national children's museum

STEAMwork makes the dream work

National Children's Museum's #STEAMwork is a daily dose of themed STEAM-based videos and activities for families. Everyday at 2:30 pm the Museum premiers a new virtual program, from design + build activities to science experiments, on our Facebook page @NationalChildrensMuseum. View past STEAMwork videos and related resources for families and educators at nationalchildrensmuseum.org/steamwork.

STEAMwork daily schedule

sunday: sensory play
monday: climate action challenge
tuesday: science exploration
wednesday: story time
thursday: design + build
friday: nature spotlight
saturday: community connection

be a hero

Planet Earth needs our help. Human activity is causing our planet to get warmer very quickly. This is called climate change. Earth's changing climate causes problems for plants and animals, the ocean and freshwater, and humans around the world. We all have a superpower within us.

Every Monday a new climate action superhero persona will be presented with a challenge for the week. Don't know your persona yet? Visit climate-heroes.org to discover your inner climate action hero!

arbor avenger

water warrior

pollinator patrol

MIGHTY meteorologist

community captain

inspiring children to care about and change the world

STEAMwork activites support the following learning standards

next generation science standards

3-5-ETS-1 Engineering Design
Define a simple design problem reflecting a need or want that includes specified criteria for success and constraints on materials, time, or cost.

ES S2D: Weather and Climate
Weather is the combination of sunlight, wind, snow or rain, and temperature in a particular region at a particular time. People measure these conditions to describe and record the weather and to notice patterns over time.

PS.1.B Chemical Reactions
When two or more different substances are mixed, a new substance with different properties may be formed.

common core state standards

CCSS.MATH.CONTENT.1.MD.C.4
Organize, represent, and interpret data with up to three categories.

CCSS.ELA-LITERACY.SL.3.4, 4.4
Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.

CCSS.ELA-LITERACY.CCRA.R.3
Analyze how and why individuals, events, or ideas develop and interact over the course of a text.

CCSS.ELA-LITERACY.CCRA.W.4
Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

CCSS.ELA-LITERACY.SL.5.5
Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes.