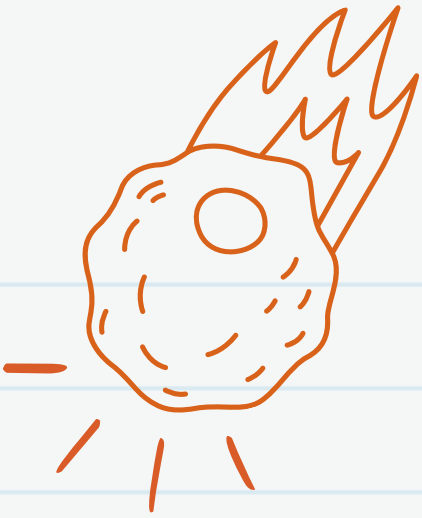
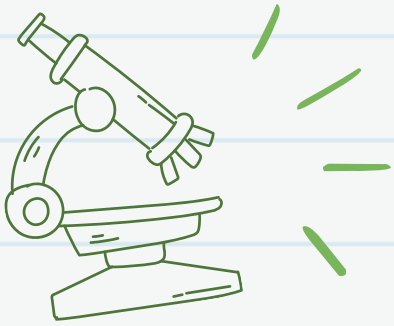
AMOS
ASHEVILLE MUSEUM OF SCIENCE





AFTERSCHOOL GUIDE

2026-27

43 Patton Ave | ashevillescience.org | 828-254-7162

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Earth Explorers

Environmental Science

Dive into the core, the mantle, and the crust of the Earth—and explore all the magnificent things that exist around us, both near and far. Crack open geodes, marvel at Flora and Fauna, discuss and discover the oddities of Earth. Geology, Environmental Science, Botany, Ecology, and more! Students will guide us as we delve into all the unknowns of this planet that we call home.

Tinkering Workshop

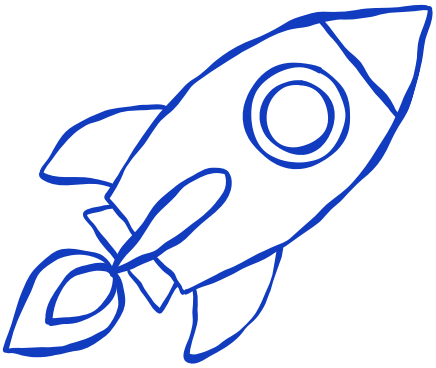
Engineering

Explore what it means to “Tinker” in our Tinkering Workshop. Each week our classroom will change into workshops, toyshops, rocket testing facilities, and more. We let the students guide the program as we spend time each week exploring what is possible with a little creativity, and a lot of masking tape. We’ll use a variety of tools, getting our hands on school safe cutters, awls, and screwdrivers, to turn simple materials into something amazing. You will never guess what creations your students will make!

The Art of Science

STEAM

Was Van Gogh a scientist? Was Einstein an artist? What does the A in “STEAM” stand for? Well, “The Art of Science,” will tell you! We’ll work together to create projects that highlight the intersection between art and science. From Rorschach tests to discovering the way colors blend and light bends, this session gets students not just thinking - but creating!



Kidstronauts

Astronomy

Asheville, we have lift off! Send your students off to space camp with an AMOS astronomer, as we discuss and discover the mysteries of space. We’ll explore light, gravity, and speed. Or maybe we’ll dodge asteroids and make predictions about what aliens might really look like. Maybe we’ll even consider what message we would send up to space if we had the chance, what language would we write in, what pictures would we want to send? Space is the great unknown, but students will leave this club knowing just a little bit more about it.

Spy School

Forensics, Acoustics, Geology, etc.

For the 007 in training, Spy School is the key to their future. How does a simple rock turn into one of the world's most deadly poisons? How can we deduce exactly who entered a room just from the prints on a door handle? How can we listen through walls to get top secret intel? AMOS is training the next generation of spies, and we'll need science all along the way.

Mad Science

Chemistry

For the students who just want to see things fizzle, pop, and blow up—this one is for you. For the first few weeks we'll work together to discover the wonders of chemistry, from Elephant Toothpaste to Bottle Rockets. But by the end of the program, students will be conducting their own experiments. Maybe they'll choose to hone in on the most incredible slime recipe, or they'll see what things in their kitchen can make the loudest bang!

The Science of You

Biology, Anatomy, Physiology

Have you ever wondered what it would look like to shrink yourself down to smaller than a pinpoint so you can see platelets flow through the bloodstream or see the way your brain behaves while dreaming? While we have no Magic School Bus, AMOS has a team of Ms. Frizzles ready to take your students on a journey through the human body to discover the science of... ourselves! Explore the human digestive system through experiments on our lunch! Or find out just how rare that party trick of yours really is...

Time Travelers

Archeology, Cartography, etc.

Take a leap back in time to the Jurassic period to see just how big (or small) a dinosaur's footprint really was. Or go farther back to the Cambrian period to explore a time where no life existed on land. Or maybe you'll want to stay a little closer to home and decode hieroglyphics or learn how to follow a pirate's treasure map (perhaps you will even make your own). Students will share what eras in time they find most interesting, and we will go from there, as we travel through time together.

Create Your Own

This Afterschool Guide is meant to give teachers and administrators a clear view of the kind of programming we offer but this is in no way the extent of what we can do with our afterschool clubs. Please reach out if you have any ideas that are not mentioned in this guide. We love to work on new programs!

Policies

- **Facilitated Inquiry -** AMOS Afterschool clubs are child-led and play based. Student in the club learn through play, discussion, observation, and creation. Our clubs are not a science class; club leaders are there to facilitate wonder and discovery and to instill a joy for science in children. Our clubs are guided by the students' interests, meaning that the ideas that are highlighted in this guide serve as inspiration, not a rulebook that we will be following.
- **Location -** Clubs are held on site at participating schools.
- **Number of Students -** AMOS Afterschool clubs have a maximum of **20 students** per group. For more than 8 students a **support staff** from the host school is required.
- **Number of Sessions -** Club meetings typically happen on the same day of the week, each week, for 8 weeks. These meetings can be broken up to account for school breaks or teacher in-service days. More or fewer sessions can be scheduled if discussed in advance.
- **Cost Breakdown -** Each meeting of an AMOS afterschool club is $200. Title I schools and schools with financial need may request a discount.
- **Travel Fee -** For out of county schools, an additional 84 cents per mile is added onto your cost. Mileage is calculated by the distance between the host school and 43 Patton Ave. Asheville, NC 28801.