Going on a Nature Walk

For this project you will go on a Nature Hunt in your local community, with an adult family member, to look for items from nature. You will use the items you collect to create number stories.

Requirements:

- Go on a Nature Hunt with an adult family member. Ccllect 10-20 small items from nature (leaves, feathers, pebbles, acorns, flowers etc.) and store them in a zip-lock bag.

- Write and solve 3-5 addition and 3-5 subtraction number stories using the items you collected.

- Record each number story using pictures, words, and an equation.

- Think of a creative way to present your number stories. You can create a book of number stories, a poster, or come up with your own idea.

- You will be given 2-3 minutes to share your work with the class. Practice what you will say at home with an adult so that you will feel confident speaking in front of the class.

Be ready to share your project on: _____

Neighborhood Number Stories

For this project you will create addition and subtraction number stories about things you see in your neighborhood.

Requirements:

- Make a list of 3 different things that you will count on your way home from school (examples: dogs, blue cars, bicycles). Make a chart to show how many times you see each thing on your list on two different days (examples: Monday and Tuesday).

- Use the data you collect to write and solve at least two addition and two subtraction number stories. One addition number story should include three addends.

  Example: On Monday I counted 25 red cars, 32 black cars and 6 motorbikes on my way home from school. How many vehicles did I see in all? $25 + 32 + 6 = ?$

- Record your number stories using pictures, words, and equations. Show how you solved each number story.

- Think of a creative way to present your number stories.
  You may like to create a Number Story book, a small poster, or come up with your own ideas.

- You will be given 2-3 minutes to share your work with the class. Practice what you will say at home with an adult so that you will feel confident speaking in front of the class.

Be ready to share your project on: _____

100

Counting to 100

For this project you will make a collection of 100 objects and group them in different ways.

Requirements:

- Collect 100 objects (examples: 100 buttons, 100 paper clips, 100 pieces of pasta etc.). Keep a record of the odd and even numbers you see. You can draw pictures, take photographs, or write about where you saw them.

- Group and count your objects by twos, fives, and tens.

- How many different ways can you find to put your objects into equal groups so that there are none leftover? Write an equation for each way you find to express the total as a sum of equal addends (example: 20 + 20 + 20 + 20 + 20 = 100).

- Present your work in a creative way. You can use drawings or photographs, paste your items onto a poster, make a book or a multimedia presentation.

- You will be given 2-3 minutes to share your work. Practice what you will say at home with an adult so that you will feel confident speaking in front of the class.

Be ready to share your project on: _____

My Number Journal (2-digit)

For this project you will create a Number Journal in which you will show different ways to represent a 2-digit number.

Requirements:

- Choose three different 2-digit numbers. Order the numbers from least to greatest.

- Represent each number using base ten blocks or ten frames.

- Write each number in word form and expanded form.

  Example: 32 = thirty two   32 = 30 + 2

- Show each number in two different ways using coins.

- Are the numbers you chose odd or even? Explain your thinking.

- Find the sum of any two of the numbers. Show your work.

- Find the difference between the greatest and least numbers. Show your work.

- Write and solve three addition and three subtraction word problems. Each problem must include one of the numbers you chose.

- Present your Number Journal as a book for our class library. Give your book a title page.

Be ready to share your project on: _____

MATH PROJECT CHECKLIST

Name: _____   Date: _____

	Yes	No
I completed all parts of the math project.		
I used pictures, numbers, and words to show my thinking.		
I used math vocabulary and symbols correctly.		
I presented my work in a creative and organized way.		
I understand the math in my project and am able to confidently answer questions about my work.		
I practiced sharing my work with a family member before sharing it with the class.		

Something I learned by doing this project was...