

PRINGLES CHALLENGE

LEARN | DO | SHARE | AUTOLIVSTEM.COM

MATERIALS

1 Can Pringles

GOAL

Ancient Rome perfected the arch. Can you build an arch using nothing but Pringles?

FOOD FOR THOUGHT

We normally recommend this challenge for older Elementary aged children. The Pringles challenge is all about engineering.

Think about what is supporting the walls and top of the structure, and how that load is distributed at the base.

What force holds the structure together? Would this work in outer space? What happens if the top has as many chips as the bottom?

SHARE

Share on Facebook!



Make an arch using ONLY Pringles chips

STEM CREATES THE WORLD WE LIVE IN

Look around your room. Almost everything in it was designed and built by people in STEM careers. STEM activities are an important part of preparing your child for creative problem solving and a valuable career. STEM skills build confidence and awareness of a wider world.

***Join us on AutolivStem.com** and find free STEM activities which build confidence and interest in how things work, along with problem solving skills which will empower youth into the future.*