

MORNING (A.M.) COURSE DESCRIPTIONS

****First Bear Math Facts**

1

By Invitation Only

First Graders will review Math skills from the first quarter. Students will practice basic math skills, work in cooperative groups and utilize manipulatives during math centers. (Math)

****Alphabet Soup**

1-2

By Invitation Only

Did you know that letters make sounds, and sounds put together make words? In this class you will use what you know about letter sounds to practice your reading skills through fun and engaging activities. (Language Arts)

Animal Babies

1-2

Would you like to learn about animals and their babies? They can be very interesting! Come one, come all! (Language Arts)

Courtyard Rescue – Final Phase

1-2

When Franconia Elementary School is remodeled the courtyard will become two classrooms. The students in this class will rescue bulbs from the courtyard, design packaging and market the rescued bulbs, writing about their experiences. (Science, Language Arts, Math)

Money, Money, Money

1-2

Earn it. Count it. Spend it. Learn about how people once used salt, stones, shells and beads for money and why they stopped. Find out why we use coins and paper money today. Have fun earning money and using it to shop at a general store. (Math, Social Studies, Language Arts)

Young Authors

1-2

Do you love thinking up different stories? Become a true author in two weeks. Students will write, edit, publish, and share their own stories after illustrating and designing covers. (Language Arts)

Sum More Math

2

Join us this fall for two weeks of sum more math to make a difference for 2nd graders. It will be a fun-filled, action packed two weeks of exploring second grade math skills. You will enjoy learning through computer use, games and manipulatives. Don't miss this chance to become the math wiz you always wanted to be. (Math)

****Fall into Reading**

3

By Invitation First

Fall into reading and explore the possibilities of where a book can take you. Students will have the opportunity to enhance and reinforce decoding skills, fluency, and reading comprehension. So, let's grab a book and get ready for an exciting adventure with fun activities, literature games, and technology. (Language Arts)

"Hey Dude, Don't Be Rude" Polish Up Your Manners

3-4

Don't stop being a kid, (at least not right away). There is a time to goof off and a time to get some, you know - manners. We will learn how to greet our friends, be courteous to all, and have lots of fun learning to present a good first impression. (Language Arts)

Math Detectives Find Missing Numbers**3-4**

(Math)

Walk Like an Egyptian**3-4**

Did you know that the study of medicine, angles and geometry, 24-hour day, calendar, irrigation, agriculture, preservation, the game of catch and much more date back to Ancient Egypt? From pyramid math to mummification, we will explore how the Ancient Egyptians contributed to our modern day. (Social Studies, Math, Language Arts)

TBD / Wilderness Survival and Earth Skills**3-4**

Week 1: TBD / Week 2: Have you ever wondered how someone can rub two sticks together to make fire? Are you curious about Native-Americans? Or do you want to explore more of our natural world? This is the class for you! Students will engage in hands-on activities and games centered upon the ancient art and science of wilderness living skills and nature awareness. This includes demos and activities with a focus on: bow drill and friction fire; fire safety; survival shelters; cordage (rope) from plants; water purification and solar stills; lost-proofing; primitive air brush painting; awareness building; and much more. (Language Arts, Science)

Whodunit? Cases for Super Sleuths**3-4**

Suspense, clues, suspects, puzzling evidence---what's not to like about investigating mysterious cases? Become a forensic chemist as you analyze mystery powders and liquids to determine whether they are a base, acid, solution or mixture. In our Crime Scene Science Lab you'll learn: how to identify fingerprints; use chromatography to identify a pen used in suspect's notes; analyze soil samples; and investigate other crime scene evidence. Become a code solver as you decipher secret messages. Some of the science mysteries you'll solve are: "The Case of the Cookie Monster;" "The Case of the Unsigned Letter;" "The Case of the Open Safe;" "The Case of the Ransom Note;" and "The Case of the Missing Solution X." Deductive thinking and logical reasoning skills will also be used in solving minute mysteries and matrix logic puzzles. Of course, we'll read mysteries and identify how authors create suspenseful stories. (Science, Language Arts, Math)

****Fun with Numbers****4****By Invitation Only**

Students will use hands-on materials and play games to enrich their skills of comparing fractions and decimals. Play fraction dominoes and do place value puzzles to reinforce your knowledge of these concepts. Students will enjoy a variety of activities that encourage their understanding of place value and geometric patterns. (Math)

****Number Sensations****5****By Invitation Only**

This hands-on class will be designed to strengthen math skills of fifth grade students. We will focus on number sense, relating to place values, estimation, multiples and factors, and operations on fractions and decimal numbers. We will also strengthen skills relating to patterns, functions and algebra. We will take a Mathemagical Mystery trip to ancient Egypt where we explore number systems and number sense, using the concept of the Golden Ratio and the Fibonacci Sequence. (Math)

A Single Shard**5-6**

Explore the different ways you can use clay – pinch & coil pots, slab vessels & masks, 3D sculptures and relief masks, wall hangings, and the potter's wheel. Listen to and discuss the story *A Single Shard*, while working. Finally, glaze all your work and put together an art exhibition in the display cases. (Art, Language Arts)

****Community Service
By Invitation Only**

5-6

Fall for Reading

5-6

Let's get lost in reading! Come unlock and discover the mysteries of reading through a variety of fun and engaging activities that will strengthen and build comprehension, extend student thinking and promote language/writing skills. Students will be exposed to a variety of genre through activities which promote reading skills and strategies through independent and collaborative practice to be more successful. (Language Arts)

Lights, Action and Shoot / Jason Project

5-6

Week 1: Learn how to add up video tape and produce a show! We will write, edit and shoot video that will add up to Franconia Elementary School in action. (Language Arts) / Week 2: Through the National Geographic Society's Jason Project students will be exposed to real scientific exploration that is taking place in different parts of the world. We will explore, investigate and analyze planet earth. Students will observe different experiments scientists are doing to learn about and protect planet earth. See how different organisms interact with each other and the environment. (Science, Language Arts)

****Fall into a Good Book
By Invitation Only**

6

Trees are bursting into color, temperatures are falling and it's the perfect time of year to curl up with a good book. With autumn themes from apples to pumpkins, students will celebrate the coming of fall by reading, writing a newspaper and participating in interactive activities. Join us and fall into a good book! (Language Arts)

****Mathematical Puzzles
By Invitation Only**

6

We will read "The Number Devil, A Mathematical Adventure," by Hans Magnus Enzensberger and will discover number patterns such as Fibonacci numbers and triangular numbers. Practice your fractions through playing a fraction maze, Egyptian fractions, playing on a fraction track, and solving word problems. Work on solving cooperative logic problems, placement puzzles, and Venn diagram puzzles. (Math)