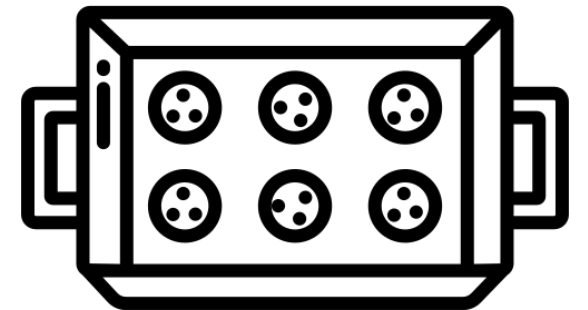
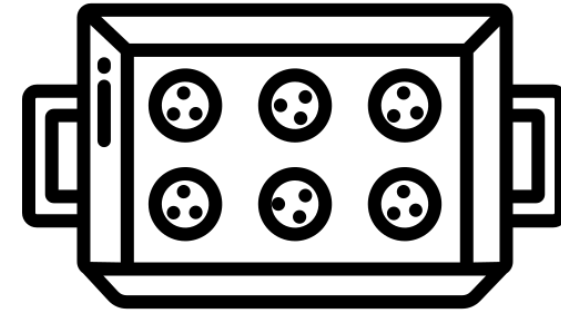
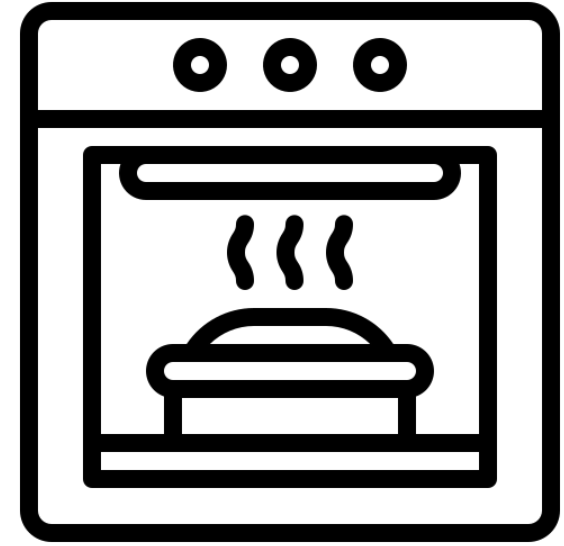
3. PREPARE FIRST BATCH



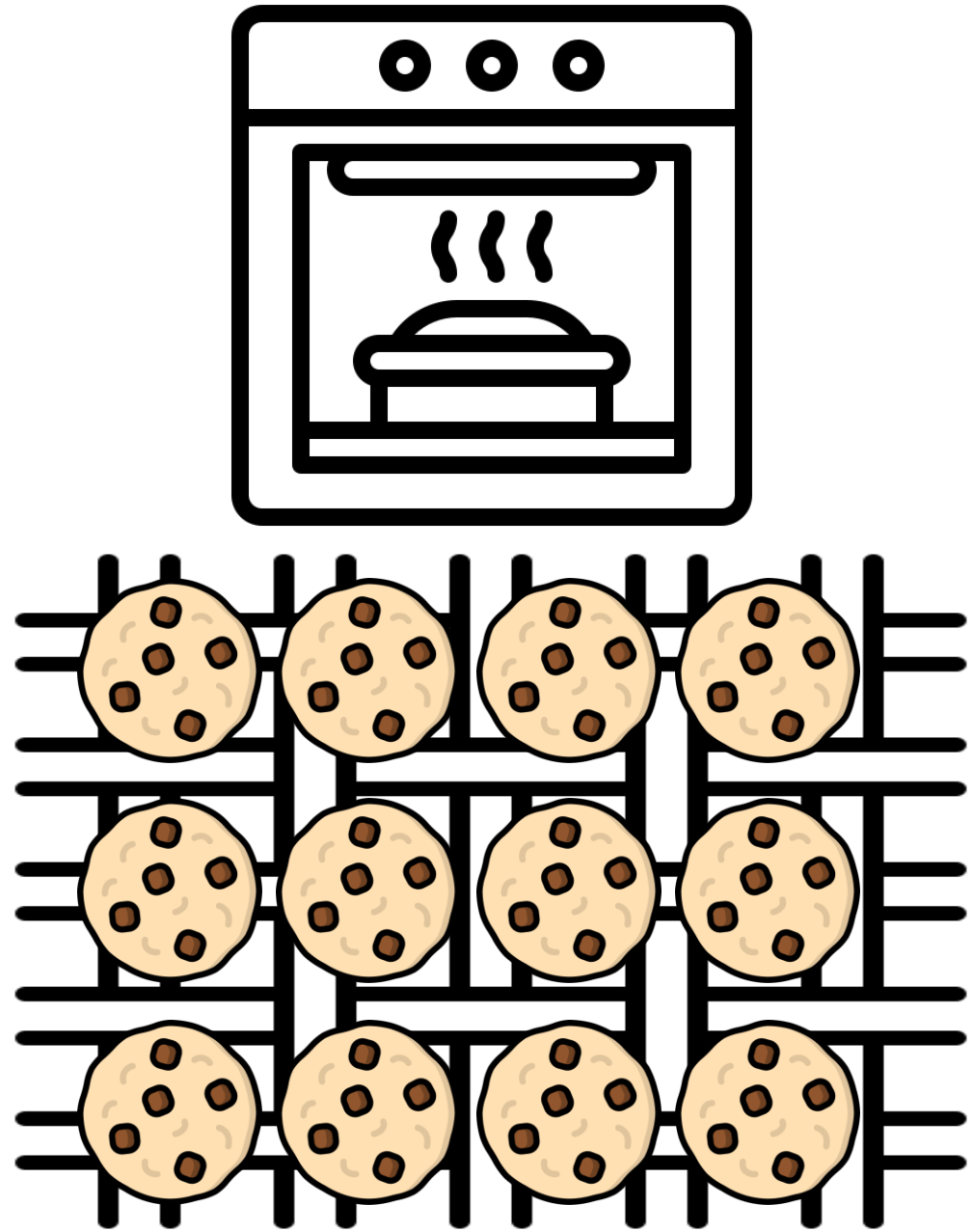
**4. PUT
COOKIES IN
OVEN**



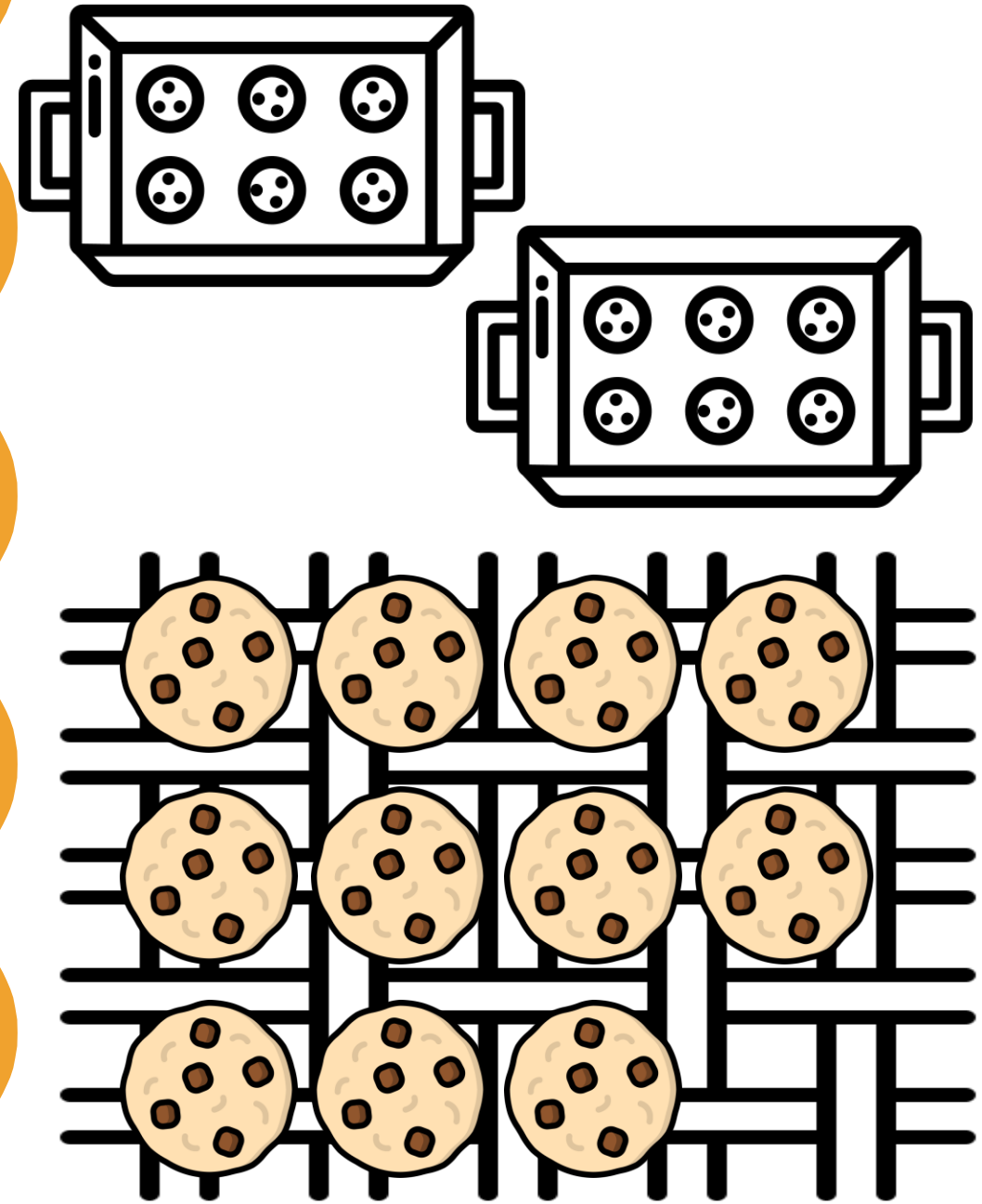
**5. WHILE COOKIES
ARE BAKING
(10 MIN), PREPARE
NEXT BATCH**



**6. REMOVE
COOKIES FROM
OVEN, PLACE NEW
BATCH IN OVEN,
ALLOW COOKIES
TO COOL (10 MIN)**



**7. REPEAT
STEPS 5 AND 6**



Description	Task	Predecessor	Time
Preheat Oven	A		15
Mix Ingredients	B		10
Prepare Batch	C	B,E	5
Bake Cookies	D	AC	10
Cool Cookies	E	D	10

PRECEDENCE CHART

MATH

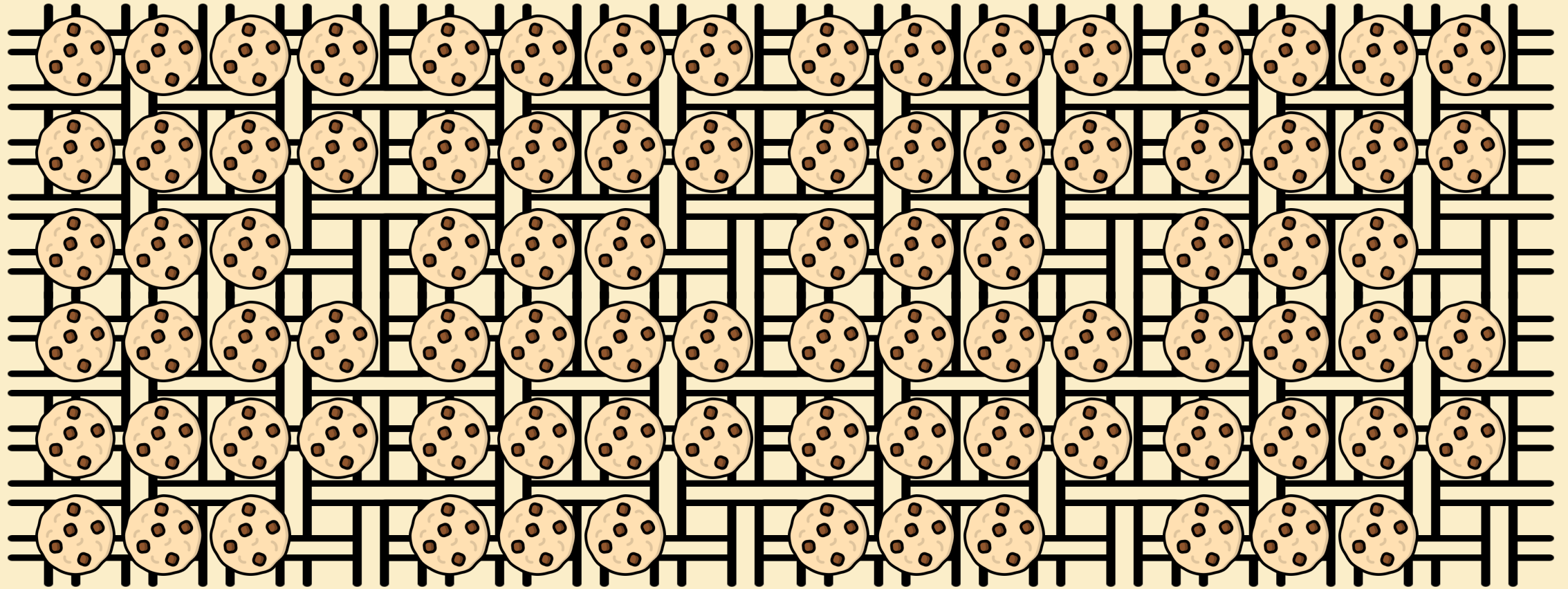
Hourly Output	Takt Time	Minimum Workstations	Efficiency
72	37.5	2	66.66%
Daily Output	Bottleneck Output		Balance Delay
576	240		33.33%

Total project time: 120 Minutes

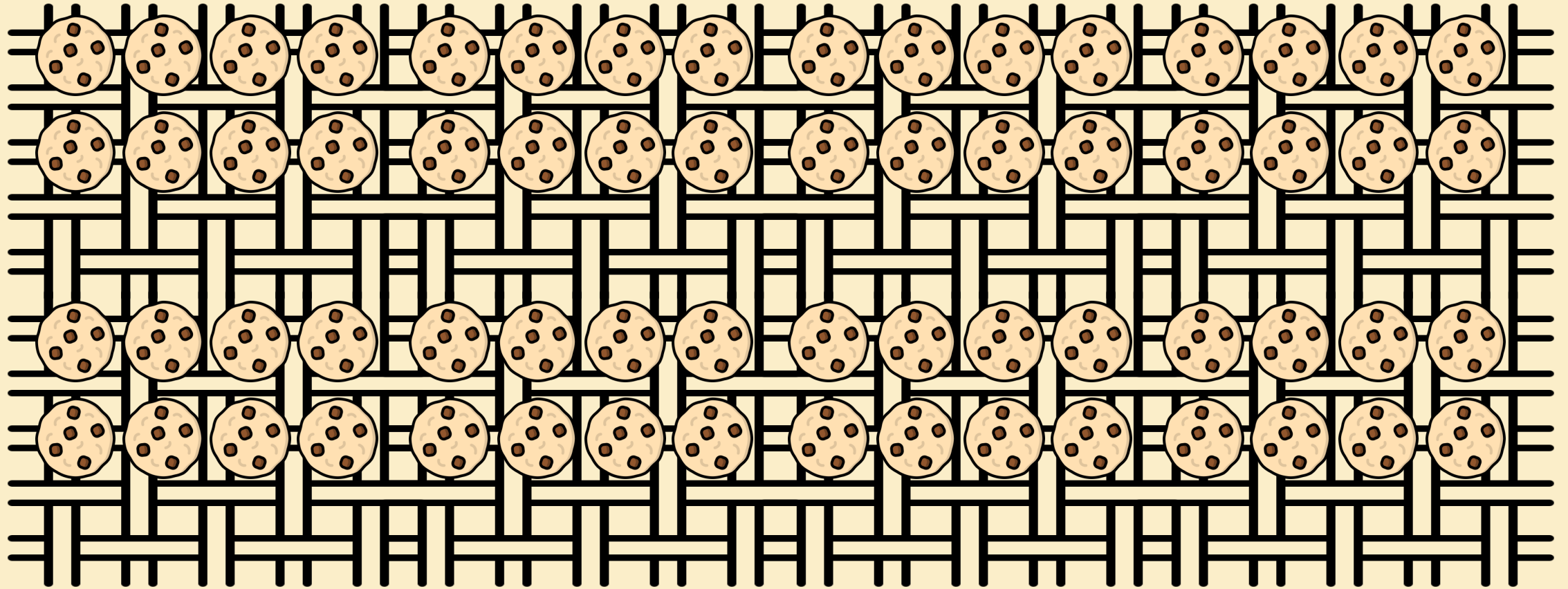
A decorative graphic on the left side of the slide consisting of three parallel, wavy vertical lines. The outermost line is a light cream color, the middle line is a vibrant orange, and the innermost line is a slightly darker shade of orange. These lines flow from the top to the bottom of the frame.

QUALITY CONTROL

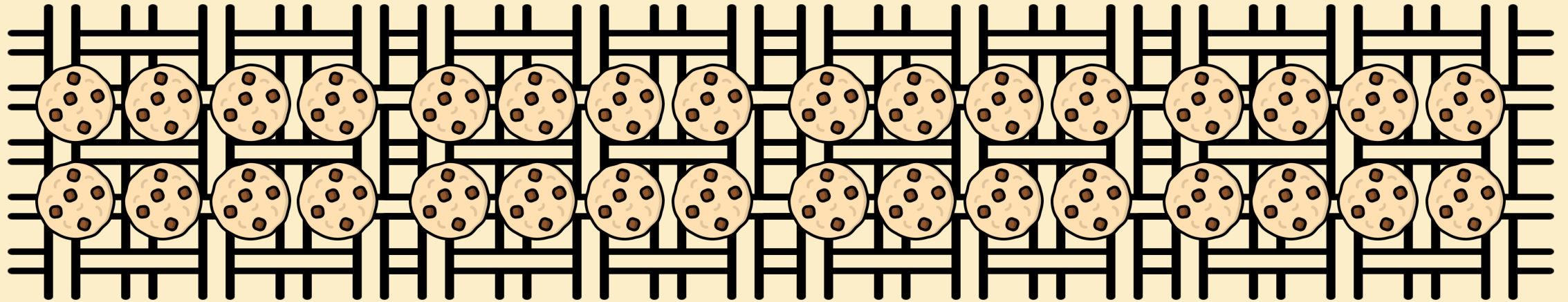
SAMPLE THE COOKIES



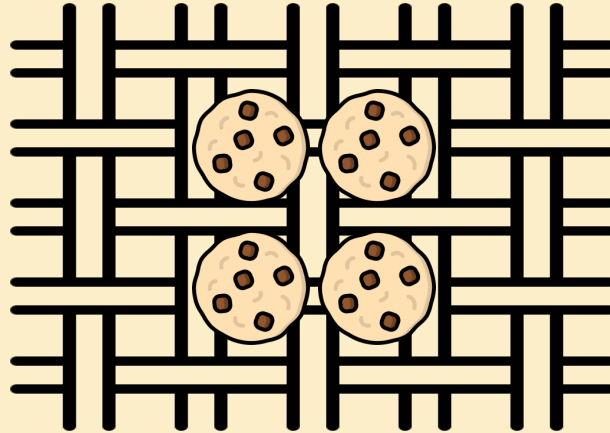
SAMPLE MORE COOKIES



SAMPLE MORE COOKIES



**LEAVE A FEW COOKIES IN THE FRIDGE SO
YOU CAN SAY YOU DIDN'T EAT ALL OF THEM**



A decorative graphic on the left side of the slide, consisting of a light cream-colored area with a thick, wavy orange line running vertically through it.

CONCLUSION



**“10/10, BEST
COOKIES
EVER”**

– COOKIE MONSTER

THE PERFECT BATCH

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