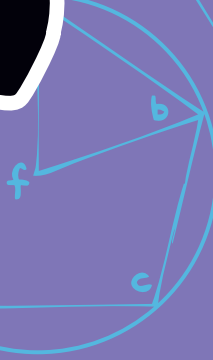
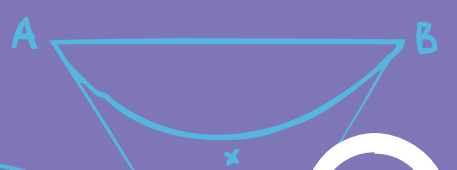
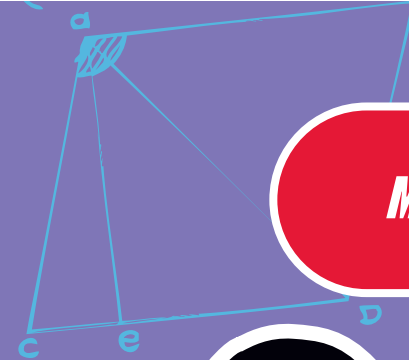


MATHALIVE! FLOOR PLAN



$$y = -\sqrt{300}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



$$f(x) = \frac{1}{3} + \dots$$

HIGHLIGHTS OF THE EXHIBIT BY SECTION

RESOURCE CENTER

- *Play ...* Sum of All Thrills, MathMovesU.com
- *Explore ...* Math Programs, Competitions, etc.
- *Connect ...* Local Events, Activities Center

FUTURE STYLE ... STYLE AND DESIGN

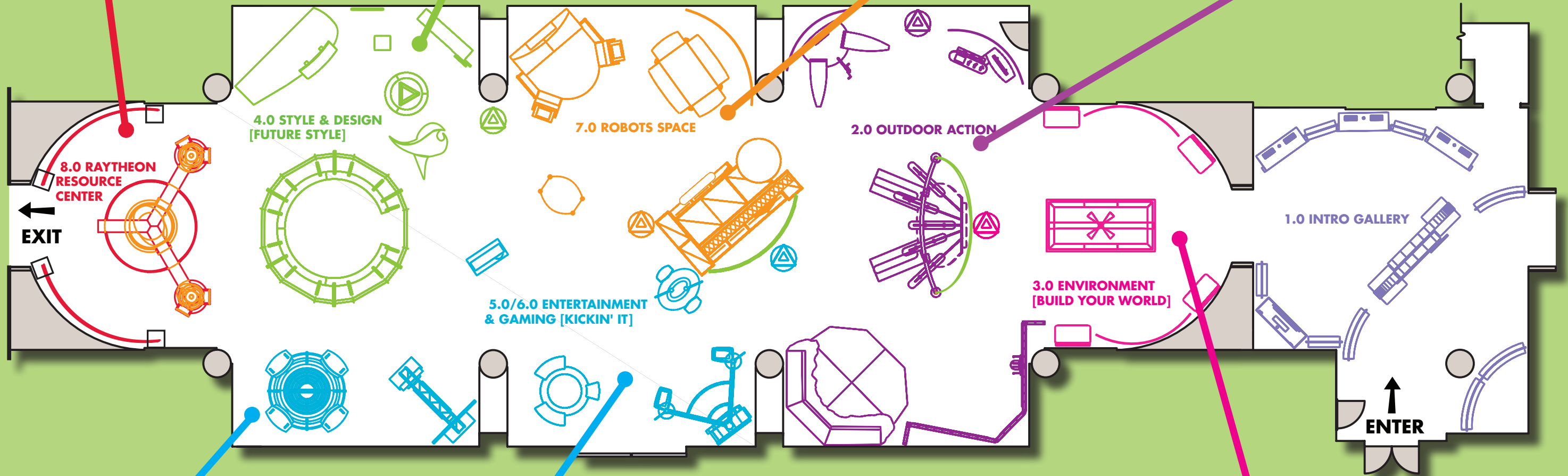
- *Style Revolution ...* 360-degree Photo Shoot
- *Make It Fit ...* Tessellations
- *Nature's Numbers ...* Nature's Patterns
- *Shadow Play ...* Shadows
- **Featured Personalities:**
 - o Neri Oxman, architect and designer
 - o Theo Jansen, artist and designer

ROBOTICS AND SPACE

- *On Target ...* NASA Robot Space Walk
- *Curiosity Rover*
- *Robot Rally ...* Robot Artifact Display
- *Picture This ...* Hubble Telescope
- **Featured Personalities:**
 - o Dennis Hong, robotics engineer
 - o Robin Murphy, robotics engineer
 - o Kathryn Gray, student and supernova searcher
 - o Robonaut 2

OUTDOOR ACTION ... ADVENTURE SPORTS

- *Boardercross ...* Snowboard Experience
- *Get a Grip ...* Rock Climbing
- *Measure Up ...* Scatter Plot
- *It's a Stretch ...* Arm Span
- *Ramp It Up ...* Build a Skateboard with POP
- *Pedal to the Peak ...* Mountain Bike Challenge
- **Featured Personalities:**
 - o Eric "Tuma" Britton, professional skater/instructor
 - o Liza Brooks, vibrations engineer and co-owner "True Snowboards"
 - o Skip Garibaldi, mathematician and rock climber



KICKIN' IT ... ENTERTAINMENT

- *Mix It Up ...* Giant Musical Instrument
- *Flicker Fusion ...* Make a Movie
- *Step Up ...* Dance Motion
- *Game Developer ...* 3-D Mapping
 - o Daniel Ferguson, IMAX film director and screenwriter
 - o Ajay Kapur, musician and computer scientist

GAME PLAN ... VIDEO GAMES AND OTHER GAMES

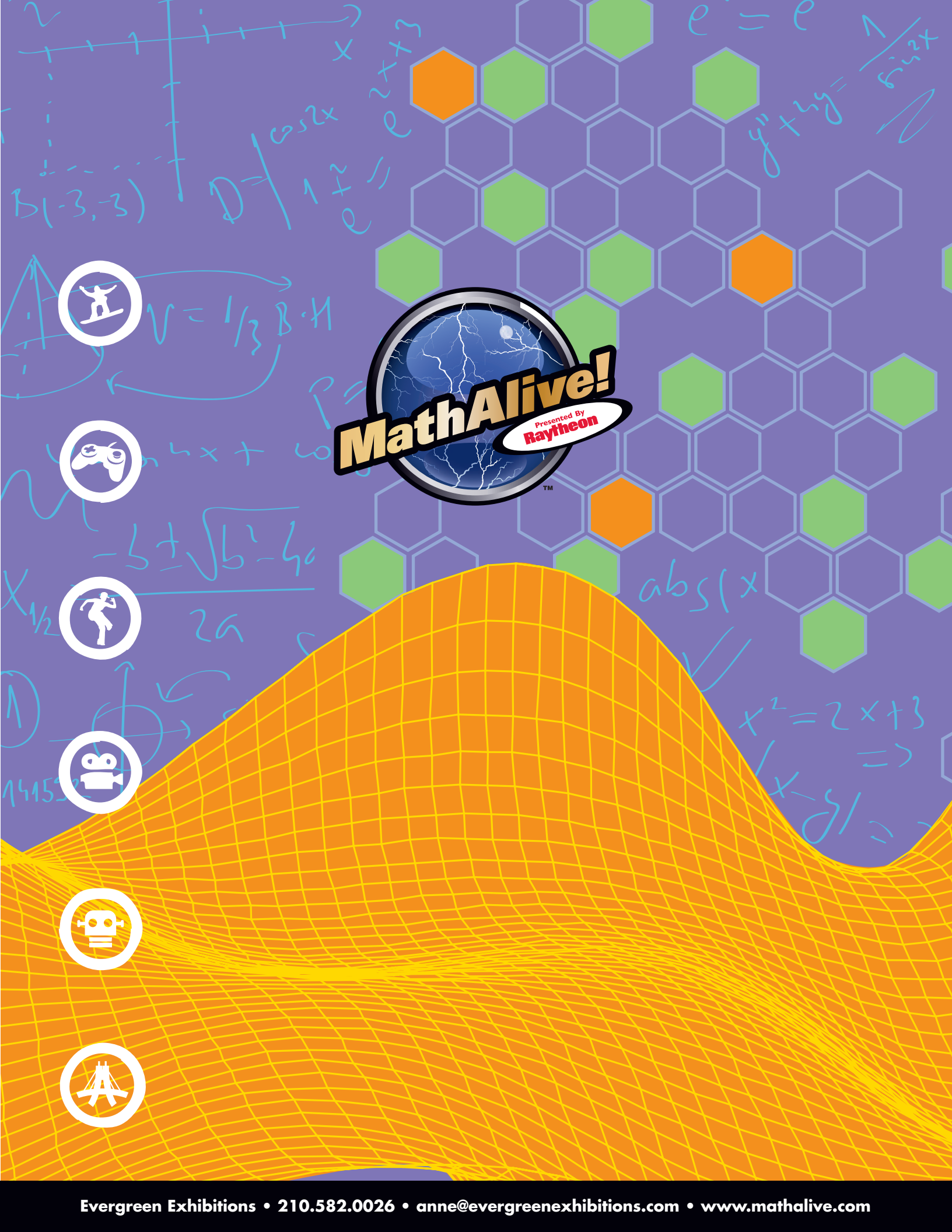
- *Game Developer*
- *Crack the (Binary) Code*
- *Flip It ...* Probability
- *Game Box Kids*
- **Featured Personalities:**
 - o Robin Hunicke, game developer
 - o Michael Mateas, game developer

BUILD YOUR WORLD ... ENVIRONMENT

- *Bridge to the Future ...* The Engineered City
- *Power Play ...* Energy
- *Test the Waters ...* Water
- *Easy on the Gas ...* Transportation
- *Going Viral ...* Communications

Featured Personalities

- o Rondi Davies, geologist and champion marathon swimmer
- o Tanya Martinez, electrical engineer
- o Christine Outram, Director, City Innovation Group, LA
- o Yemarsheh Yemane, engineer and business owner, Ethiopia
- o Francisca Rojas, communication/migration specialist



MathAlive!

Presented By
Raytheon

