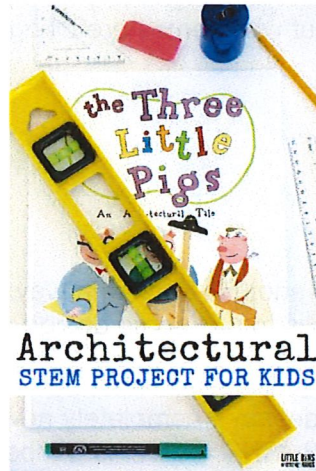


# ARCHITECTURAL STEM PROJECT FOR KIDS WITH THE THREE LITTLE PIGS

February 17, 2017 by littlebins

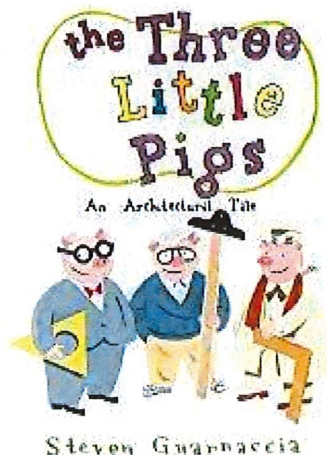
What happens when you take a classic fairy tale like the The Three Little Pigs and you join it with architectural inspiration from Frank Lloyd Wright? You get an awesome STEM picture book called *The Three Little Pigs : An Architectural Tale* written by Steve Guarnaccia.



Architecture, the design process, literature and more make this an awesome STEM activity for kids to explore. Getting started with STEM early is one of the best ways we can raise thinkers, doers, and inventors. There are several ways you can enjoy this awesome book, *The Three Little Pigs: An Architectural Tale!* All provide a creative and hands-on approach using STEM or STEAM principles too.

## READ

Read the book together and chat about the different pig's experiences with the houses they built. What worked? What didn't work about each one and the materials they chose? Ask your kids to think about other types of houses and designs they have seen around the community.



## WATCH

When used correctly, YouTube is a great resource for kids and families. It's a good idea to preview all videos first for appropriate content, language, and ads. There are some interesting videos about unusual homes, homes around the world, and specifically, homes designed by Frank Lloyd Wright, to give some examples. Check them out and talk with your child about why homes are designed differently and what materials are used.

## DESIGN/DRAW

In addition to watching the YouTube videos, another awesome way to create an architectural STEM project that is perfect for one child or a whole group is to use some design and planning sheets to create a home.

There are two options. The first option is to design a completely new house from the imagination! Can your child give the house a name and describe it? What materials will be used to make the house? Remember what the three little pigs used for their house?

The second option has your child taking a closer look at your own house! Young children may not have considered what their house is made of. Your child can even give your house a name, but be sure you have the opportunity to investigate your house together and find out about the building materials used to make it.

Both options allow you and your child the chance to design and draw to your heart's content adding the ART to our STEM for STEAM!

## BUILD

Now you have seen some houses around the world and how they are made as well. You have also investigated your own house or designed your very own architectural masterpiece. What's left?

How about building it! Make your design come to life. Repurpose materials around the house from the recycling bin to the junk drawer. Take a look at a list for STEM design projects to give you some useful ideas. It's amazing what you can come up with using a few simple materials.

**Once your house is created, make sure to show others what you have made!**