

# 2021-2022 Science & Engineering Project Timeline

1.

## Week of Sept. 6-12

- Class Meetings with Academic Research presentation
- Decide which research option you're interested in
- Read through science categories & subcategories
- Make a list of categories you're interested in

2.

## Week of Sept. 13-19

- Search your categories of interest (start with general Google searches)
- Brainstorm a list of topics from those categories
- Choosing a topic is the hardest part - stick with ones that interest you!

3.

## Week of Sept. 20-26

- RESEARCH!
- As you research, your topic may change or adjust - that's okay!
- Keep a list of articles and websites - you'll need these for your Bibliography

4.

## Week of Sept. 27- Oct. 3

- Keep researching
- Start to develop your plan and start documentation in Scientist
- Type out a detailed list of materials (incl. sizes, amounts, etc.)

5.

## Week of Oct. 4-10

- Finalize your plan (it's okay if it changes as you complete your project)
- Choose a teacher to be your mentor (remember to ask their permission)
- Order, purchase or borrow any materials or supplies needed

6.

## Week of Oct. 11-17

- Set up your experiment (keep documenting as you go)
- Start testing / designing / constructing / creating / growing, etc.
- Start collecting data (in tables or spreadsheets) and note observations

7.

### Week of Oct. 18-24

- Continue testing, building, analyzing, etc.
- Continue data collection and/or observations
- Record your process in Scienteer & in your research paper draft

8.

### Week of Oct. 25-31

- Continue collecting data and making observations
- If you had to make changes along the way, that's okay
- Keep documenting (photos too) - it will make the last few weeks easier

9.

### Week of Nov. 1-7

- Analyze & make conclusions based on your data
- Finalize your project & write a summary of your findings
- Register your project (title & category) by **Nov. 5**

10.

### Week of Nov. 8-14

- Work on your research paper
- Requirements can be found in Schoology "21-22 Students" Group

11.

### Week of Nov. 15-21

- Finish up your research paper
- Create your Google Slides or PowerPoint Slides for your display board

12.

### Week of Nov. 22-28

- Finalize your display board (boards available in the library for \$5 each)
- Practice your presentation so you're ready to explain your project to the judges



### Nov. 29 - Papers Due, Dec. 1 - Display Boards Due

- Email your Research Paper to Mrs. Marezki (or share in Google Docs)
- Bring your completed display board to A220 on Wednesday, Dec.1



### SEA Research Fair

- Students are expected to be present on Saturday, Dec.4 for judging
- Awards Ceremony will take place the following week, date TBA