



Fifth Grade Parent Newsletter #24

This week we are reading “Journey to the Center of the Earth” by Jules Verne. We will focus on some vocabulary words in this story. It would be helpful if you will reinforce the meaning of these words at home with your child. Also, on this newsletter you will find our spelling words for the week. Please practice these words at home as well. The words in italics are our challenge spelling words. Let’s have a great week!

Our comprehension focus this week will be on identifying the main idea and supporting details using information in the text. Our grammar focus will be identifying and using comparative and superlative adverbs in the correct context.

Spelling Words: project, audience, decade, territory, auditorium, terrier, decimal, injection, December, reject, eject, terrace, audit, decimeter, audition, audible, decathlon, terrarium, dejected, terrain, *terra cotta, subterranean, conjecture, trajectory, terrestrial*

Vocabulary Word	Meaning
armor	any kind of protective covering
encases	covers completely, encloses
extinct	no longer existing
hideous	very ugly; frightful; horrible
plunged	fell or moved suddenly downward or forward
serpent	snake, especially a big snake

SCHOOL **to** HOME

Connections

Chapter 11 Graphs and Probability

Dear Family,

During this chapter, your child will learn about graphs and probability. The work will include:

- making and interpreting double bar graphs
- graphing equations
- drawing tree diagrams to show all possible combinations
- using multiplication to find the number of combinations
- comparing the experimental probability and theoretical probability of events

Activity

Children use the idea of combinations and probability in everyday situations long before they formally learn these concepts.

Encourage your child to look out for instances where combinations are used. Work out this problem with your child to practice skills learned in combination and probability.

- Jack and Karen play a game in which each of them first rolls a regular die and then picks a marble from a bag. The bag has 1 red marble and 1 blue marble.
- Find the total number of combinations of outcomes in this game. ($6 \times 2 = 12$)
- Draw a tree diagram to show all the possible combinations.
- The person who rolls the number 6 and picks a red marble is the winner. What is the probability of winning the game on any given turn. ($\frac{1}{12}$)

Vocabulary to Practice

Combinations refer to the grouping of items or events. Placing these items or events in a different order does not create a new combination.

A **tree diagram** shows all possible combinations of outcomes of an event.

A **favorable outcome** is a desired result.

Probability

$$= \frac{\text{Number of favorable outcomes}}{\text{Number of possible outcomes}}$$

