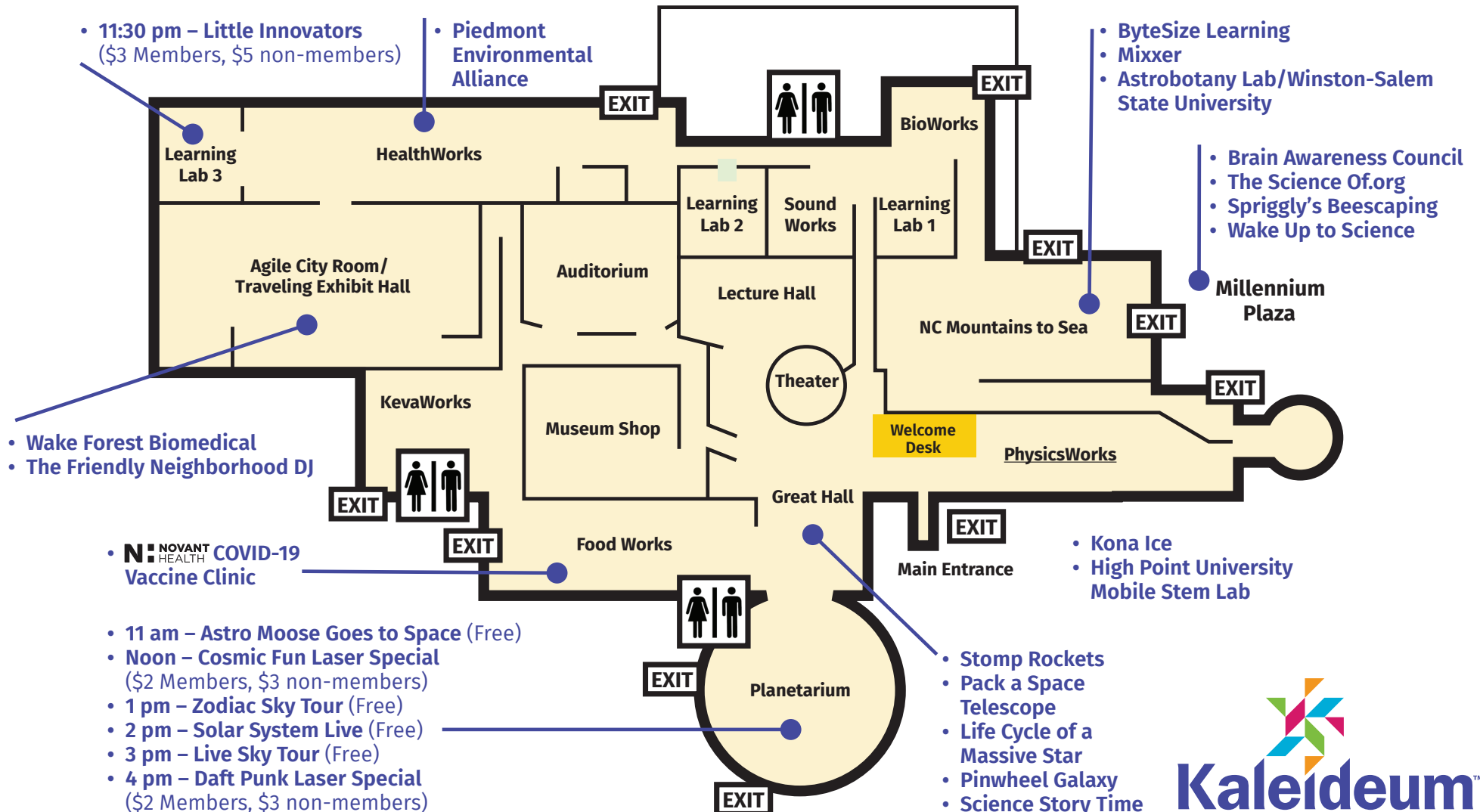


# STEM & Innovation Expo

Saturday, April 9, 10 am-2 pm

**NC**  
SCIFEST



## Great Hall:

- **Stomp Rockets** — Build and launch your very own paper rocket!
- **Pack a Space Telescope** — Build a simple model of the James Webb Space Telescope and test your design to see if it fits inside of our model rocket to be sent into space.
- **Life Cycle of a Massive Star** — Model the life cycle of a massive star by using beads to represent the different stages of the star's life.
- **Pinwheel Galaxy** — Make a pinwheel of the Pinwheel Galaxy and learn about the other far out galaxies in the Milky Way.
- **Science Story Time** — We'll read *The Big Bang Book*, a children's book about the mysteries of how the universe began written by the astrophysicist, Asa Stahl.

## Mountains to Sea:

- **ByteSize Learning** — Explore interactive stations showcasing multimedia and coding projects.
- **Mixer** — Come learn more about Mixer camps, 3D printing and laser cutting.
- **Astrobotany Lab / Winston-Salem State University** — Discover how scientists are growing plants in Martian and Lunar habitats.

## Traveling Exhibit Hall

- **Wake Forest Biomedical** — Examine various medical devices on the cutting edge of science.
- **The Friendly Neighborhood DJ**

## Millennium Plaza

- **Brain Awareness Council** — Stop by and build-a-neuron; compare brains from different organisms; and explore how well helmets protect your brain with a fun activity.
- **The Science Of.org** — Hands-on science demonstration.
- **Spriggly's Beescaping** — Discover the importance of pollinators and learn about our brand new beehouses.
- **Wake Up to Science** — Explore the world too small to see with microscopes and magnifying glasses. Learn more about a gardening project at Mixxer as well.

## Food Works:

- **COVID-19 Vaccine Clinic** for ages 5 and up presented by Novant Health.

## Health Works:

- **Piedmont Environmental Alliance** — Test your ability to generate electricity using only your own muscle power and a bicycle.

## Learning Lab 3:

- **11:30 am — Little Innovators**  
*Tickets can be purchased at the front desk for \$3 members/\$5 nonmembers*

## Entrance/Parking Lot

- **High Point University Mobile Stem Lab** — Step inside the STEM lab and explore how chemists determine what something is made of.
- **Kona Ice**

## Planetarium Shows

- **11 am: Astro Moose Goes to Space** — Journey through the Solar System with our intrepid "mooseonaut," Astro Moose, in this animated program for the young astronomer.
- **Noon: Cosmic Fun Laser Special** — Laser animations and popular cosmic-themed tunes are combined for this spacey laser show.  
*\$2 members/\$3 non-members. Tickets can be purchased at the Welcome Desk.*
- **1 pm: Zodiac Sky Tour** — Find out what your astrological sign looks like in the night sky as we tour the constellations of the Zodiac.
- **2 pm: Solar System Live** — Learn about the eight planets in our Solar System and visit a few Dwarf Planets along the way.
- **3 pm: Live Sky Tour** — Take a tour of the stars and constellations we can see in tonight's sky and throughout the spring season.
- **4 pm: Daft Punk Laser Special** — Laser animations and music from the French electronic music duo from 1993.  
*\$2 members/\$3 non-members. Tickets can be purchased at the Welcome Desk.*