

Family Build Day!

Join us for a special Family Build Day at The Branch Museum of Architecture and Design, co-presented by WCVE Science Matters. Learn about careers in architecture, engineering, construction, design and experience a variety of fun hands-on building stations!

Meet an Engineer: Bridges

Work with an engineer to learn about bridge-building techniques! Using common craft materials, build a bridge between two podiums that can support the weight of toy cars. You'll learn about what makes a bridge stand up, the differences between styles of bridges, and where they are located.

Meet an Architect: Thinking in 3D

Learn from an architect on how to transform an idea into a drawing, and finally into a model. Your architect will show you about scale, and how it can help you go from idea to reality! You'll practice different visual abbreviations, and look at different kinds of models. You'll discuss and make different kinds of model structures – functional, ugly, and decorative!

Meet a Landscape Architect: Designing Outdoors

Starting with the original drawings of The Branch House's back gardens, you'll learn about the different ways to design and build outside. You will then create your own design for the back gardens, and lay them out at ¼ scale using a variety of props and tools.

Meet a Builder: Working at the Human Scale

Working with a builder, you will learn about different types of joinery and styles of construction. Working at full scale, you will work together to build a giant structure out of cardboard. In fact, you will build a full-size structure in our galleries!

You can register on our website at www.branchmuseum.org; Family Build Day is \$10 per child; parents come free. Advance registration is required.

Questions? Don't hesitate to call us at 804-644-3041 ext. 151, or email us at frontdesk@branchmuseum.org

Don't miss the new PBS Series!

"Impossible Builds" Wednesdays, February 7, 14 and 21 at 10:00 PM.

The skyscraper dominates skylines around the world. But now, a new generation of buildings is taking over. Challenging the rules of engineering, these designs rise in the face of intense heat, ocean currents and rocky foundations; they are Impossible Builds.