

STRAWNG BONES



SUPERNOVA
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**DISCOVER BONE FUNCTION AND STRUCTURE
IN THIS FUN CHALLENGE!**

MATERIALS

2

Straws
Play-dough

30 MINS

Step 1

The play-dough replicates your skin and muscle, while the straws replicate your bones. You are going to make the tallest structure possible with just these two materials!

PROCEDURE

Step 2

Put some play-dough on the table - this will act as your base for building your structure. Feel free to cut the straws into different lengths, just as our body has different sized bones!

*Get an adult to help with this!

Step 3

After you've built your structure, try making one just as tall with just playdough. Were you able to achieve the same height? Probably not! Similar to the straws, the bones in our body allow us to grow big and tall!

**THE HUMAN BODY HAS 206 BONES OF DIFFERENT
SHAPES AND SIZES!**

PURPOSE & SCIENCE OUTCOMES

- The bones you've created are similar to bones in real life!
 - Bones are hard on the outside, and almost hollow on the inside (bone marrow).
 - They provide a rigid structure for our muscles to move against for things like running and jumping.
 - They offer protection to our internal organs.

ANY QUESTIONS? REACH OUT @SUPERNOVAATDAL