

S.T.R.E.A.M.

Science.Technology.Reading.Engineering.and.Math

September 3rd- October 1st, 2020

2-3:30 pm

Heartlocke Studio

Teacher: Bethany Stone

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You've heard of STEAM and STEM, but how about STREAM? The 'R' stands for reading and is such an important part of every child's learning path! In these activities, we are linking STEAM projects to a book we read aloud. Each week, in this 5-week class, we will explore a different children's' title. We will be doing a fun, hands-on project relating to the book that will incorporate many different skills listed below.

Reading skills- story structure with the 5 elements of a story arc (conflict, rising action, climax, falling action, resolution, brainstorming, comprehension, comparing and contrasting, character traits, among others.

Math skills - engineering, area, and perimeter, measuring, money management, bar graphing for comparison, line plots, map skills, word problems, that they not only solve, but will be helping build.

Science skills- again engineering (a big part of this class), observing, building a hypothesis, experimenting theories with hands-on building of devices for various specific purposes based on the reading, communication, interpreting data, etc.

Materials needed: pencil, scrap paper, glue (preferably Elmer's stick glue), scissors, and crayons, colored pencils, or markers (your preference, optional)

READING LIST

PLEASE NOTE: The kids will **NOT** be required to bring their own book, I will have a copy to use for class.

Week 1, Sept. 3rd: "Rules of the House" by Mac Barnett

Week 2, Sept. 10th: "The Day the Crayons Quit" by Drew Daywalt

Week 3, Sept. 17th: "The Hair of Zoe Fleefer Goes to School" by Laurie Halse Anderson

Week 4, Sept. 24th: "If I Built a Car" by Chris Van Dusen

Week 5, Oct. 1st: "Moldilocks and the Three Scares: A Zombie Tale" by Lynne Marie