

2009 Workshop Descriptions
Bring a Child to Work Day
Age 13 and Up

Schedule of Events

Teens will be escorted from the auditorium directly to their first workshop. Workshop sessions will be held in SSMC 1, 2, and 4. Teens will be assigned to a group of workshops and rotated between them. They will be accompanied by volunteers at all times. **IF WEATHER IS FAIR, PLEASE PICK UP YOUR TEEN AT NOON BY THE WAVE POOL (SSMC 4) to avoid congestion in the auditorium; IF RAINING, PICK UP YOUR TEEN AT NOON IN THE AUDITORIUM.** NOTE: Snacks will not be provided this year. Participants should bring their own snacks if desired.

Teens are NOT to return on their own to their parents' office – they must be picked up (see above) for their own security!

Note: The Group letter assigned to each teen and volunteer corresponds to the first workshop the teen attends: i.e., a teen with B on his badge attends Workshop B first, then rotates to Workshop C and then to Workshop A. See below under each Group for workshop times.

Group: Space and Air

First Workshop/Break: 9:00-10:30
Second Workshop: 10:35-11:50

Exploring the Earth from Space, through Magic and Imagery!

With this workshop, you get two great activities for the price of one! Using global climate and weather datasets to simulate actual conditions on Earth, tour the Magic Planet using an interactive touch screen. You'll see what your planet looks like from space during severe storms and other atypical conditions, and get the scoop on what you're seeing from a satellite expert! Magic Planet is a mini-version of NOAA's unique Science on a Sphere, which put a whole new perspective on real-data visualization. In your next activity, you will be immortalized in NOAA's data archive when you choose an image of the Earth from any of NOAA's satellites, and post it on NOAA's Web site at www.nnvl.noaa.gov. There it will become a part of the permanent archive of satellite images, complete with your name in the description field! You can even access and print the high resolution images from home or school to show off to your family, friends, and teachers. (1 hr./15 minutes)

Weather Jeopardy: Let Your Knowledge Shine!

The daily weather is something we all depend on, because it can affect how we plan our days and live our lives. It can even affect our health. How much do you know about it? Test your knowledge against your peers' as you battle to the finish in a competition somewhere between Jeopardy and It's Academic! (Time: 1 hr./15 min.)

Group: Oceans

First Workshop/Break: 9:00-10:30

Second Workshop: 10:35-11:50

Fish Smarts: From the ocean to your plate

Do you know what a fishery is? Do you know how NOAA is involved in making sure fish populations are healthy? Do you know how to select fish for dinner? Do you know what questions to ask when purchasing fish? After this workshop you will know more than you ever wanted to about how fish get from the ocean to your plate. (Time: One hour 20 min.)

Coral Reef Adventure! Come Explore our Rainforests of the Sea

Did you know coral reefs are home to more than one million species? That's more than any other environment in the ocean! Join us for a (virtual) trip under the waves to explore these bustling underwater villages of fish, plants and animals with clips from the IMAX movie, Coral Reef Adventure. You'll learn what reefs are, experience some of the many creatures that live on reefs, and discover where you can find them in the U.S. and around the world. You'll also play an interactive game and hear about the many career paths that might lead you to explore and protect coral reefs. (Time: One hour 20 min.)

Group: Weather

First Workshop/Break: 9:00-10:30

Second Workshop: 10:35-11:50

Be a TV Weathercaster (NWS)

Ever dream of telling millions of TV viewers what the weather will be like in their neighborhood? Test drive a career as a TV weathercaster by doing a weathercast on video! You'll learn from a meteorologist how a weather forecast and weathercast are assembled, and then you'll do your own weathercast on camera! Take your personal VHS tape home to wow your family and friends. (Time: 1 hour 20 minutes)

NOAA and X-treme Weather! (NWS)

What happens behind the scenes before you get your local weather forecast? Get the scoop from a meteorologist from NOAA's National Weather Service. How do they know whether to smear on sunscreen or run for cover? You'll see what happens during a severe weather event, from interpreting radar imagery to issuing weather warnings. (Time: 1 hour 20 minutes)

Group: Heritage

Workshop/break: 9:00-11:50

Walking the NOAA Silver Spring Heritage Trail Did you know that NOAA celebrated 200 years of science and service just last year? NOAA traces its roots back to President Thomas Jefferson's establishment of the Survey of the Coast in 1807. This was the birth of federal science, and a lot has happened since then! Come see how the different parts of NOAA have evolved over the years and some of the artifacts and pictures that pepper our fascinating history. While doing a scavenger hunt leading to a treasure chest full of goodies, you'll see pieces of the past of the six NOAA line offices, and learn about some of the pioneers, scientific breakthroughs and important historic moments from NOAA history buffs. You'll also learn to tie a seafaring

knot or two along the way. Share in NOAA's future by exploring the past! (Time: 3 hours, with break)

Group: Careers (one workshop-no rotation) SSMC 4

Workshop/break: 9:00-11:50

Your Future at NOAA (UNSEC) – Room 9415

Ever dream of forecasting the weather? Exploring the deep seas? Protecting America's fragile coasts? Communicating about climate change? Here's a chance to dive into these topics and others, to get an up close look at the choices, challenges and unique pleasures of being a champion for our magical, often mysterious planet. (Time: 3 hours, with break)