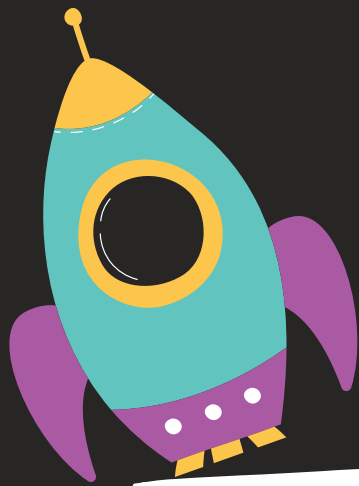
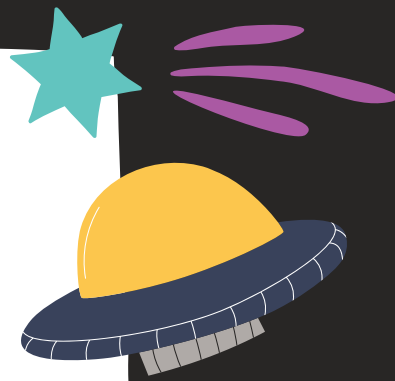


MRS. HOOKS STEAM CLASSROOM



..RECENTLY IN STEAM..

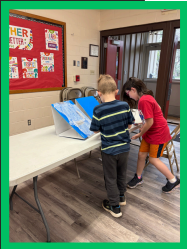
BUILDING CATAPULTS – STUDENTS LEARNED ABOUT FORCE AND MOTION WHILE DESIGNING AND TESTING THEIR OWN CATAPULTS.

SCIENCE OF MUSIC – WE DISCOVERED HOW SOUND WAVES WORK AND MADE DIFFERENT MUSICAL NOTES USING WATER-FILLED GLASSES. THEY ALSO MADE THEIR OWN INSTRUMENTS TO TAKE HOME.

MAKING SLIME – WE EXPLORED POLYMERS THAT ARE FOUND IN GLUE AND HOW THEY CHANGE WHEN MIXING WITH OTHER SUBSTANCES.

ENGINEERING CHALLENGES– USING LEGO BRICKS, STUDENTS PUT THEIR ENGINEERING AND DESIGN SKILLS TO THE TEST BY SOLVING BUILDING CHALLENGES. ANOTHER ENGINEERING CHALLENGE WE COMPLETED WAS DESIGNING TALL BUILDINGS WITH LIMITED SUPPLIES

RAMPS AND MOTION – STUDENTS EXPERIMENTED WITH RAMPS TO INVESTIGATE GRAVITY, FRICTION, AND HOW ANGLE AFFECTS SPEED AND DISTANCE



HOLIDAY STEAM ACTIVITIES

MACY DAY PARADE– STUDENTS LEARNED ABOUT THE SCIENCE AND ENGINEERING DESIGN THAT GOES INTO MAKING THE BALLOONS FOR THE PARADE AND DID AN EXPERIMENT BLOWING UP BALLOONS WITHOUT AIR.

TURKEY ZIPLINE (GRADES 3-6)– MADE A TURKEY TRANSPORT TO SEND A TURKEY SAFELY DOWN A ZIPLINE. GRAVITY, FORCE, AND ENGINEERING DESIGN ARE CRUCIAL TO SAFELY TRANSPORT THE TURKEY DOWN THE ZIPLINE

TURKEY SCAVENGER HUNT– STUDENTS HAD SEVERAL CLUES HIDDEN IN THE SCHOOL WHERE THEY ALSO HAD TO COMPLETE VARIOUS STEM ACTIVITIES IN ORDER TO COLLECT THEIR TEAMS FEATHERS TO PUT ON THEIR TURKEY

FAKE SNOW– WE LEARNED HOW SNOW IS MADE, THE BENEFITS OF SNOW, DIFFERENT KINDS OF SNOW, AND THE GEOMETRIC PATTERNS OF SNOWFLAKES. USING BAKING SODA AND SHAVING CREAM STUDENTS MADE "FAKE SNOW" AND BUILT SNOWBALLS AND SNOWMEN.

BINARY CODING– STUDENTS EXPLORED PATTERNS AND DECODED THEIR NAME USING BINARY CODING TO MAKE A BRACELET OR CHRISTMAS ORNAMENTS.

TURKEY SHELTERS (K-2)– MADE TURKEY SHELTERS TO HIDE AND CAMOUFLAGE THEIR TURKEYS SO WHEN THE HUNTER CAME, THEY COULDN'T FIND THEIR TURKEY!

