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| **1. Underwater Adventure:** *Learn fun, fascinating facts about Hawaiian marine life, ocean ecology, and the science behind exploring the underwater world.* ***Teri Leicher, Elle Brown, & Jessica Doyle,*** Scuba Instructors, **Jack’s Diving Locker**.**2. Marine Science & Problem Solving Along Our Shores:** *Marine biologists work to save Hawaii’s precious coastal ecosystems. Students get an up close (and fishy) look at the threats to these ecosystems****.*  Megan Lamson Leatherman,** Education and Outreach, **Hawaii Wildlife Fund.****3. Coral Reef Conservation and Monitoring:** *Learn what it means to be a marine biologist and why they are so important in Hawaii.* **Laura Jackson, DLNR, Division of Aquatic Resources****4. Creative Computer Programming:** *Transform yourself into a “Program Master” and create a “PokeGEMS” nametag to take home.* **Liz Chock**, Lead Observing Assistant, **W, M. Keck Observatory****5. The Art and Science of Food:** *Discover the delicious connections among nutrition, math, cooking, and science.* **Simone White,** Chef, **American Culinary Federation *and/or Kealakehe Culinary Students.*****6. & 7. A “WHEA” (way of) Life:** *Learn from WHEA high school students about projects from A to Z and go from the mountain to the sea. Check out some cool tidepool organisms, deep sea creatures, and a 3D printer, just to name a few.* **West Hawaii Explorations Academy High School students (Liana White, sponsor)****8. Programming Robots:** Learn how to control a Sphero robot by using a smartphone or tablet and dive into the world of programming by learning how to use Scratch to program a Sphero robot to perform various tasks and maneuvers. **Dana McLaughlin, Director, Hawaii Keiki Museum.****9. Structures: How Are Structures Made Strong?** *Learn ways to make your structures strong. There will be kits to test the ideas and then we will challenge the structures with weights and water.* **Sue Roberts**, Chemist (retired)**10. The Skin Doctor Is In: Returning from 2019:** Be a mini-dermatologist and learn about different forms of skin cancer; the importance of sunscreen; and how dermatologists remove suspicious spots. **Dr. Parwathi (Uma) Paniker,** MD Dermatology, & **Bill Kremers,** **Kaiser Permanente****11. Body Shop:** *Learn how the body works as a “machine” and become a chiropractic “mechanic” to fix it.* **Dr. Lisa DiNatale**, Chiropractor, & **Joe Zapataoliva,** **TLC Chiropractic****12. Make an impact . . . CRATER!:** *The Moon’s surface is full of craters. Did you ever wonder how that happened? What about the craters on Earth? Why do they look the way they do?**Come find out!!* ***Mary Beth Laychek, Heather Flewelling,* & Nadine Manset,** Resident Astronomers, **Canada-France-Hawaii Telescope****13. Marine Protected Species:** Learn about conservation work with three of Hawaii’s marine protected species – Hawaiian Monk Seals, Green Sea Turtles, and Hawksbill Sea Turtles – and how you can help protect them. **Wendy Marks, School and Youth Program Manager, & Jackie Milligan, Ke Kai Ola****14. 15. & 16. Robots: The Science of Robotics is All Around Us:** *Spend time with high school Robotics Team Members and learn about robotic competition and how the science of Robotics helps us and our world.* **Kealakehe High School Award Winning Robotics Team Members (Justin Brown, sponsor)** |
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