

## AFTERNOON (P.M.) COURSE DESCRIPTIONS

### **\*\*Reading Rainbow**

**1**

#### **By Invitation Only**

Do you love listening to great stories? Do you like reading stories to yourself and your friends? Come and join us as we read story after story and work on reading skills you can use every day. (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)

### **The Fantastic Five Super Senses**

**1-2**

Come along on a fun-filled journey exploring our five senses. Let's find out how our senses help us learn about the world around us. Our journey will include learning about Braille, a "popcorn" day, and many more sensational activities. (Language Arts, Math)

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

**1-2**

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**

**1-2**

(Math)

### **Trees and Leaves**

**1-2**

Join Franconia's tree and leaf detectives. Investigate the parts of a tree and leaf. Identify many kinds of trees all around us. Learn about the importance of trees in our lives and in the environment. Discover why leaves change color and drop off in the winter. Take nature walks, adopt a tree, read, write and make all types of arts and crafts. (Language Arts, Science)

### **\*\*Fall into Reading**

**2**

#### **By Invitation Only**

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)

### **\*\*Math Masters**

**3**

#### **By Invitation Only**

Students will enrich their knowledge of Math skills such as place value, rounding and fractions through a variety of fun filled activities. We will make fraction books, play number bingo, and even make a jelly bean graph. Come be a Math Master! (Math)

### **Courtyard Rescue – Final Phase**

**3-4**

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)

**Lights, Action and Shoot / \*\*Jason Project****3-4****By Invitation Only**

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)

**Terrific Tall Tales****3-4**

Don't you just love reading those wonderful tall tales? Some of the tall tales we will read in this fun-filled class are Paul Bunyan, Pecos Bill, and John Henry! We will not only read, but do some fun crafts as well! (Language Arts)

**The Cat Who Went To Heaven****3-4**

Join the master painter and calligrapher in ancient Japan as he tries to make a special painting for his village. What will happen when his housekeeper brings a cat to live with him and keep him company? What inspires you when you are making a drawing or a painting? Learn about Japanese and Chinese painting techniques. Learn about calligraphy (a way of writing). Practice your own paintings and calligraphy. (Language Arts, Art, Social Studies)

**Wet-Water Weather****3-4**

Ever wonder what causes our weather and why it can change abruptly? Come discover what makes the whole thing work and how to read a weather map. Learn to measure wind speed and direction, air temperature and air pressure. Make your own cloud finder and learn how you can tell the temperature by cricket chirps. Join us for fun activities and review playing Jeopardy and Weather Bingo. (Math, Science, Geography)

**\*\*Fall for Reading****4****By Invitation Only**

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)

**\*\*Fall into a Good Book****5****By Invitation Only**

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****5****By Invitation Only**

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)

**\*\*Community Service****5-6****By Invitation Only****TBD / Wilderness Survival and Earth Skills****5-6**

TBD / 2<sup>nd</sup> Week: 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)

**Walk Like an Egyptian****5-6**

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)

**Whodunit?: Cases for Super Sleuths****5-6**

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 fingerprint;, 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)

**\*\*Number Sensations****6****By Invitation Only**

This hands-on class will be designed to strengthen math skills of sixth grade students, focusing on areas important to success in middle school. We will focus on numbers and number sense with an emphasis on operations on fractions decimals and percents. We will solve multi-step problems, using estimation, comparison, prime and composite numbers, and exponential notation. We will also strengthen skills in the area of equivalent relationships, multiples and factors. 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)