

FLIP THAT GINGERBREAD HOUSE

Project Based Learning



UNDERSTAND

You need to make sure that flipping this house will be worth your investment. The profit will be the amount of money you make after resale. The profit will be calculated by subtracting the amount of money you put in from the amount of money you sell the property for.

Profit = Property Sale Amount - Total Money Spent

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.

DETERMINE LISTING PRICE

You renovated your house and landscaped the property. It looks amazing! Now, you need to calculate your asking price! Using your completed fixer upper invoice, total the amount of money spent. Also total the value of the property. The total value of the property will be your asking price!

Total money spent:

Total value of property:

Asking price for home:

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.

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 quality materials, including chocolate chips, and swirly candy canes. The property around the home is filled with fluffy frosting and crumbly gingerbread cookie trees. It may not be your style as is, but with a little bit of love, this home could be amazing. We hope 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.

excellent glowing bright
beautiful elegant

FLIP THAT GINGERBREAD HOUSE!

You notice an ad in the newspaper. A crumbling gingerbread house in your neighborhood is for sale! You have always dreamed of buying a fixer upper to renovate and sell...maybe 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 design.



2ND-3RD GRADE MATH

PRINT & DIGITAL

PRINT & DIGITAL VERSIONS

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 second and third grade. 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. Go over the related vocabulary words.
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 to make to the house in the most profit.
6. Next, students will work with their friends to determine which item they can gingerbread OR cut they put on the house.
7. Using their budget, they will determine the price they will sell the house for.
8. Finally, students will write a newspaper ad for their renovated house.



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Here are your tasks:

- Inspect the newspaper ad.
- Research home renovation.
- Budget and plan the home renovation.
- Budget and plan the landscape design.
- Prepare for an open house! Determine the listing price and write a newspaper ad.
- Showcase your fixer upper journey on social media.
- Complete the reflection.



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EXPLORES MULTIPLE MATH SKILLS



DETERMINE LISTING PRICE

You did it! You renovated your house and landscaped the property. It looks amazing! Now, it's time to calculate your asking price! Using your completed fixer upper invoice, total the amount of money spent. Also total the value of the property. The total value of the property will be your asking price!

UNDERSTANDING PROFIT

You need to make sure that flipping this house will be worth your time, energy, and money. The profit will be the amount of money you make after reselling the renovated house. Profit can be calculated by subtracting the amount of money you put into fixing up the property from the amount of money you sell the property for.

$$\text{Profit} = \text{Property Sale Amount} - \text{Initial Cost of Property} + \text{Renovation Expenses}$$

WHAT IS AN INVOICE?

An invoice is a document. It helps you keep track of purchases. They are organized and detailed. It will be important for you to record your purchases on an invoice as you fix up your house. This will help you with two things: staying within your budget and calculating the value of your renovated home.

Example:
This invoice was created by a carpenter. She tracked her purchases while building a treehouse. It helped her stay within her budget and calculate the value of the treehouse when she was finished. Read the blue boxes to learn more about each column.

Item	Cost	Cash Spent	Added Value
Redwood Lumber	\$340	\$340	\$400
3-inch Screws	\$15	\$355	\$20
1-inch Screws	\$5	\$360	\$10
6-inch Bolts	\$100	\$460	\$115
Hinges	\$15	\$475	\$25
Doorknob	\$10	\$485	\$25
Door Lock	\$5	\$490	\$20
Paint	\$25	\$515	\$50
Curtains	\$25	\$525	\$15
2 ft. Curtains	\$5	\$530	\$15
Total Amount of Money Spent		\$530	
Total Value of Treehouse:			\$695

Based your
ing price,
profit be?



ENGAGING AND MEANINGFUL!



ENGAGING & INTERDISCIPLINARY

DETERMINE LISTING PRICE

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Total money spent

Total value of property

Asking price

CREATING A SOCIAL MEDIA POST

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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.

RENOVATION TIME!

It's time to renovate! Your contractor gave you many renovation packages to choose from. There are two choices for each room in your house. There are also some "plus" package options. You can choose whatever packages you want, and you can even choose multiple packages from each section. When you're considering which package you want, remember to 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 \$100 ~

Fudge Swirl Fun
~ costs \$50 ~

- Includes:
- new carpeting
 - added access to full bathroom



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.

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!

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excellent	glowing	bright
beautiful	elegant	happy
quiet	lovely	sweet

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THE NEWSPAPER AD

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.



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 what you are going to share on your account. For example, a bio could say:

"Hi! I'm _____. This is my fixer upper journey! I love to garden and draw... All of these activities helped me renovate this cool property!"



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REFLECTION

