Innovate
Create
Discover

10 Awesome Things About the Maker[Space]Ship

- **IT’S A MASSIVE GREEN VEHICLE**
  Equipped with 3 solar panels & runs on renewable diesel.

- **EDUCATIONAL PROGRAMMING**
  Meets National School Standards.

- **EQUIPPED WITH STATE-OF-THE-ART TECHNOLOGY**
  3D Printers
  Laser Cutters
  Desktop CNC
  Telescopes
  Microscopes
  Computers
  And more!

- **WI-FI HOTSPOT**
  Stay connected inside & outside the bus.

- **EXTERNAL & INTERNAL PUBLIC ADDRESS SYSTEM**
  Get all the latest announcements.

- **WHEELCHAIR LIFT**
  Accessibility for all!

- **39-FOOT CUSTOM BUS OPERATING WEEKLY**
  The bus fits up to 20 people on board & will make regular stops all around San José.

- **ON BOARD GREEN SCREEN**
  Available for photos & making movies.

- **HANDS-ON STEAM LEARNING**
  Everyone can take part in these fun and exciting programs!

- **SEVEN LED MONITORS**
  Discover, learn & explore inside and outside the bus.

**Quick Facts**

- **CAPACITY**: Up to 20 people on board
- **LAPTOPS**: 20
- **SIZE OF BUS**: 39-ft. bus
- **SIZE OF INSIDE SPACE**: 240 sq. ft.
- **TOTAL COST**: $409,661

**Mission**

The Maker[Space]Ship is an innovative mobile workshop which overcomes access barriers in San José to foster creative ideas, connect people with technology, and encourage problem-solving, collaboration, and discovery.

**Contact**

EMAIL: MakerSpaceShip@sjlibrary.org

**Stay Connected**

/makerspaceship

sjpl.org/enews

Keep up to date with current routes, news & exciting programs at:

sjpl.org/MakerSpaceShip
New Worlds Await

Explore Microscopic Worlds
Discover Your Inner Culinary Genius
Solve Exciting Engineering Challenges
Bring Robots to Life
Compose Artistic Masterpieces
Create & Print 3D Objects

Software

Adobe Creative Suite
Microsoft Office Suite

MUSIC PRODUCTION
Audacity with LAME MP3 encoder
FL Studio
Sonic Pi

VIDEO PRODUCTION
Adobe Premiere Pro & After Effects
GoPro Video

3D DESIGN
123D Design
On Shape
SketchUp

GAMING
GameMaker: Studio
Unity 5
Visual Studio

Tools & Equipment

AmScope Bio-Compound Microscope
AmScope Microscope Imager (MD35)
Arduino Starter Kit
Canon Rebel T6 DSLR
Canon XA10 Camcorder
Celestron 70mm Travel Scope (21035)
Celestron NexStar 130 SLT Telescope
Epilog Zing 16 Laser Cutter
GoPro Camera
Induction Cooktops
LEGO* Mindstorms*
Lulzbot Taz 6 3D Printer
Makey Makey
Nomad 883 CNC Machine
Raspberry Pi
Scribbler
Serger & Sewing Machine
Silhouette Cameo
Wacom Intuos Pen & Touch Tablet

Events, Programs, Workshops & More

Experience hands on making events & programs that explore STEAM (Science, Technology, Engineering, Arts, Math) learning on the bus offered up to 15 hours a week at public & private sites.
sjpl.org/MakerSpaceShip

Location Proposal

Would you like the Maker[Space]Ship to come to your location? Fill out the online location proposal form!
sjpl.org/MSSproposal

Program Proposal

If you are an individual or organization who would like to present a program, please use the online form to send us your program proposal.
sjpl.org/Program-Proposal

Donate Today

Support us through the San José Public Library Foundation. Please write "Maker[Space]Ship" in the Additional Comments section when submitting an online donation.
sjplf.org

Meet the Crew

Elizabeth A. is a librarian with the San José Public Library. She brings a technical background and life-long love for science to her work on the Maker[Space]Ship and appreciates the opportunity to make STEAM learning and maker culture more accessible to every San Josean.

Padmashree G. is an adaptive librarian in Education and Programming Services for San José Public Library. She brings an engineering background to her work, ensuring inclusive and inspirational lifelong learning experiences and delivering hands-on STEAM activities for all ages on the Maker[Space]Ship. Padmashree presents opportunities for users to inspire, discover, collaborate, and develop innovative thinking skills to ‘Make It Happen’ and achieve their dreams.

Benjamin F. is a Library Clerk for the San José Public Library’s Education & Programming Services Unit, and the lead pilot for the Maker[Space]Ship. He assists and supports Librarians in delivering quality STEAM programs to underserved communities. He has a background in Early Childhood Education, enjoys teaching children, and strives to help connect families with library resources and services.

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