



OPPORTUNITY • DISCOVERY • INSPIRATION

We thank the following partners for sponsoring Spring into STEAM and for bringing their expertise and enthusiasm to our communities:



Microsoft



sandiego.gov/steam

March – May 2019

DIVE IN!

Get your Feet Wet with Marine Life

Are you ready to learn something new? Our 3rd annual Spring into STEAM runs March through May. Local scientists are coming on board with hands-on workshops at our 35 open San Diego Public Library locations.

All programs are geared towards students ages 9 – 12.

Registration required. Please visit our website for program extras, dates and for event registration:

sandiego.gov/steam



Kick-off Event

STEM in your Backyard

Logan Heights Branch Library
March 5 • 3:30 – 6:30 p.m.

presented by Biocom Institute

S

Making Waves

Learn about the science behind sea life—they may be under the water, but they make up most of our air! Later, get up close with sea life.

Build your own Watershed

Explore how humans impact local waterways in San Diego. Build a watershed model, test it out and learn how to keep our ocean clean!

T

Go Beneath the Waves with Minecraft™

Armed with a tablet and Microsoft's Update Aquatic, code your own aquatic environment. Sunken ships, coral reefs, what's the story behind it all?

E

Hurricanes vs. Houses

Learn how these tropical storms come about and the effect they have on land and sea. Build structures and see how well they hold up over simulated wind and rain.

A

Create-a-Creature: Animal Adaptations

See how marine life has adapted over time to their watery environment. Use this knowledge to create your own creature, complete with it's own specialized adaptations!

M

Underwater Coding

Roll up your sleeves, it's time to learn coding using Scratch, a visual computer programming language. Have some fun as you code fish in an underwater ocean scene.

Extra Project: Dive into **DIY!**

Make your own self-watering plant or water filtration system and earn a special prize! Show us a photo with your project or bring it to one of our libraries.

For instructions, please visit: sandiego.gov/steam