SIMPLY EARTH

HOMESCHOOL

Mango Butter Hand Cream

A Free Lesson from Simply Earth Homeschool



🦊 EXPLORATION · 8-11

THIS BOOK BELONGS TO: _____



a note from Katie

A Note to the Student

Welcome, Mini-Maker!

Today, you get to make something real: a Mango Butter Hand Cream you can actually use.

You'll learn what mango butter is and where it comes from. You'll follow a real recipe, measure real ingredients, and whip them into a cream that looks and feels just like something from a store. The secret? You made it yourself.

Some ingredients need a grown-up's help. That's part of working safely in a real kitchen.

Grab your notebook. Let's get to work

Katie

SIMPLY EARTH HOMESCHOOL



What is an Entrepreneur?

🏃 WARM-UP

Shake on It! Shake hands with a pretend customer three silly ways — too floppy, too squeezy, and way too long. Then do one that's just right.

An **ENTREPRENEUR** (on-truh-pruh-NUR) is a person who starts a business and takes a risk to run it. The word comes from the French entreprendre, "to undertake." Here's the risk part: an entrepreneur pays for ingredients before making a single product — and nobody can promise how many customers will buy. This month, that entrepreneur is you.

Every entrepreneur buys raw materials from suppliers — the businesses that sell them — and every small business runs on its inventory: the ingredients and supplies it has on hand. Before you make a single product in the Recipe Box, review the file on each of your inventory items — real ingredients, including Simply Earth blends.

INGREDIENT 1: SWEET ORANGE

"Cold-pressed, never heated." Comes from the peel of one fruit (Citrus sinensis) — no distillation, just pressure. Ingredient notes: your most-used single oil this month, in half your product line. Low-cost, versatile, reliable.

INGREDIENT 2: NUTMEG

"Steam-distilled from the seed." Nutmeg once grew only on a few islands in Indonesia — so valuable that in 1667 the Dutch traded away Manhattan to keep one! Ingredient notes: warm and grounding.

INGREDIENT 3: CRANBERRY SEEDS

"Just dried and ground." Grown in North America. Ingredient notes: your only gritty ingredient. Fun fact: Wisconsin, home of Simply Earth, grows more cranberries than any other state!

INGREDIENT 4: MANGO BUTTER

"Pressed, not distilled." Kernel-pressed from mango pits; mango trees have been farmed in South Asia for roughly 4,000 years. Ingredient notes: your best raw material for rich texture.

INGREDIENT 5: CANDY CANE BLEND

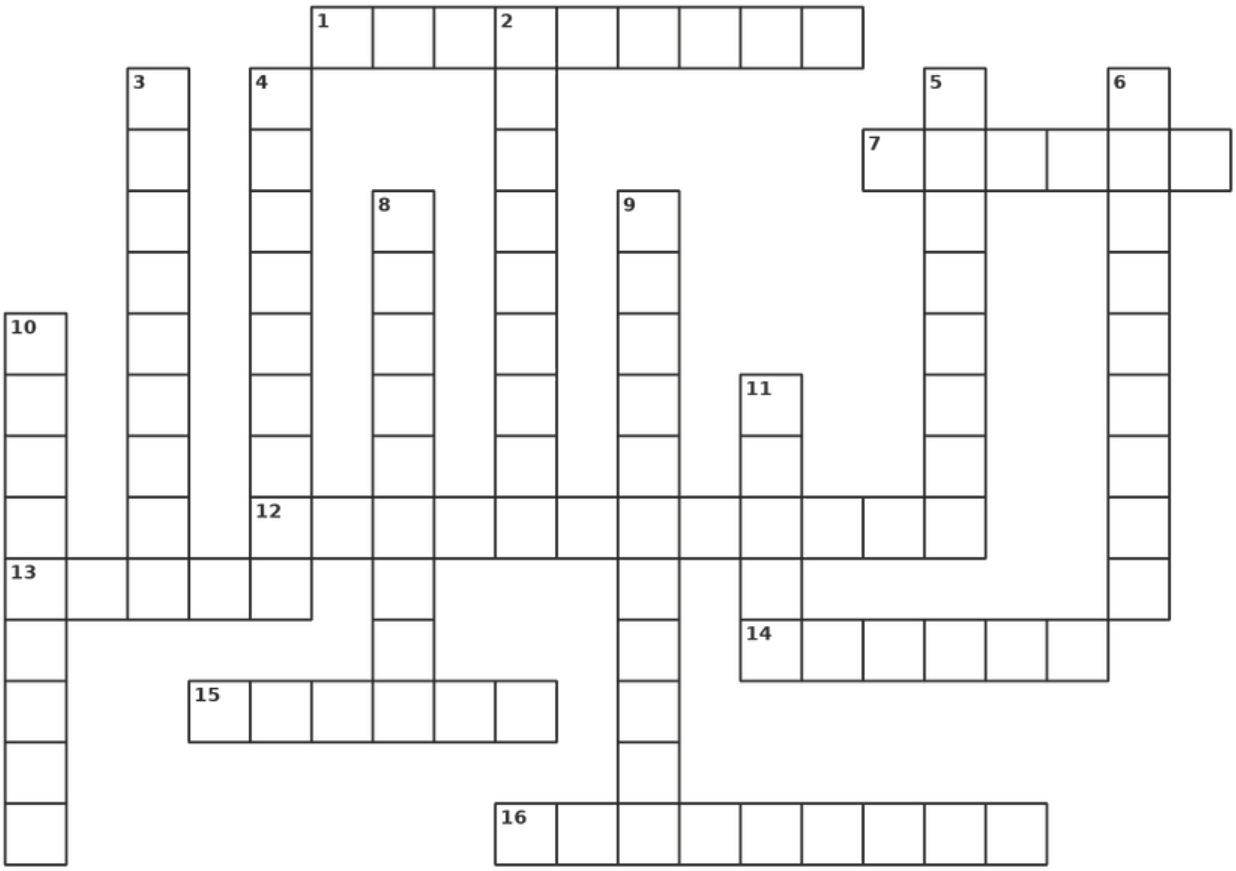
(Simply Earth blend) — "Four oils, one signature scent" (Sweet Orange, Lemon, Spearmint, Frankincense). Ingredient notes: your most-used ingredient this month — three different products use it. Built for versatility.

INGREDIENT 6: MISTLETOE MINT

(Simply Earth blend, new this month) — "Seven oils, one bold statement" (Peppermint, Spearmint, Wintergreen, Cinnamon Leaf, Peru Balsam, Clove, Cassia). Ingredient notes: your most potent ingredient — used sparingly, and only for ages 10 and up.

Ingredient Crossword

Use your inventory files (pages 5-7) to solve the crossword.



ACROSS
1.) The state that grows the most cranberries - and home to Simply Earth!
7.) Warm and grounding; steam-distilled from a seed.
12.) A person who starts a business and takes a risk to run it
13.) Several oils mixed together; like a recipe
14.) Sweet _____: bright and versatile, cold-pressed from a peel
15.) The part inside a mango pit that mango butter comes from
16.) The present-day country in the old nutmeg islands.

DOWN
2.) _____ Blend: built to layer into everything
3.) _____ Mint Blend: built to be bold, all on its own
4.) Nutmeg is steam-_____from the seed
5.) A business that sells you your raw materials
6.) Able to be used in lots of different ways
8.) The island the Dutch traded away in 1667 to keep a nutmeg island
9.) Made with no heat, just pressure (no hyphen)
10.) Its dried, ground seeds give a gentle gritty polish
11.) Its butter is pressed from the kernel inside the pit

Mango Butter Hand Cream



🏃 WARM-UP

Free Sample Practice! Hold out an invisible tray and offer a free sample to three people (or stuffed animals) in the room: "Would you like to try my new hand cream?" Smile, make eye contact, and say thank you — even if they say no!

A NEW PRODUCT, NO NEW INGREDIENTS

A regular customer at your booth loves your massage bar, but she asks: "Do you have something softer I could use on my hands every day?" You don't want to buy any new ingredients. Can you make a brand-new product from the same mango butter, coconut oil, beeswax, and almond oil you already have?

The method: **whipping**. Beating the partly cooled mixture folds tiny air bubbles into the fat, and they stay trapped as it finishes cooling. Adding air like this is called aeration. Whipping is a physical change — it changes how something looks and feels, but not what it's made of. The result is a cream that looks and feels much lighter and fluffier than the same recipe poured straight: same ingredients, same cost, totally different product.

Timing matters, just like the seeds in Lesson 4. Whip too early, while the mixture is still runny (low viscosity — viscosity means how thick or runny a liquid is), and the air escapes before the fat sets. Whip once it has started to thicken, and the air stays trapped.

Candy Cane Blend — the most-used ingredient in your inventory (the ingredients and supplies your business has on hand) — shows up again: it's in three different products this month. That's what "built to layer into everything" means.

⭐ DID YOU KNOW?

When Estée Lauder was a young girl, her uncle moved in with her family and turned the old stable behind their house into a lab for making skin creams. She loved watching him mix them — and she grew up to start one of the biggest beauty companies in the world.

What Do You Think?

PART A - THINK IT THROUGH

1. What does whipping add to the cream?

_____

2. Goldilocks Whip Time! When is the just right time to start whipping? Circle one:
◯ Right away, while it's runny ◯ When the edges look cloudy ◯ When it's hard as a hockey puck

3. Why do you think giving free samples helped Estée Lauder sell more cream?

_____

VOCAB POWER - PICK THE RIGHT MEANING

Circle the letter of the correct definition.

1.) **Aeration** means:

A. Cooling a mixture until it turns solid
B. Adding air to something
C. Giving your dog a fancy haircut

2.) a **Physical Change** means:

A. A change that turns ingredients into a brand-new substance, like baking a cake
B. A trip to the doctor for your yearly checkup
C. A change in how something looks or feels, but not in what it's made of

3.) **Viscosity** (review word, page 17) means:

A. How thick or runny a liquid is
B. How hot a liquid is
C. A secret club for very sticky snails

4.) Your **Inventory** is:

A. A customer who buys from your booth every week
B. The ingredients & supplies your business has on hand
C. A fancy name for the junk drawer in your kitchen

PART B - FILE YOUR PREDICTION

Predict how a whipped spoonful and a poured spoonful of the same recipe will look and feel different.

_____

_____

Mango Butter Hand Cream

MATERIALS



- 1 Tbsp Mango Butter
- 1 Tbsp Coconut Oil (Solid)
- 1 tsp Beeswax
- 1 Tbsp Almond Oil
- 8 drops Candy Cane Essential Oil Blend
- 2oz Jar or Tin + Product Tag
- Optional: 5 drops Vitamin E (helps it stay fresh longer)

PROCEDURE

1. Melt mango butter, coconut oil, and beeswax (adult handles heat)
2. Stir in almond oil
3. Cool until the edges turn slightly cloudy
4. Add essential oil (and Vitamin E, if using)
5. Spoon a little into a small dish to compare later, then whip the rest (or pour it smooth)
6. Put it in your jar; tie on a product tag.

Dilution rate: ~0.8% **Kid Safe:** Yes, 2+

Test Batch Results

STEP 1 — LOOK · FEEL · SNIFF

LOOK: ◯ White ◯ Cream ◯ Shiny ◯ Fluffy ◯ Smooth

FEEL (rub a pea-sized dab between your fingers): ◯ Light ◯ Rich ◯ Silky ◯ Greasy

SNIFF: ◯ Herbal ◯ Spicy ◯ Citrus ◯ Minty ◯ Sweet ◯ Fresh

STEP 2 — TEST IT LIKE A CUSTOMER

Wash and dry your hands. Scoop a pea-sized dab with a clean, dry spoon, warm it between your palms, and rub it into your hands. Wait 2 minutes.

◯ My hands feel soft ◯ Too greasy ◯ Soaked right in ◯ Too thick ◯ Just right

STEP 3 — MAKE IT YOURS

Circle anything you'd like to try in your next batch:

BUTTER

- Mango butter
- Shea butter
- Cocoa butter

SCENT

- Candy Cane
- Sweet Orange + Nutmeg (4 drops + 2 drops)
- Mix your own from your box: _____

TEXTURE

- Whipped and fluffy
- Poured and smooth
- Softer, like lotion (use ½ tsp beeswax)
- Firmer, like a stick (double the beeswax)

FRESHNESS

- Keep It
- Add Vitamin E so it stays fresh longer

CONTAINER

- Jar
- Tin

My favorite thing about my cream: _____

Analysis: Compare your whipped cream to the poured spoonful. How are they different? Was your prediction from page 26 right? Bonus points for using the word *aeration!*



Lessom Done!

*You're a **Confident Maker.***

✓ IN THIS LESSON, I CAN...

- [ ] Explain what mango butter is and where it comes from
- [ ] Follow a real recipe from start to finish
- [ ] Describe what whipping does to a cream
- [ ] Test a product like a real maker

SIGNED _____ DATE _____

💪Want more? Ask your grown-up about the Simply Earth Homeschool Recipe Box!!

What's Next?

Did you love making your Mango Butter Hand Cream? There's a whole lot more where that came from!

Ask your grown-up about the **Simply Earth Homeschool Recipe Box** — every month you get a new recipe, new ingredients, and a new lesson just like this one.



TIP

Right now, homeschool families get **50% OFF** their **first Recipe Box**! Every month you get *6 new recipes and the main ingredients* delivered to your door. And if you have ESA funds, the Recipe Box is ESA-eligible in most states. Keep the making going!