



# STREAM Opportunity

(For Grades 2 through 8)



On May 16, 2019, from 6:30 pm-8:00 pm St Rose will be holding a STREAM Showcase with projects from all grades (K-8). This is an opportunity for our students and families to see some of the projects we have been doing throughout the year.

We will also have a section dedicated to student submissions. This is an opportunity for you to design and build your own project to be displayed. This is **voluntary** and will not count towards a class grade.

**All projects are due on Wednesday, May 15.** (This opportunity is available to students in grades 2 through 8). If you have any questions, please reach out to Mrs. Wilhelm at [jwilhelm@strosenj.com](mailto:jwilhelm@strosenj.com)

## Criteria:

- The project has to be a problem-solving design. You should **design and build** something that solves a problem. Here are some examples of the projects that will be showcased:
  - Design a cooler that can keep ice pops cold.
  - Design a cast for a broken arm.
  - Using the adaptations we learned about different animals, design a shoe that you could wear in a given environment.

*These examples are projects done in class and cannot be used for student submission.*

- Projects can be submitted by an individual student or by a small group.
- Projects must follow the design process: Ask - Explore - Model - Evaluate - Explain
- In addition to submitting your **built design**, you also need to submit a **written** report showing your design process. You may use the attached paper if you wish.
- Programming idea: You can also program a story using Scratch Jr or program a video game using Hopscotch or Tynker. You would need to bring your own tablet and demonstrate your program at the STREAM Showcase.
- You are strongly encouraged to come and explain your project at the Showcase but you are not required to attend (unless you chose the programming option.)

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*Please return this section if you are planning on submitting a project by 5/8/19*

Name(s): \_\_\_\_\_ Homeroom(s): \_\_\_\_\_

**STREAM SHOWCASE PARTICIPATION**

**STREAM Design Plan**  
(Submit with project submission)

**Participant Name(s):** \_\_\_\_\_

**Project Title:** \_\_\_\_\_

**Ask:** (What is the problem you are trying to solve?)

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**Materials:** (List the materials you used.)

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**Design:** (Brainstorm your solutions and sketch your design.)



