

## *Welcome Letter Math4 2019*

Dear parents and students, Welcome back to School Nova and Welcome to Math4!

### *Teaching Philosophy.*

This year we will continue building knowledge on the Math3 foundation. I will continue the School Nova tradition and let kids to discover many concepts, rather than telling the rule. Please support me in letting kids discovering math laws by themselves. If you tell the rule several times, it may still be forgotten, if it is discovered, it will be remembered forever.

We will continue solving word problem, writing and solving equations, operations with negative and fractional numbers, learn about prime numbers, LCM, GCD, geometry operations with fractions.

### *Class Policies.*

Parents are very welcome to the class. Please be quiet and don't interfere. Please take a seat at the back of the class.

### *Classwork.*

This year there will be slight change in class organization. Children will need a quadrille loose paper to solve class problems, as well as a pencil and an eraser on every lesson. I suggest getting a paper with big squares, 4x4 squares per inch. It will be easier for kids to write in bigger squares, as writing is still a challenge for some gifted mathematicians. Kids will also need a ruler, a compass, and a protractor at some point.

### *Homeworks.*

Home work is to be written on a separate quadrille piece of paper, with solution to show how the problem was solved. 4x4 squares per inch will come handy. NO WORDS are expected. Mathematical notations will suffice. Only short sentences if necessary. Homework is not optional. It is very important that a child tries to solve every problem and presents solution attempts or thoughts. Pace of the material can get intense and 2 missed homeworks can become a knowledge gap.

As a reward to HW completion, and its quality, tickets (later can be exchanged for chocolates) will be rewarded. I will also include some problems from HW in math battles.

### *Competitions.*

School Nova is participating in an international math competition called Math Kangaroo. Please register as soon as registration opens because seating is limited. There is a small fee for registration. We will be reviewing Math Kangaroo problems in class and at home.

Looking forward to the beginning of the wonderful journey!

Oksana.