

Project Based Learning




SHOP 'TILL YOU DROP

Holiday Project Based Learning

The image displays a collection of math worksheets for 4th grade, featuring a festive Halloween theme. The worksheets are:

- Grading Rubric:** A table for grading criteria, with columns for 'Name', 'Date', and 'Grade'. It includes a section for 'Exceeds Expect' and a table for 'Create Your Own Shopping'.
- Word Problems Extra Practice Level 2:** A worksheet for practicing word problems, with a section for 'Challenge #2'.
- Challenge #2:** A worksheet for a challenge problem, with a section for 'Bank Ledger: Track Your Purchases'.
- Bank Ledger: Track Your Purchases:** A ledger table for tracking purchases, with columns for 'NAME', 'DATE', 'WRITTEN TO/RECEIVED FROM', 'CHECK NUMBER', 'AMOUNT PAID', and 'BALANCE'.
- Shop 'Till You Drop Shopping Sheet:** A worksheet for a shopping activity, with a section for 'Shop 'Till You Drop'.
- Shop 'Till You Drop:** A worksheet for a shopping activity, with a section for 'Shop 'Till You Drop'.



GHOST TOWN THEME PARK
Project Based Learning
2nd - 5th Grade Print & Google Slides

The image shows a collection of Halloween-themed worksheets and a pumpkin pie. The worksheets are titled 'Create Your Ghost Town Logo', 'Create Your Ghost Town Slogan', 'Create a Map', and 'Create a Story'. The 'Create Your Ghost Town Logo' worksheet includes a section for 'Logo' and a section for 'Slogan'. The 'Create Your Ghost Town Slogan' worksheet includes a section for 'Slogan' and a section for 'Practice space'. The 'Create a Map' worksheet includes a section for 'Map' and a section for 'Practice space'. The 'Create a Story' worksheet includes a section for 'Story' and a section for 'Practice space'. A large, golden-brown pumpkin pie is in the foreground, and a black bat is flying in the background. The text 'Halloween & Google Slides' is written in a large, orange font at the top right.

THANKSGIVING FEAST

Project Based Learning

4th Grade Unit 2

4th Grade Print & Google Slides



FLIP THAT GINGERBREAD HOUSE

Project Based Learning

[illegible]

4TH & 5TH GRADE PRINT & DIGITAL

COMING SOON!

1. Holiday Helping Hands (Holidays Around the World)
2. Valentine's Day
3. Saint Patrick's Day
4. Earth Day
5. Easter



Ghost Town Attraction

Project Based Learning

2nd - 5th Grade
Print & Digital



Build Your Website!

Now that you have your ghost town attraction ready for guests, you need to advertise that it exists. Remember, ghost towns have been deserted for many years, so people need to know you are open for business! Your website should convince people to visit your ghost town. Think about websites you have visited online. What made them interesting? What made you want to buy something or travel somewhere?

Your website must include the following:

- **Logo**
- **Ghost Town Name**
- **Slogan**
- **Pictures & Color**
- **Persuasive Writing**
Write at least one paragraph about your ghost town that will convince people to visit. What makes your ghost town special or unique?
- **Important Information**
What days and hours are you open?
How much does it cost to visit?

Logo	Ghost Town Name	
	Slogan	
Persuasive Information	Picture	Picture
	Days & Hours of Operation Ticket Prices	
Contact Information		

SAMPLE WEBSITE LAYOUT

What Are Ghost Towns?

Version 2
620L

Crumbled buildings. Dusty roads. Lonely homes. Silence. A ghost town. Have you ever been to one?

Some people find ghost towns peaceful. Many people find them creepy.

There are many ghost towns all over the world. They were all once busy and active towns but have been deserted. They still show signs of the people and places that were once there, however.

Some ghost towns are still standing, while others are almost gone.

Not all ghost towns don't necessarily have ghosts, many people claim that they are haunted. Some people report seeing ghosts or other eerie things.

Towns can become ghost towns for many reasons. Sometimes towns or cities are built because a valuable resource has been found there. For example, when gold was discovered in California, many people moved there. They wanted to get rich. They quickly started mining.

When the gold ran out, however, the people moved away.

Some towns became ghost towns. This happened sometimes with other natural resources like oil and diamonds.

Natural and man-made disasters can turn a town into a ghost town. Floods, droughts, fires, and even accidents all do damage.



Print & Digital Versions

Decorate Your Welcome Center!

Version 1

Let's see if you have enough money to purchase the decorations you picked out. Complete the table below and calculate the total cost. Once you determine how much money you have left, you will need to decide how you want to use it.

Decorations	Option(s)	Quantity	Total Cost
Art			
Statue			
Banner			
Other			



Total Cost for Decorations

Next, calculate h

Ghost Town Profile

Choose a ghost town to research. Complete the profile below using facts you find.

Name:	
Former population:	
Town activities and events:	
Turning point (when and why?):	
Current condition of the town:	
Fun fact(s):	

Name

Where in the World?

Mark the country where your ghost town is located.



Provide a description of the ghost town's location. For example, what city or state is the town in?

Three Differentiated Passages

What Are Ghost Towns?

Version 1

790L

What Are Ghost Towns?

Version 2

620L

What Are Ghost Towns?

Version 3

470L

Have you ever been to a ghost town? What did you think of it? Some people love ghost towns! Many people think they are scary.

There are many ghost towns in the world. They were busy and active at one time. People lived and worked and made friends in these towns. Now, they are empty. The only things left are falling down buildings and lonely streets.

There are many reasons why ghost towns exist. Sometimes, it is because of a disaster. Floods or earthquakes can make it unsafe for people to live in a town, so they move away. Sometimes everyone leaves a town because they can't make enough money there. They move to a new place where they can make money.

Some old ghost towns are open for visiting! People can go to them and explore the old town. It can be cool to see what life was like when that town was



Research Real Ghost Towns

Pick A Ghost Town!

Click [here](#) or scan the QR code below to check out this ghost town!

Click [here](#) or scan the QR code below to check out this ghost town!

Click [here](#) or scan the QR code below to check out this ghost town!

Profile

Name _____



Click [here](#) or scan the QR code below to check out the ghost town!



© Julie Buckner

Where in the World?

Mark the country where your ghost town is located.



Provide a description of the ghost town's location.
For example, what city or state is the town in?

© Julie Buckner

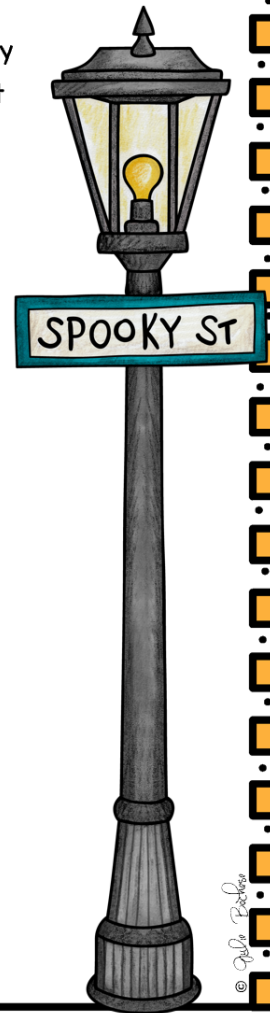
Develop Your Own Ghost Town!

You Bought a Ghost Town!

Now that you own this deserted piece of property, you are going to turn it into a spooky attraction for others to visit! However, there is some work to be done before your first guest arrives!

Here are your tasks:

- Complete the Ghost Town Attraction Brainstorm organizer
- Create a map of your ghost town to pass out in the Welcome Center
- Purchase decorations for your Welcome Center
- Create a logo for your ghost town
- Create a catchy slogan for your ghost town
- Build a website to promote your ghost town attraction
- Describe your ghost town in writing



© Julie Pacheco

Create a Map

Create a Map!

Your guests will need to know how to get around your ghost town when they arrive. You will create a map to pass out in the Welcome Center. Your map must include the following:

- **Map Title:** The title of your map should be the name of your ghost town.
- **Town Buildings:** Include at least 8 different buildings that a town needs to run successfully. Do not forget your town hall!
- **Attraction Facilities:** These are things you want to include in your town. Include at least one of each on your map with a unique symbol.
 - Restroom
 - Parking Lot
 - Concession Stand
 - Your Choice! Include at least one more thing you want in your town.
- **Roads or Pathways:** How will your guests get around your town? Make sure your town is accessible for guests with a clear path.
 - Give each road or pathway a name and label the name on your map.
- **Natural Features:** Does your town have any natural features? Include at least 3 different natural features on your map.
 - Give each natural feature a unique symbol!
- **Legend/Map Key:** Create a box in the bottom right corner of your map here and label what it stands for.
- **Compass Rose:** Draw and label a compass rose in the bottom left corner of your map.
- **Color Neatly!**

Map Title:

Compass Rose

Legend

Differentiated Math: Budget and Add Money

Decorate Your Welcome Center!

Version 1

You have a budget of \$1,000.00 to decorate your Welcome Center. This is your visitor's first impression of your ghost town attraction. First, you must decide which decorations to purchase. There are several options. You must select at least one piece from each group. If you have money left over, you may purchase more than one item from each group. Review the decoration options and the prices below.

banners

statues

Version 1



\$183.79

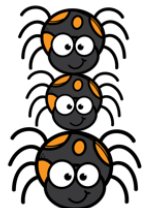


\$101.01

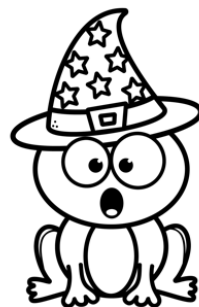
other



\$34.35



\$56.99



Total Cost for Decorations

Decorate Your Welcome Center!

money to purchase the decorations you picked out. Complete the table below. Once you determine how much money you have left, you will use it.

(s)	Quantity	Total Cost

money you have left. How do you plan to use it?

Create a Logo, Slogan, and Website

Creating A Logo & Slogan

Logo	Slogan
What is a logo?	What is a slogan?

Build Your Website!

Have your ghost town attraction ready for guests, you need to advertise that it exists. Remember, you have been deserted for many years, so people need to know you are open for business! Your website needs to persuade people to visit your ghost town. Think about websites you have visited online. What made them interesting? What made you want to buy something or travel somewhere?

Must include the following:

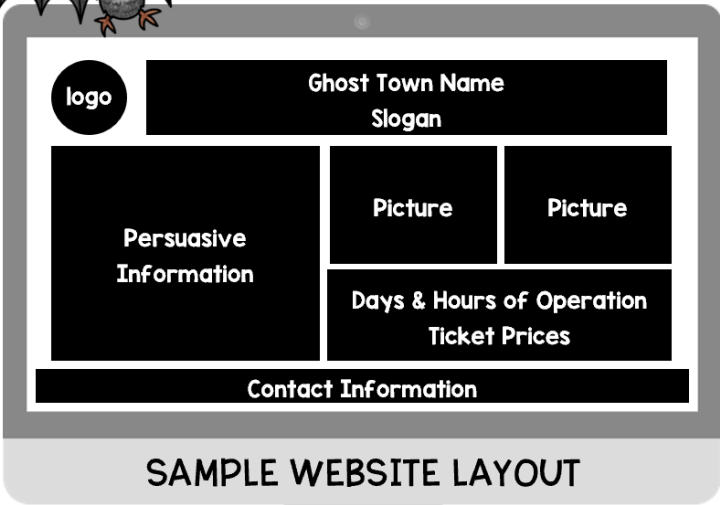
Logo
Ghost Town Name

Slogan
Features & Color

Persuasive Writing
Write at least one paragraph about your ghost town that will convince people to visit. What makes your ghost town special and unique?

Important Information
What days and hours are you open? How much does it cost to visit?

Contact Information



Remember a slogan should be easy to remember and easy to say.

slogan?

Remember the slogan should be easy to remember and easy to say. It should be a good association for the idea.

and memorable.

in"

© Julie Bichsel

Descriptive Writing & Reflection

Name _____

Write About Your Ghost Town!

Use the space below to describe the ghost town you designed. Describe the features you included as you can!

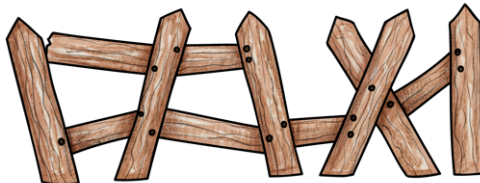


© Julie Bichese

Reflection

Name _____

Write a reflection of your experience with this project. How did you feel about the challenges and activities? Explain what you found easy to do and any difficulties you had while working on the project. Did you enjoy this activity? Why or why not?



Rate this project.

Circle the statement you most agree with.

I was ready for something harder.

It was just right.

I found this challenging.

© Julie Bichese

THANKSGIVING FEAST

Project Based Learning

4th Grade
Print & Digital

BAKING ROLLS

Your first step in preparing the feast is to bake dinner rolls. You are following the recipe on the recipe card below. Use the recipe card to answer the questions below.

Yummy dinner rolls

Ingredients	Directions
4 cups of flour	• Preheat oven to 325 degrees.
1 cup sugar	• Put all ingredients into a large bowl. Mix well.
3 eggs	• Knead dough on floured surface.
2 cup butter	• Form into 8 dinner rolls.
2 tsp. salt	• Bake until golden brown.
1 tsp. yeast	

1. You need three times as much salt as you do yeast. Fill in the amount of salt needed on the recipe.
2. You decide you need to make 6 times as many rolls as one recipe produces. How many rolls do you need?

3. Use multiplication to fill in the table with the amount of each ingredient you will need to make all your dinner rolls.

	Sugar	Eggs	Butter	Salt	Yeast
1 recipe					
6 recipes					

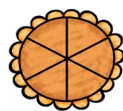
4. If you have 12 people at the feast, how many rolls will each person get? How many will be left over?

5. You bake the rolls in batches. Each batch is 3 rows and 4 columns of rolls on a baking sheet. How many batches will you need to bake all the rolls?

PIES GALORE



Apple



Pumpkin



Pecan



Cherry



Peanut Butter

6. Compare the sizes of the slices of different pies below. Fill in the missing fractions of each pie the number of given slices represents. Complete the comparison with $<$, $>$, or $=$.



3 slices of
pecan pie



2 slices of
pumpkin pie



1 slice of
peanut butter pie



3 slices of apple
pie



1 slice of
cherry pie



2 slices of
cherry pie



4 slices of
pecan pie



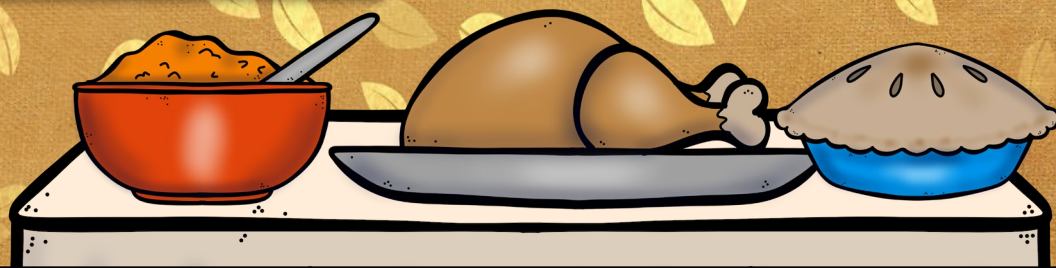
4 slices of
pumpkin pie



1 slice of
apple pie



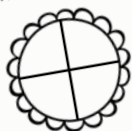
3 slices of
pumpkin pie



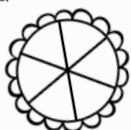
Explores Various Standards-Based Skills

PIES GALORE

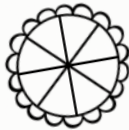
You have a pie extravaganza planned for dessert! All the pies you baked are the same size, but you cut each pie into a different number of pieces, as shown below. Answer the questions.



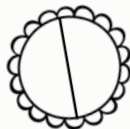
Apple



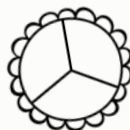
Pumpkin



Pecan



Cherry



Peanut Butter

1. One slice of apple pie is $\frac{\square}{\square}$. Name two equivalent fractions.
2. Three slices of pumpkin pie is $\frac{\square}{\square}$. Name two equivalent fractions.
3. Six slices of pecan pie is $\frac{\square}{\square}$. Name two equivalent fractions.
4. Two slices of cherry pie is $\frac{\square}{\square}$. Name two equivalent fractions.
5. One slice of peanut butter pie is $\frac{\square}{\square}$. Name two equivalent fractions.



SETTING THE TABLE

The feast is almost ready! You are setting the table so that everyone can take a seat and get ready to eat. Answer the questions below.

1. Since there are so many people at your feast, you have three different tables set up to fit everyone. The tables are shown below. Name the shape of each table in the spaces.



Table 1



Table 2



Table 3


2. You want to cover each table with a tablecloth. Your mom has a stash of tablecloths that are all folded in half. Use the line tool  to draw all lines of symmetry on each table. Use a different color for each line of symmetry. How many lines of symmetry does each table have?

Table 1:

Table 2:

Table 3:



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Engaging & Interdisciplinary



BAKING ROLLS

Your first step in preparing the feast is to bake dinner rolls. You are following the recipe on the recipe card below. Use the recipe card to answer the questions below.

Ingredients







4 cups of flour
1 cup sugar
3 eggs
2 cups butter
2 tsp. salt
1 tsp. yeast

Directions

- Preheat oven to 325 degrees.
- Put all ingredients into a large bowl. Mix well.
- Knead dough on floured surface. Form into 8 dinner rolls.
- Bake until golden brown.

1. You need three times as much yeast as you do salt. Fill in the amount of yeast needed in the recipe.
2. You decide you need to make 6 times as many rolls as one recipe produces. How many rolls do you need?

3. Use multiplication to fill in the table with the amount of each ingredient you will need to make all your dinner rolls.

Ingredient	 Flour	 Sugar	 Eggs	 Butter	 Salt	 Yeast
Amount Needed						

4. There are 20 people at your feast. How many rolls will each person get? How many will be left over?
5. You bake your rolls in batches in the oven. Each batch is 3 rows and 4 columns of rolls on a baking sheet. How many batches do you bake in all?

© 2014 Baker's



Student Self-Assessment



SELF-REFLECTION

Write a reflection of your experience with this project. How did you feel about the math problems and activities? Explain what you found easy to do and any difficulties you had while working on this project. Did you enjoy this activity? Why or why not?

RATE THIS PROJECT




Circle the statement you most agree with.

I am ready for something harder. This was just right. I found this very challenging.

© Julie Buckner

SELF-EVALUATION

Drag the circle to one box per row on the rubric that expresses how you rate yourself on this Project Based Learning Activity.

		
I felt very confident about the math in this project.	I felt pretty good about my ability to complete the math in this project.	I felt a lot of the math in this project was too hard for me to do alone.
I understood all of the math and did not need help to complete the problems.	I understood most of the math but needed a little help to solve some of the problems.	I understood some of the math but needed help to complete most of the problems.
I easily used many strategies to solve the math problems efficiently.	I needed some help to use the best strategies for solving the math problems.	I had trouble understanding the best way to solve many of the math problems.
I feel I am ready for a harder math project.	I feel I would like to spend more time practicing similar math problems.	I feel I need assistance to work on similar math problems.

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Shop 'Till You Drop

Holiday Project Based Learning

2nd-5th Grade Math
Print & Digital

Shop 'Till You Drop

In this unit, you will celebrate the season of giving by doing holiday shopping for five people that are family or friends. Your budget for gifts is \$250. Browse the Ho-Ho-Ho Holiday Catalog to plan out the gifts you will purchase for each person.




Family and



Shop 'Till You Drop Tracking Sheet

Person: Teddy

Budget: \$30

Item	Price	Total \$ Spent
	\$10	
	\$7	
	\$2	

Person: Mom

Budget: \$50

Item	Price	Total \$ Spent
	\$5	
	\$8	



Color & Blackline Versions

Ho-Ho-Ho Holiday Catalog

Holiday
Prices



Ho-Ho-Ho Holiday Catalog

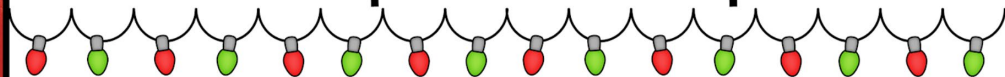
Holiday
Prices



Print & Digital Versions



Shop 'Till You Drop



In this unit, you will celebrate the season of giving by doing holiday shopping for five people that are family or friends. Your budget for gifts is \$250.

Browse the Ho-Ho-Ho Holiday Catalog to plan out the gifts you will purchase for each person.

Family and Friends I Will Shop For (Pick at least 5):

1	<input type="text"/>	5	<input type="text"/>
2	<input type="text"/>	6	<input type="text"/>
3	<input type="text"/>		
4	<input type="text"/>		







Drag & Drops



Shop 'Till You Drop Tracking Sheet

Person: Teddy

Budget: \$30

Item	Price	Total \$ Spent
	 \$8	
	 \$18	

Person: Mom

Budget: \$50

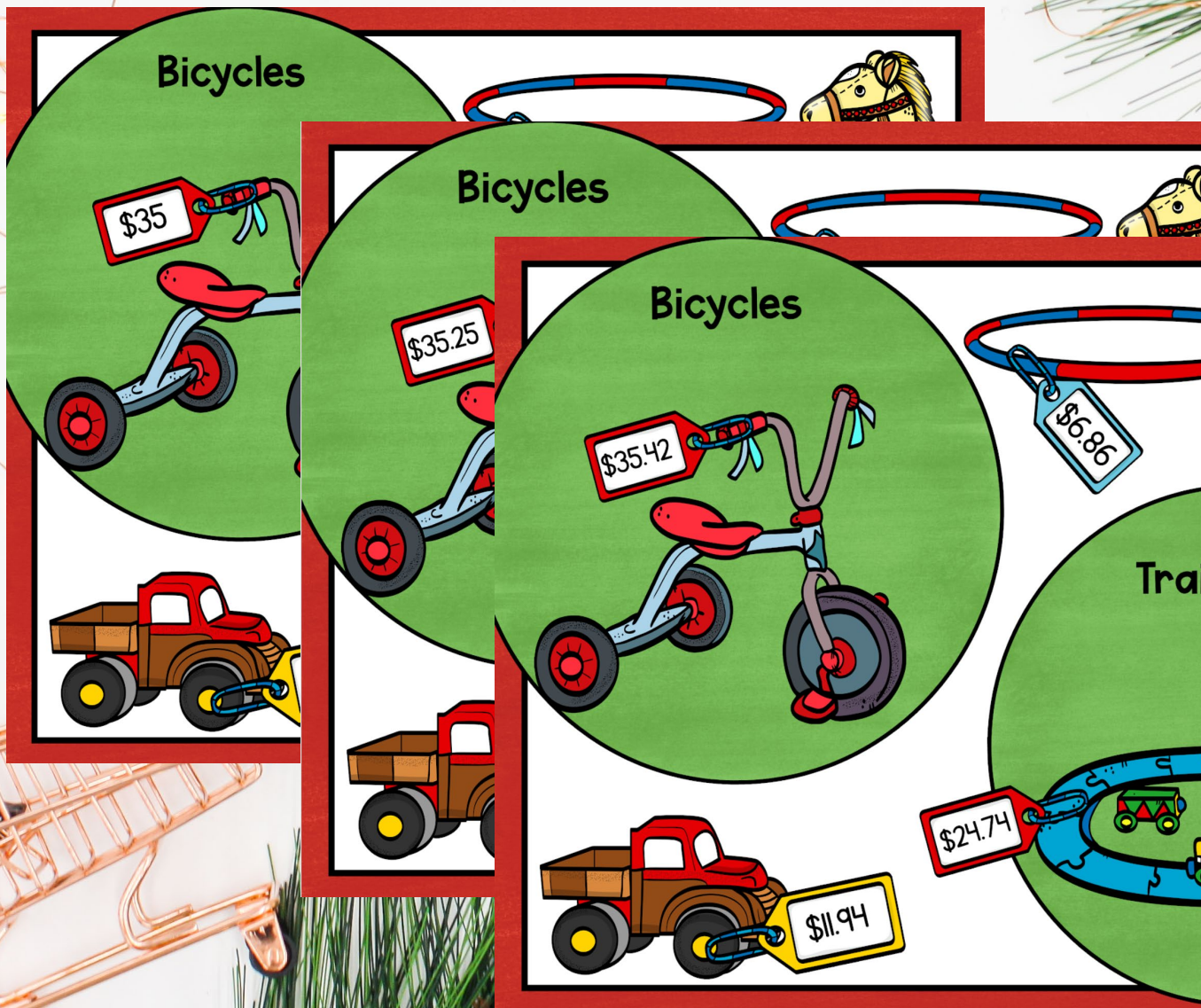
Item	Price	Total \$ Spent



Realistic Shopping Catalog



3 Levels of Difficulty



4 Challenge Activities

Challenge Activity #1

How much did you spend in each department?

Toys	
Item	Price
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
Total Cost:	<input type="text"/>
Show with Money:	

