

## **PROGRAMS FOR SCHOOL VISITS**

### **Benny's Bug Rodeo!**

Alan pulls the lid off of the world of bugs with an exciting introduction to creepy crawlies! Kids will explore dozens of REAL bugs, investigate why an insect might eat its own house, and we will crown the best bug eater in the land! After an dramatic reading of Benny and The Big Bug Box, we close with the grand finale, "Build a Bug Bungalow"!

Here, we use our new bug knowledge to build REAL bug habitats for REAL bugs! The Bug Bungalows will provide food, water, and shelter for the critters we put in, and everyone will learn the perfect answers to calm nervous grown ups who don't know how great bugs are!

### **500 Pound Rock Party!**

Are you ready to explore blazing volcanoes, ancient beaches, and amazing crystals? Enjoy nature's treasures as we discover the rock cycle in a hands-on rock lab! Every student gets samples of each of the three rock types (sedimentary, igneous, metamorphic) to launch their own rock collections!

### **Good Vibrations: Buzz, Hum, and Squeak!**

Can you listen to music through your teeth? How loud is an astronaut burp? Could a weird noise make you barf? Come ride the sound waves as we play with roaring balloons, clucking cups, and screaming tennis balls! This lab is sure to resonate with students as they discover the sound energy found in everyday life! This popular presentation explains sound's impact on our environment, our health, and on our relationships!

## **EDUCATOR TRAINING (professional development):**

Note: PD sessions are four hours (two morning, two afternoon) and include all lab materials and handouts. Because the needs of each school are unique, please contact me to discuss how I can plan the perfect PD for your school!

- DIY Club: Launch inspiring clubs the RIGHT way!**
- Float, Freeze, and Fly: Unleash PROPERTIES OF MATTER in your classroom!**
- Burps, Bugs, and Biomes: Life Science up close!**
- 500 Pound Rock Party!**

## **500 Pound Rock Party (Birthday/Special Event)**

(\*\*\*Note: The format for this lab is different than the above school visit of the same name.)

Do you know a geologist who needs more rocks in their life? Does your school or camp need a hefty dose of Earth Science awesome? Then it's time to host a 500 Pound Rock Party!

I've been hunting, breaking, collecting and licking rocks since I was three years old, and my favorite subject in the whole world is Geology! I've hunted rocks all over the United States, led rock hunting expeditions across North Texas, and I've delivered Earth Science labs to thousands of elementary students in dozens of schools and camps! After decades of digging and collecting, I've decided (ok, my wife decided) it's time to share my treasures with the excited rockhounds of the world. And when Jessie Marie says it's time to share rocks, she doesn't mean a few pebbles at a time. She means 500 pounds at a time! Using the specimens, tools, and labs that I've tested for years, I'll help you throw a 500 Pound Rock Party that your explorers will never forget!

On the day of your party, you and your geologists will enjoy the following:

-45 minute labs designed to get your school pumped up about Earth Science!

In that lab, your geologists will learn:

- What rocks are used for in our daily lives
- The 3 main rock types
- How the rock cycle works
- Geologist tools and tricks
- The best places to hunt rocks and fossils
- A tour of of Alan's personal rock collection

-The #RocksRock hand-out session where every student launches their own rock collection!

Everyone will get samples to keep of each the 3 rock types (Sedimentary, Igneous, Metamorphic) plus a fossil!

-500 pounds of diverse rock, minerals, and fossil specimens for kids to explore.

-An author's reading of my upcoming book Sarah Grace, Super Geek: Rocks Rock! (unless otherwise requested).

-A pre-order of the book Sarah Grace, Super Geek: Rocks Rock! for the librarian, teacher, or leader hosting the party.