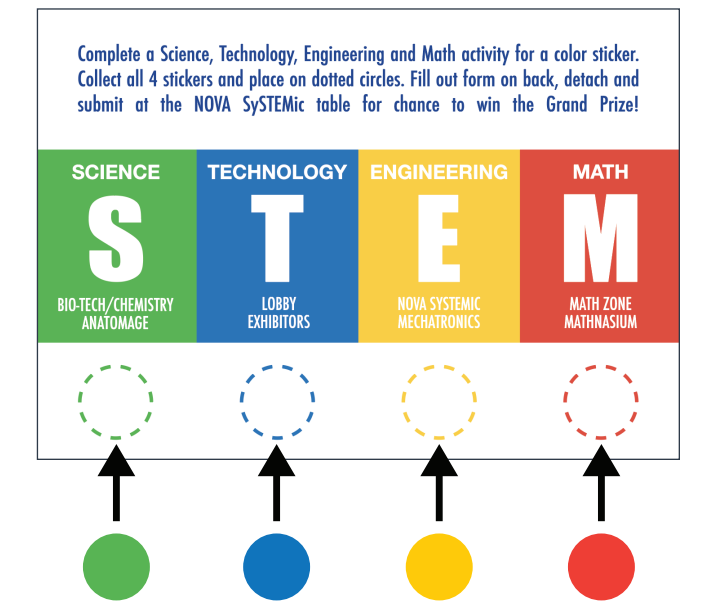
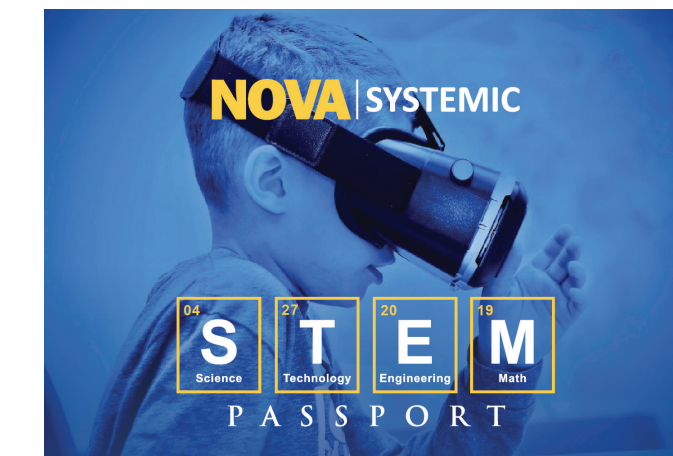


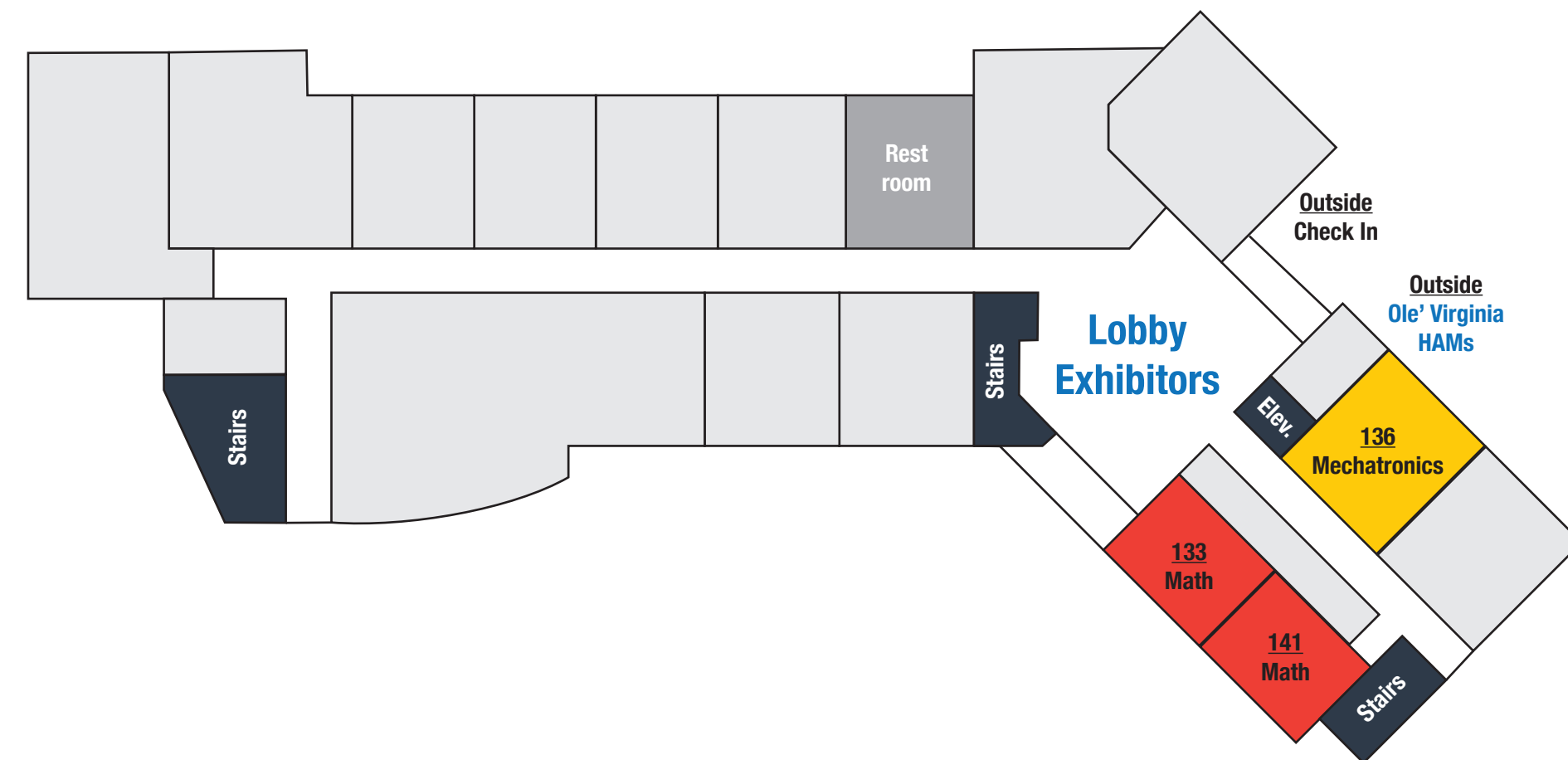
NOVA **04** **S** **27** **T** **20** **E** **19** **M** DAY

Science Technology Engineering Math

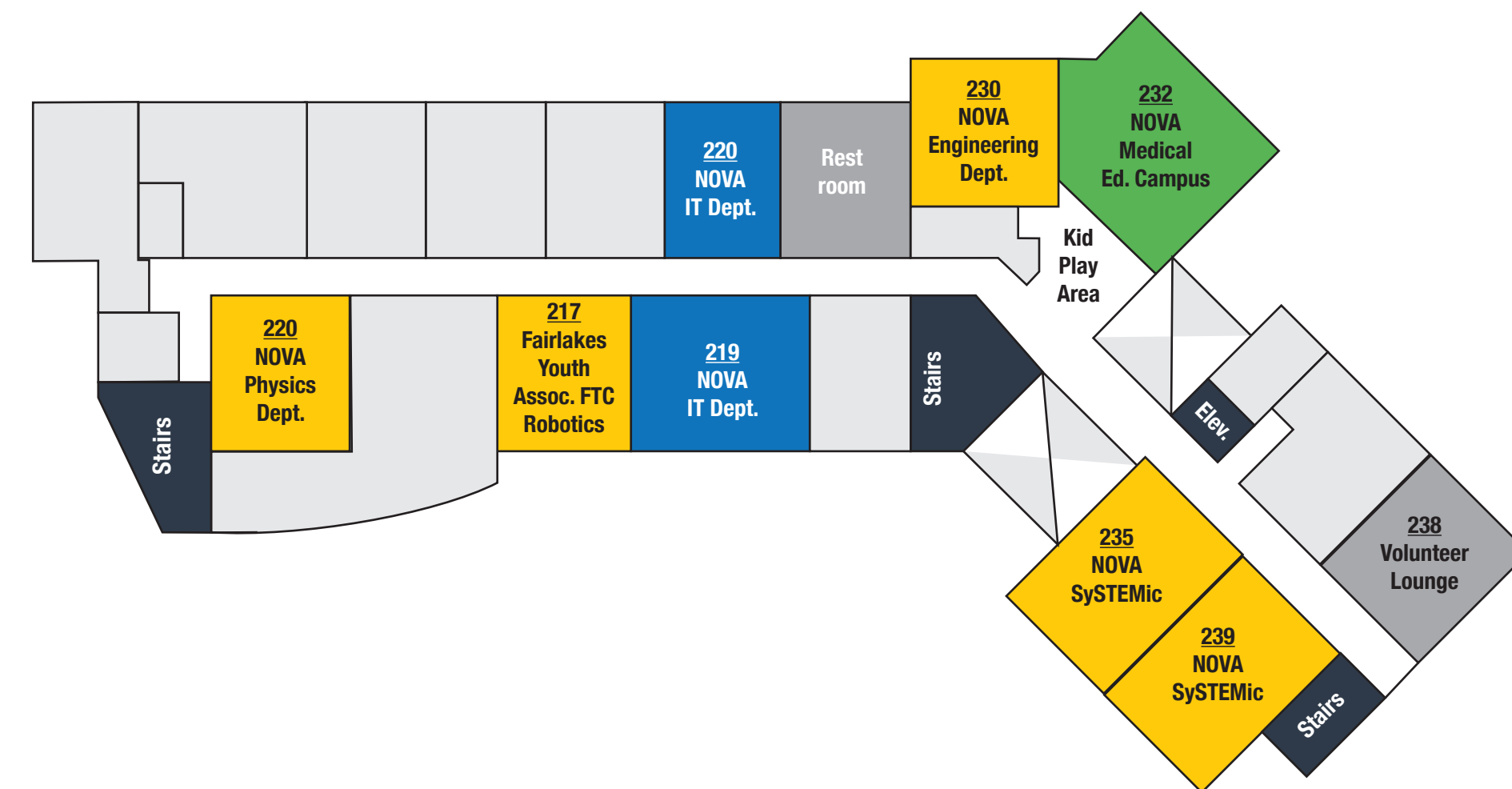
When you check-in, you will receive a STEM passport. Get all 4 stickers to complete the passport and submit at the check-in table to be entered for a raffle to win 1 of our 4 major prizes - **the grand prize is a free birthday party at LASER QUEST for up to 20 people.** The color-coding on the descriptions below and on the map will match the passport color coding where you will be able to get a sticker for that activity.



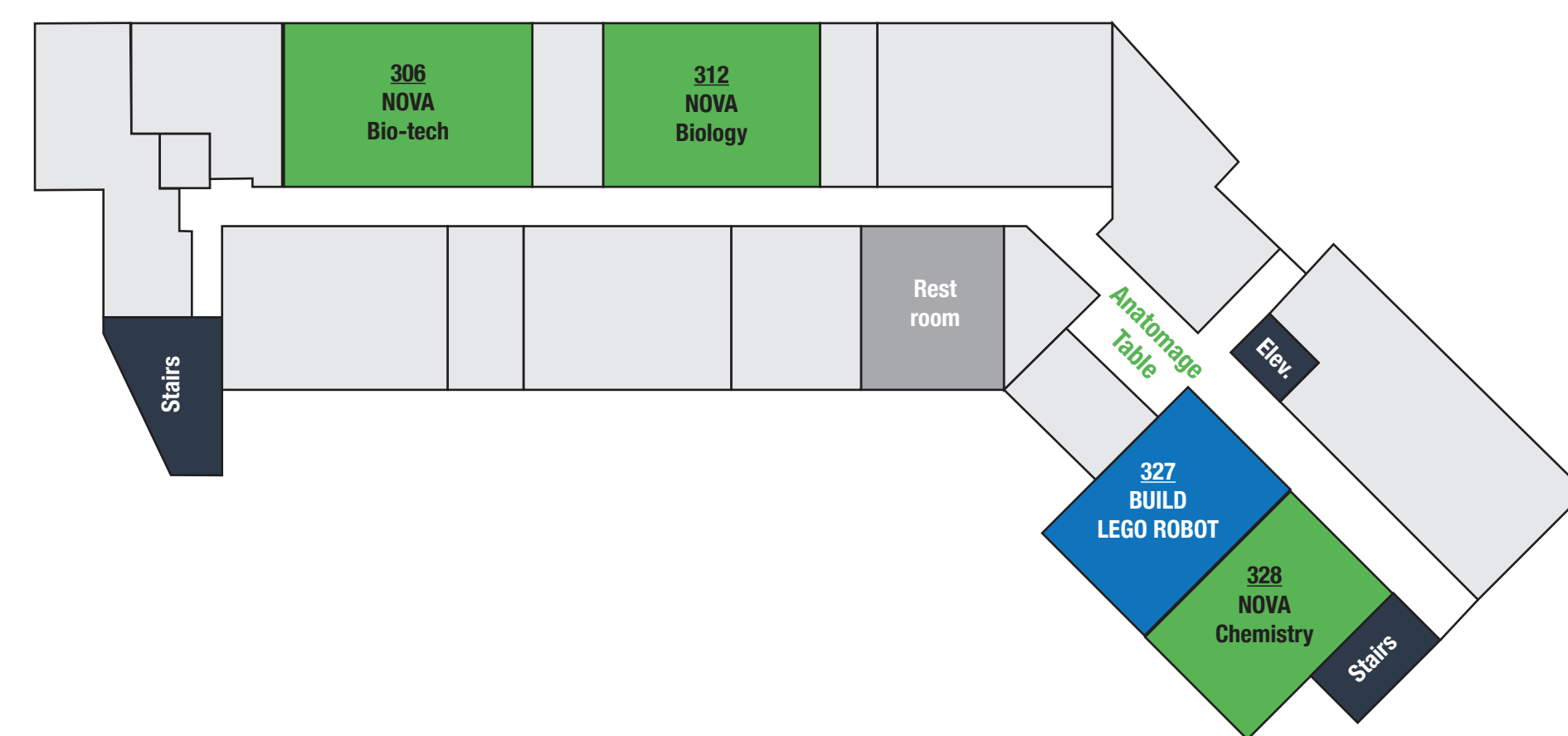
Floor 1



Floor 2



Floor 3



Supported by:



Check-In Parrish Hall

- **OLE' VIRGINIA HAMS:** Parrish Hall Entrance
Learn about Ham Amateur radio

Technology Zone First Floor

- **NOVA:** Parrish Hall Lobby
Learn how to get ahead and save money at NOVA
- **MANASSAS PARK CITY SCHOOLS:** Parrish Hall Lobby
Learn more about Manassas Park City Schools
- **MASON GAME & TECH. ACADEMY:** Parrish Hall Lobby
Learn the basics of making your own video game
- **IDTECH:** Parrish Hall Lobby
Learn about A.I. with a little robot named Cozmo

- **PWC SERVICE AUTHORITY:** Parrish Hall Lobby
Activities that educate about water resources and treatment
- **LASERQUEST:** Parrish Hall Lobby
Learn about laser equipment and how lasers are used
- **PWC LIBRARIES:** Parrish Hall Lobby
Interactive table activities and prize giveaways
- **MICRON:** Parrish Hall Lobby
Learn about the manufacturing of memory chips

Math Zone First Floor

- **MATHNASIUM OF MANASSAS:** Parrish Hall Lobby
Hands on geometry activities and math playing cards
- **MECHATRONICS:** Parrish Hall 136
Play with Programmable Logic Controllers (PLC's)

- **MATH ZONE:** Parrish Hall 133 & 141
Learn about Pi and play Math Jeopardy

Engineering Zone Second Floor

- **PHYSICS EXHIBIT/GAMES:** Parrish Hall 211
Electricity, Gyroscope Precision, Beats/Frequency & more
- **IT-TECHNOLOGY:** Parrish Hall 219 & 220
Fun with Block Coding and Puzzle Games
- **ENGINEERING EXPLORATION:** Parrish Hall 230
Electricity, Magnetism, Train Design, Levitation, Propulsion

- **FAIRLAKES YOUTH ASSOCIATION:** Parrish Hall 217
Learn the basics of engineering with FTC Robotics
- **NOVA MEDICAL ED. CAMPUS:** Parrish Hall 232
Learn about medical science and patient samples
- **NOVA SYSTEMIC:** Parrish Hall 236-239
Robotics, Programming w/ Sphero & Osmo, Laser Engraving

Science Zone Third Floor

- **BIO-TECHNOLOGY:** Parrish Hall 306
Glow Bacteria, Milk Protein, DNA Activities
- **BIOLOGY:** Parrish Hall 312
Microscopes, Glow Germs, & Disinfectant
- **BUILD A LEGO ROBOT WORKSHOP:** Parrish Hall 327
And learn the basics of programming
10:30am, 12:00pm, & 1:30pm

- **ANATOMAGE TABLE:** Parrish Hall 314 & 325
Learn anatomy by digitally dissecting a human cadaver
- **CHEMISTRY:** Parrish Hall 329
Models, Fizzy Soda, How Sweet It Is, Glitter Slime