

# MRS. SPEESE – Director of STEM

## My Philosophy:

Hands on activities that promote problem solving with the opportunity for failure, provide lifelong learning experiences.

## My classes:

Creative Thinking Skills with a STEM Focus (Gr. K–8)

GATE – Gifted and Talented Enrichment (Gr. 4–8)

Food: Fact or Fiction Elective (Gr. 7)

# CREATIVE THINKING SKILLS/GATE PROJECTS



1. LENTIL SCIENCE

2. TALLEST TOWER CHALLENGE



3. TIME TRAVEL



4. BREAKOUT BOXES



5. DUCT TAPE SHOE CHALLENGE



6. ROBOTIC HAND ENGINEERING

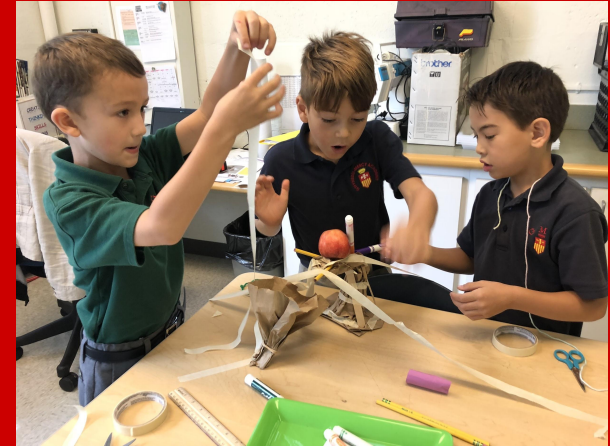
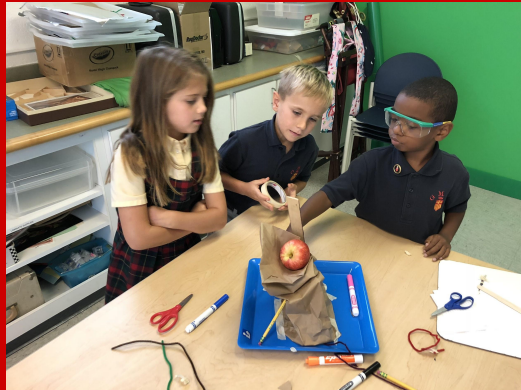
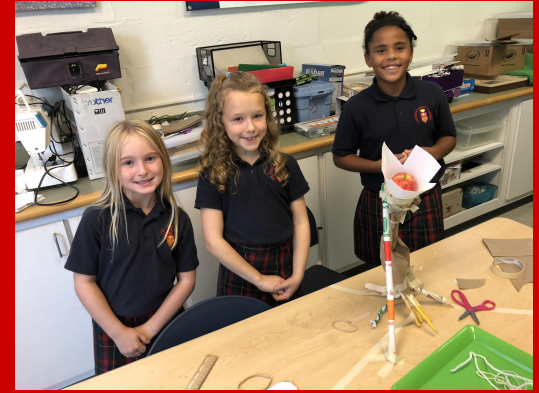


7. ANNUAL FAMILY STEM NIGHT

# DESIGN THINKING CHALLENGES WITH APPLES



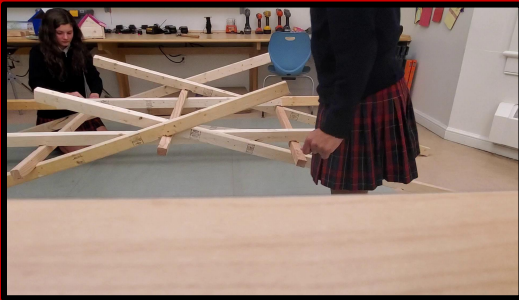
Challenges included building apple annihilators and free standing towers capable of holding an apple on top



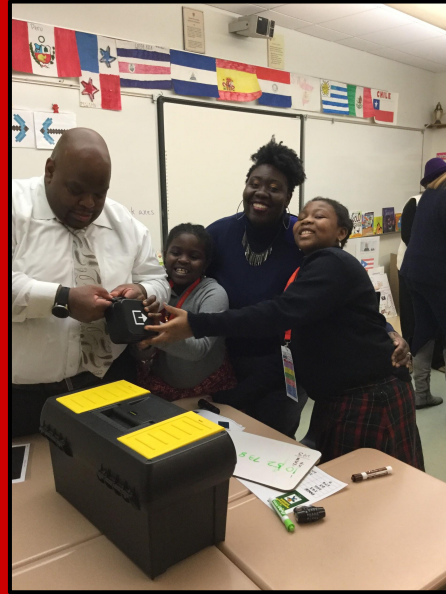
# FAMILY STEM NIGHT ACTIVITIES



Groovy Sounds



DaVinci Bridge



Breakout Boxes

Lego Architects

