

F A L L 2 0 1 9

the
GT Grades 3-6

Ridgewood Avenue School Newsletter

Martin Gardner's Birthday October 21st

Get ready to get your hexaflexagon on! By mastering the folds needed to create these minute masterpieces of paper, students will pay tribute to the master of math, magic, and puzzles.

"Consider a cow. A cow doesn't have the problem-solving skill of a chimpanzee, which has discovered how to get termites out of the ground by putting a stick into a hole.

Evolution has developed the brain's ability to solve puzzles, and at the same time has produced in our brain a pleasure of solving problems."

-Martin

Bits and Bytes

With a mathematics concentration, the first unit to be explored will capitalize on an exploration of spatial relationships. Students will explore "flexagons," learn the proper way to add the double prefixes to identify the shape of the flexagon and the number of faces it exposes, and practice the art of folding these pieces of paper.

October 21st will mark the birthday of Martin Gardner and the celebration of HEXAFLEXAGON Day!

Embarking on their "Flexagon Project," students practice crafting three various flexagons adding their individual touches of creativity to their creations. A fourth hexahexaflexagon will showcase the six points of research discovered about one famous mathematician.

Save the Date!

Math Marathon [Oct. 17th, 2019]

Grade 4 students will join other NJCGTP schools in a math forum to be held in Morristown, NJ.

MoMath field trip [Nov. 12th, 2019]

All students in grades 3, 4, 5, and 6 will visit the hands-on exhibits and take on 2 separate workshops delving into math theory.

Problem Solving [Nov. 14th, 2019]

Some of the 5th graders will join other schools at a Consortium held at Essex Fells Elementary School.

