

ANCIENT ENGINEERING

SCIENCE HAS NEVER BEEN THIS COOL

INVENTIONS:

Where would we be without engineers? For our first lesson, students will get an introduction to becoming engineers by building their own inventions.

CREEPY CASTLES:

Have fun storming the castle! In this lesson, students will learn how to build sturdy castles that can withstand the weight of us standing on them.

PUZZLING PYRAMIDS:

How did the Ancient Egyptians build those giant pyramids? Students will learn how to build their own pyramids and then fill them with a special treasure!

TALL TOWER:

How tall is too tall? Students will learn how to build the tallest towers they can while keeping them balanced so they don't topple over.

WATER WELL:

If you dig deep enough into the ground, you'll hit water! Students will build their own wells and then put them up to a bucket challenge to see how they actually work.

AQUEDUCT:

How did ancient Romans supply the city with a steady source of water? They invented an aqueduct! In this lesson we build our own aqueducts and then test if things are able to flow through them.

DAM:

In ancient times, dams were built out of stone, but in this lesson we'll use legos! The challenge? It'll have to pass the barrier test.

CATAPULT:

How do you hurl heavy objects through the air if you're not superhero? With catapults! In this lesson, student will build their own working catapults with legos.

TREEHOUSE:

Treehouses can be more than just cool hideouts. They also provide shelter! Students build their own lego treehouses in this lesson.

FINAL CHALLENGE:

Are you ready for the true test of an Ancient Engineer? In this lesson, we put everything we've learned together into one Final Challenge. What do you get if you pass? An official Professor Egghead degree!