



At Home Engineering Rooftop Pool Paradise

Build a structure which can hold a pool (small amount of water) at the very top. Think about both the strength of your structure and the aesthetic. Be sure to work through each step of the ENGINEERING DESIGN PROCESS. You can find these below. Good luck!

ASK

What information do you need in order to solve the problem? What questions do you need answered so that you can be successful?

IMAGINE

What ideas do you have for creating a rooftop pool? What is your best idea?

PLAN

Sketch out and label your plan on paper.

CREATE and TEST

Create and test your design. How tall was your structure? Did it successfully hold the water?

IMPROVE and TEST

Take a moment to pause. What is going right? What is going wrong? What can you do better?