

Gingerbread House Bundle

4th — 5th
Grade

**FLIP THAT
GINGERBREAD HOUSE!**
Project Based Learning

4th - 6th Grade
Print & Digital

WHAT IS AN INVOICE?

An invoice is a document created to keep track of purchases. Invoices are organized and detailed. They are used by people who buy and sell goods.
It is essential for you to keep an invoice as you renovate your property. This will help you stay within your budget and help you calculate the value of your renovated home.

Example: This invoice was created by a carpenter. She tracked her purchases while building a treehouse in order to stay within her budget and know the value of the treehouse. Read the blue boxes to learn more about each column.

every item purchased	Cost	Cost Spent	Added Value
Refinished lumber	\$200	\$200	\$200
Roof Shingles	\$50	\$50	\$50
Roof Screws	\$5	\$5	\$5
Brick Brackets	\$20	\$20	\$20
Walls	\$0	\$0	\$0
Decorative	\$2	\$2	\$2
Chain Link	\$10	\$10	\$10
DIY Plan	\$0	\$0	\$0
Curtain Rod	\$7	\$7	\$7
2 ft. Curtain	\$10	\$10	\$10
Total amount of items bought	\$294	\$294	\$294
Total Value of the Treehouse			\$294

4th — 5th
Grade

**Gingerbread House
Escape Room**



Print and Digital



Print and Digital

Gingerbread House Escape Room

4th — 5th
Grade



You know the story of Hansel and Gretel! Two sweet little children, looking for food, and leaving a trail of breadcrumbs behind them! Soon, they meet a friendly witch who's more than happy to have them for dinner! See if YOU can escape my gingerbread house!

- Challenge 1: Get two long walls for your gingerbread house.
- Challenge 2: Get two short walls for your gingerbread house.
- Challenge 3: Get a roof for your gingerbread house.
- Challenge 4: Get icing for your gingerbread house.

After each challenge, collect some gingerbread parts to build your house!



Print and Digital

Print & Two Digital Options

Digital Instructions

[Click here](#) to access the Google Slides version of this resource.

[Click here](#) to access the Decorator's Decoder to use in Google Sheets.

[Click here](#) to watch a video to use the digital version of this

Printable Directions

Materials:

- Printed cards for each team
- Computer or tablet for videos (optional)

Duration: Approximately 90 minutes. You can also split this up into four 20 to 30-minute activities over four days, having students complete one challenge per day.

Prep: Print challenge cards and recording sheet for each team. Place challenge cards into envelopes.

Directions:

1. Split your class into teams of 4-5 students. Ensure teams are multi-level.
2. (Optional) Show the introduction video.
3. Give each team their envelope for challenge #1.
4. Allow time for the teams to work through each challenge. Once they complete the challenge, they should record answers in their brochure. Then, they will turn the code in to the teacher to check before the teacher assigns the next challenge. (Optional) Teacher may show completion videos after each challenge is solved. Students can also scan the provided QR codes to view the videos.
5. The first team to complete all four challenges escapes the gingerbread house first!
6. Assign "oops" cards to help create equity. Give an "oops" card to students who are taking the lead, to encourage them to step back and give other students a turn.

The Story

Scan the QR code or [click here](#) to view the video.



Print Friendly Version

The Magic Song Vines

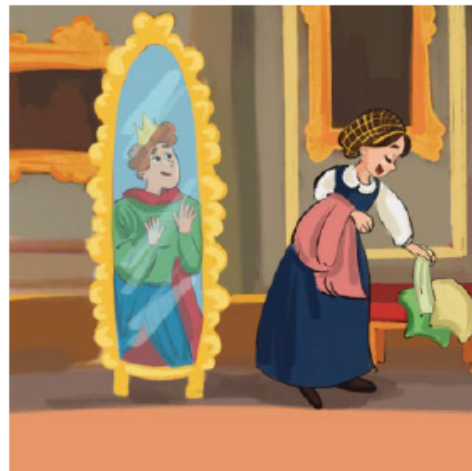
Many years ago, there were two brother princes, Aron and Neav. Aron was one year older than Neav and heir to their father's throne. But Neav wanted to be king. He didn't want his brother's blood on his hands though, so he found a spell and trapped Aron in a mirror. While Aron could see and hear what happened outside the mirror, no one could see him inside it.

Neav kept the mirror in his chamber. Each night he stood before it and told Aron about all the awful plans he had for the kingdom once he was king.

Aron was in agony knowing he couldn't do anything from inside the mirror to stop his brother's evil plans. He pounded his fists against the mirror, but it never broke. He yelled from his side, but no one ever heard him. He searched for another way out, but none existed.

How would he ever fulfill his destiny to be the true king if he remained trapped? Would he always be alone inside that mirror, never to know the company of his family, his friends, and the kingdom's people? Most importantly, would he have to watch his brother rule with evil intentions from inside this mirror forever?

Worried about all these matters and more, Aron's heart became full of despair. Then, one day, he heard the most beautiful singing, like the voice of an angel. Aron raced to the mirror and found a lovely maid tidying Neav's chamber. Her song was more melodious than any bird Aron had ever heard, more cheerful than any flute that ever played, more hopeful than any dream.



©2015 Betsy

dungeon and the kingdom was saved from Neav's evil plans.

©2015 Betsy

ted around its
When the maid

heard the

shout.
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Digital Webscape™ & Google Slides



Webscape™ is Interactive & Self-Correcting!

Challenge #1

Click on the book to read the text, then click on each clue and answer the questions. Answer carefully, because the right answers will give you the clues to solve the challenge!

How did you walk around the melting floor?

Text



Clue #1



Clue #2



Clue #3



Clue #4



Clue #5



Clue #6



Webscape™ Includes Audio Option!



Cordelia and the Animal Army

In a kingdom far away, a young woman named Cordelia lived in a small cottage. Her home was simple. The sheep that she kept in a fenced pen beside the cottage were her only family.

But that was not always the case.

When Cordelia was just a child, she lived in the great palace on the mountain. Her parents were the king and queen of the kingdom. She enjoyed every luxury of the land. The finest clothes, the rarest jewels, and every kind of food one could imagine were all hers. Her life was so different from the lonely, dirty, and hungry one she lived now.

All thanks to an evil wizard.

It had been a stormy night. Lightning streaked across the black sky. Thunder echoed off the palace's stone walls. Rain beat down on the entire kingdom. Cordelia hadn't been able to sleep, so she called out to her maid.

"Rosalie, can you bring some warm milk to settle me?"

Rosalie didn't answer. Rosalie *always* answered. Cordelia slid out of bed. She crept to her chamber door and peeked into the hallway. It was entirely empty! There was no sign of Rosalie or palace guards or anyone at all.

Then, something moved. There in the shadows at the end of the hall.

A man with a horribly scarred face rushed at her, sparks flying from his fingertips and passing right through Cordelia. When she



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Videos Tell the Story



Four Reading Comprehension Challenges



GINGERBREAD HOUSE Escape Room Map

Challenge #1: Read the story and answer the questions to get two short walls for your gingerbread house.

Challenge #2: Read the story and answer the questions to get two long walls for your gingerbread house.

Challenge #3: Read the story and answer the questions to get a roof for your gingerbread house.

Challenge #4: Read the stories and answer the questions to get icing for your gingerbread house.

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Comprehension Questions

1. Which sentence from the story hints at an upcoming problem?

- a. "Neav kept the mirror in his chamber."
- b. "Aron raced to the mirror and found a lovely maid tidying Neav's chamber."
- c. "But Neav wanted to be king."
- d. "He searched for another way out, but none existed."

2. Read the sentence.

Her song was more melodious than any bird Aron had ever heard, more cheerful than any flute that ever played, more hopeful than any dream.

Which of the following words is a synonym of the underlined word in the sentence?

- a. harmonious
- b. curious
- c. ambitious
- d. malicious

3. What allows Aron to escape the mirror?

- a. Neav's incredible pitch.
- b. The maid's fervent cleaning of the mirror.
- c. A large tree branch breaking the mirror.
- d. The maid's beautiful singing voice.

Google Slides Prompt Students to use Decoder



Roof!

Enter your answers in the Decorator's Decoder to
see if you are ready to get your roof.



DO NOT go to the next page until
prompted to do so by the
Decoder!

©Julie Becker

Google Slides Decoder in Digital Version is Self-Checking

The screenshot shows a Google Slides interface titled "Escape the Gingerbread House Escape Room Decoding Tool". The interface includes a menu bar (File, Edit, View, Insert, Format, Data, Tools, Add-ons, Help) and a toolbar with various editing tools. The main content area is a light blue grid with columns labeled A through H and rows numbered 1 through 21. A table is displayed with the following structure:

Question #	1	2	3	4	5	6
Your Answers						

Below the table, a text input field is labeled "How did you walk across the melting floor?". A large yellow box in the center of the slide contains the text: "KEEP LOOKING! DO NOT MOVE ON TO THE NEXT SLIDE." At the bottom of the slide, a navigation bar shows four challenges: "Challenge 1 - Get your two short walls!", "Challenge 2 - Get your two long walls!", "Challenge 3 - Get a roof for the gingerbread house", and "Challenge 4 - Get icing for the gingerbread".

Printable Version Includes "Ooops!" Challenges



Ooops!

You dropped your glasses in the candy c



NO USING YOUR EYES FOR 5
MINUTES!

Ooops!

You forgot to decorate your gingerbread house!



YOU MUST STAY QUIET FOR 5
MINUTES. NO SPEAKING!



Printable Version Includes Recording Brochure & Decoder



Decorator's Decoder

Use the following codes for each challenge to collect your gingerbread house parts and move to the next challenge.

Challenge 1	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6
	a = We b = Just c = With d = In	a = a b = the c = past d = where	a = the b = middle c = around d = pair	a = group b = the c = far d = of	a = the b = rain c = dark d = wet	a = falling b = adding c = boots d = gear

Challenge 2	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6
	a = By b = If c = The d = We	a = noticed b = one c = felt d = that	a = over b = with c = some d = the	a = round b = exciting c = the d = a		

Challenge 3	Question 1	Question 2	Question 3	Question 4
	a = The b = Many c = I d = We	a = had b = ate c = noticed d = saw	a = my b = many c = over d = several	a = around b = way c = through d = over

Question 1	Question 2	Question 3	Question 4
a = discovered b = before c = thought d = was	a = the b = full c = tight d = near	a = shift b = helpful c = trick d = door	



CHALLENGE 1



	Answer	Code
1.	C	With
2.	A	a
3.	D	pair
4.	D	of
5.	B	rain
6.	C	boots.

How did you walk across the melting floor?

With a pair of rain boots.

CHALLENGE 2

	Answer	Code
1.	C	The
2.	B	one
3.	B	with
4.	D	a
5.	A	lion's
6.	B	mane.

What animal cracker was the scariest?

The one with a lion's mane.



CHALLENGE 3



	Answer	Code
1.	C	I
2.	B	ate
3.	A	my
4.	B	way
5.	D	through
6.	C	it.

How did you get through the s'mores maze?

I ate my way through it.

©2018 Baker

FLIP THAT GINGERBREAD HOUSE!

Project Based Learning

4th - 6th Grade
Print & Digital

TIME TO LANDSCAPE!

It's time to landscape your property! First, you need to determine the area and perimeter. It is important to know how much land you are working on so that you can purchase the right number of items at the candy store.



5 ft 27 ft

Perimeter of Property: Area of Property:

Perimeter of House: Area of House:

49 ft

Area of Land Available to Landscape:

You would like to landscape your yard with. You can like. Consider what buyers might be interested in your budget. Afterwards, transfer the total your final fixer upper invoice.

WHAT IS AN INVOICE?

An invoice is a document created to keep track of purchases. Invoices are organized and detailed. They are used by people who buy and sell goods.

It is essential for you to keep an invoice as you renovate your property. This will help you stay within your budget and help you calculate the value of your renovated home.

Example:
This invoice was created by a carpenter. She tracked her purchases while building a treehouse in order to stay within her budget and know the value of the treehouse. Read the blue boxes to learn more about each column.

Item	Cost	Cash Spent	Added Value
Redwood Lumber	\$340	\$340	\$340
3-inch Screws	\$16	\$356	\$16
1-inch Screws	\$6	\$362	\$6
6-inch Brackets	\$98	\$460	\$115
Hinges	\$14	\$474	\$20
Doorknob	\$9	\$483	\$15
Chain Lock	\$7	\$490	\$15
10 ft. Rope	\$28	\$518	\$50
Curtain Rod	\$11	\$529	\$15
2 ft. Curtain	\$7	\$536	\$15
Total Amount of Money Spent:		\$536	
Total Value of the Treehouse:			\$591

every item purchased

the cost of the item (s)

a running total, calculated after every purchase

the amount of money added to the worth of the tree-house



Print and Digital Versions

FLIP THAT GINGERBREAD HOUSE!

You notice an ad in the newspaper for the sale of a decrepit gingerbread house in your neighborhood. You have always dreamed of buying a fixer upper to renovate and sell...and this is your chance! You will have to flip this house from start to finish. Are you up for the challenge?

Here are your tasks:

- Inspect the newspaper ad.
- Research home renovation.
- Budget and plan the home renovation.
- Budget and plan the landscape.
- Prepare for an open house! Students will write a newspaper ad.
- Showcase your fixer upper job.
- Complete the reflection.



FOR THE TEACHER

Flip That Gingerbread House is a project-based learning task that utilizes real-life math, writing, and research skills. It is created for students in fourth through sixth grades. This project is open-ended and is easily adapted and differentiated to meet most students' levels.

- To increase rigor: Incorporate one or all of the challenges.
- To provide further support: Provide the vocabulary words students will need, rather than having them discover them independently. Students can also work in groups or pairs to plan out their renovation.

Directions:

1. Assign students to work alone, in pairs, or in small groups.
2. Preview the activity with your students. Allow students class time to complete the activity. This should take one to two weeks (depending on the length of each class period).
3. Have students complete the self-evaluation reflection.
4. Allow students the opportunity to share and present their completed projects.

Suggested Order of Activities:

1. Present the newspaper ad that lists the gingerbread house for sale.
2. Explain to students that they will be renovating this old house. Have them find the related vocabulary words in the dictionary.
3. Give students their budget for the renovation and have them experiment with making profit from the sale of a house.
4. Students will learn about an invoice and receive the invoice they are to use throughout this PBL activity.
5. Allow students to explore and choose the renovations they feel will bring in the most profit.
6. Next, students can practice area and perimeter with their fixer upper. Have students choose which items to landscape their gingerbread house. They can decorate the outside of their gingerbread house and draw their own landscape OR cut out the "stickers" to replicate the items they purchased for their landscape.
7. Students will then stage/decorate their home for resale.
8. Using their invoice, students will determine the proper listing price (based on the added value they acquired) and create a newspaper ad listing their renovated gingerbread house for sale.
9. Finally, they can post their renovation process on social media!



Explores Measurement & Data

TIME TO LANDSCAPE!

It's time to landscape your property! First, you need to determine the area and perimeter. It is important to know how much land you are working on so that you can purchase the right number of items at the candy store.

Diagram showing a property layout with dimensions:

- Top side: 27 ft
- Left side: 5 ft
- Bottom side: 63 ft
- Right side: 43 ft
- House area: 43 ft by 27 ft

Next, select which candies you want to use as many or as few as you want. Remember to stay within your budget and remember to stay within your budget.

Perimeter of Property:

Area of Property:

Perimeter of House:

Area of House:

Area of Land Available to Landscape:

WHAT IS AN INVOICE?

An invoice is a document created to keep track of purchases. Invoices are organized and detailed. They are used by people who buy and sell goods.

It is essential for you to keep an invoice as you renovate your property. This will help you stay within your budget and help you calculate the value of your renovated home.

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a running total, calculated after every purchase

Item	Cost	Cash Spent	Added Value
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the amount of money added to the worth of the tree-house

Example:

This invoice was created by a carpenter. She tracked her purchases while building a treehouse in order to stay within her budget and know the value of the treehouse. Read the blue boxes to learn more about each column.

Engaging and Meaningful!

Landscape Options: These candies are huge!

Twisty Lolly Twirl
10ft tall!
\$57 each

Delightful Gum Drops
\$22 each

Swirly Sweet Canes
6ft tall!
\$49 each

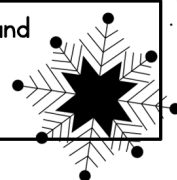
Sour Sucker Sweetie
1ft wide!
\$18 each

Peppermint Rugby Ball
\$32 each

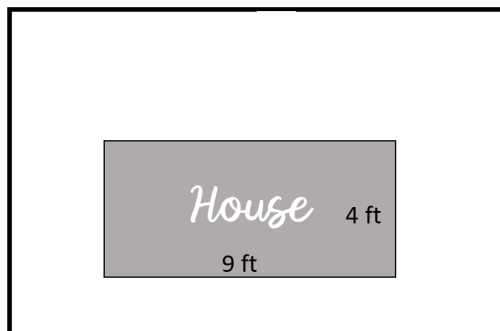
Hardly Cocoa Heart
2ft wide!
\$27 each

TIME TO LANDSCAPE!

It's time to landscape your property! First, you need to figure out the area and perimeter. It is important to know how much land you are working on so that you can buy the correct number of items at the candy store.



20 ft



Perimeter of Property:	Area of Property:
Perimeter of House:	Area of House:

Next, select which candies you would like to landscape your yard with. You can use as many or as few as you like. Consider what buyers might be interested in. Just remember to stay within your budget! Afterwards, transfer the total amount spent on landscape to your final fixer upper invoice.



Interdisciplinary

RENOVATION TIME!

renovate! Your contractor provided you with multiple renovation packages to choose from for each room of your house. The contractor also gave you some "bonus" package options. You can choose whatever packages you want, and you can even choose multiple packages from each section if desired. While considering your options, remember to stay within your budget and think about how each package will add value to your home. Record your choices in the fixer upper invoice.

Bedroom #1 Renovation Packages:

Candy Cane Lane
~ costs \$14,000 ~

Includes:

- new wood flooring
- new east-facing window

Lollipop Gumdrop
~ costs \$9,500 ~

Includes:

Fudge Swirl Fun
~ costs \$5,000 ~

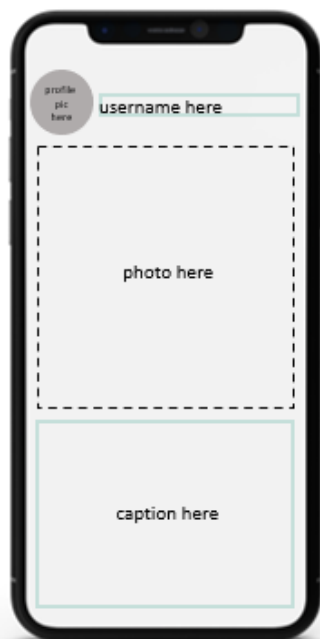
Includes:

- new carpeting
- added access to full bath

is \$6,000 in value*

CREATING A SOCIAL MEDIA POST

Now, you are going to create three posts to add to your social media account. Make sure to include the elements described below in each of your three posts.



Use your new profile pic and username here.

Post a photo of a moment during your fixer upper journey.

Caption the photo and the context. How does the photo relate to the fixer upper project? Use details and descriptions of the house you renovated when possible.

Writing

WRITE A NEWSPAPER AD!

Remember the newspaper ad featuring this fixer upper when you bought it? It has many details and provides a lot of information about the house. Now, it is time to write a new ad for this house! You've fixed it up so well, and now it's time to sell it! Your ad should have important details. It should also be written in a way that convinces readers to buy your house.

FOR SALE 2 BEDROOM 1.5 BATH 1,434 SQ. FT. HOME FOR SALE. The house was built in 1899 by the Winston brothers. It is a beautifully constructed home that has been a landmark in this community for more than 100 years. It has seen better days, but the property is full of potential. It was built with squishy marshmallows, double chocolate chips, and swirly candy canes. The property around the home is filled with fluffy frosting and crumbling shortbread cookie trees. It may not be your style as is, but with a little bit of love, this house could be amazing. We hope someone like you sees the potential in this home like we do! Contact the real estate agent at (123) 456-7890 for more details, or to make a serious offer. This fixer upper costs \$100,000.00. Price is firm.



Use as many adjectives as possible while writing. This will help you write a detailed ad. Inside the box there are several adjectives you can use! Remember to also draw a picture of your house for readers to see!

excellent

glowing

bright

beautiful

elegant

happy

quiet

lovely

sweet

© Julie Beckner

© Julie Beckner

Creativity

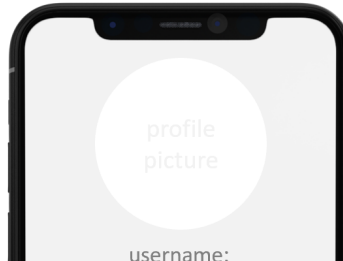
SHOWCASE YOUR FIXER UPPER!



In order to showcase your fixer upper journey, you'll need to make a social media account. First, create a profile picture. Then, choose a username. And finally, write a biography.

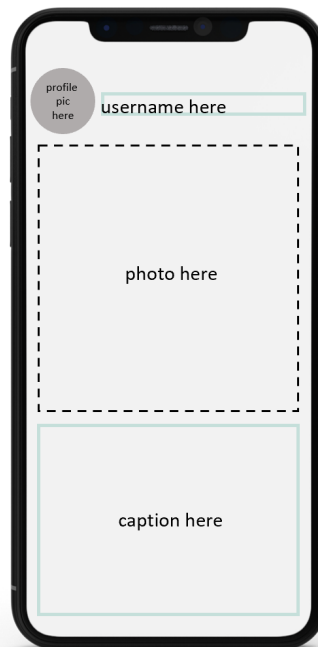
A biography should be a few sentences who you are and what you are going to share on your page. For example, a bio could be:

"Hi! I'm _____
fixer upper journey! I love to renovate and draw... All of the things I want to me renovate this house!"



CREATING A SOCIAL MEDIA POST

Now, you are going to create three posts to add to your social media account. Make sure to include all three elements described below.



Use your new profile pic and username here.

Post a photo of a moment during your fixer upper journey.

Caption the photo and the context. How does the photo relate to the fixer upper project? Use details and descriptions of the house you renovated when possible.

Reflection



GINGERBREAD RENOVATION REFLECTION



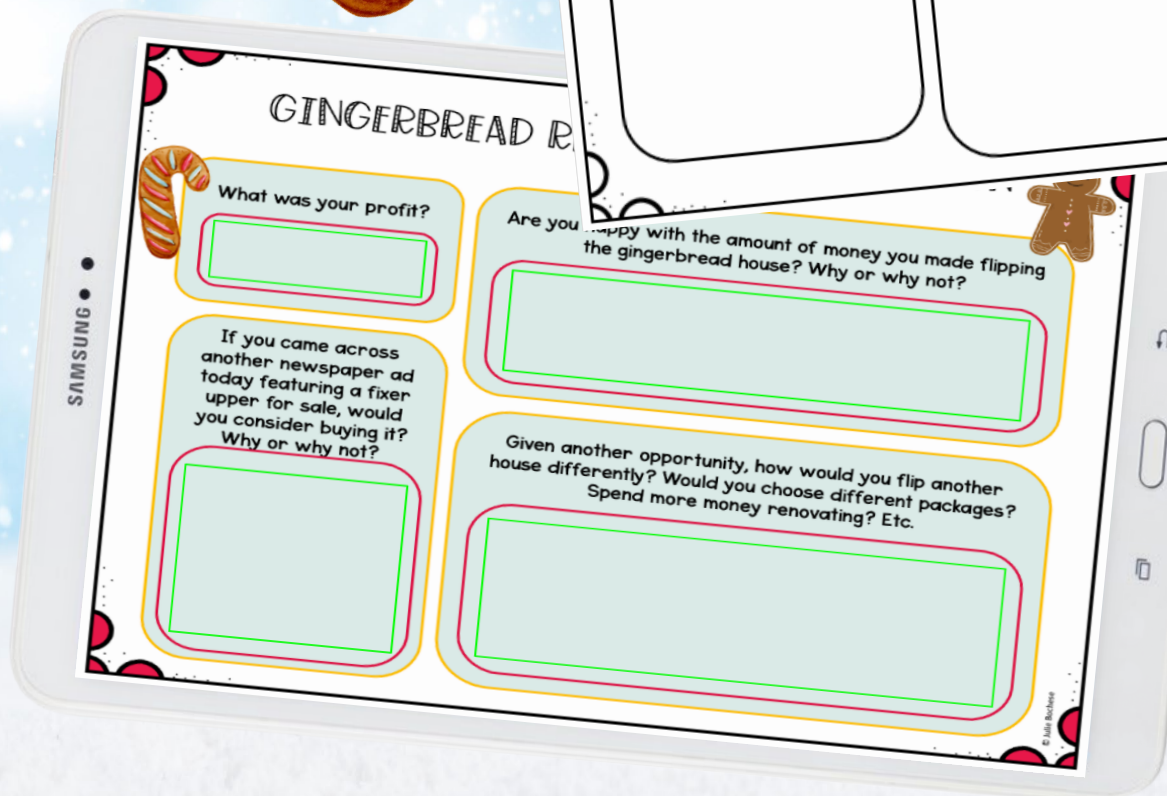
What was your profit?

Are you happy with the amount of money you made flipping the gingerbread house? Why or why not?

If you came across another newspaper ad today featuring a fixer upper for sale, would you consider buying it? Why or why not?

Given another opportunity, how would you flip another house differently? Would you choose different packages? Spend more money renovating? Etc.

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GINGERBREAD RENOVATION REFLECTION



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