

# The Strong Man Contest

Name  
Name  
Name  
Name  
Name

What do you think is strong?

What do you think could hold up the most weight?

Now think about building. What in building can hold a lot of weight?

Your form of carbon is extremely strong. It's so strong it's over two times as strong as steel!! Now that's strong.

To begin, your task is to make a brick balance over 10 inches high!! BUT, the brick on its side only stands 7 inches high!! How can you do it? OH BUT WAIT THERE'S MORE, you can only make it stand this high with paper!!!

HOW CAN YOU DO IT?

BRAIN STORM TIME!!!

Just on a papers side? On paper balls? On a complex architectural model? Its time to find out how properties are related to structure.

HAVE FUN AND IF YOU ARE HAVING PROBLEMS, ASK FOR HINTS!!!

How did you do it? Your form of carbon looks much like your solution. What is strong enough for paper to balance a brick?



What form of carbon is this strong?



Now you have to tell the class about your experiment in a poster.

1. What would a person have to know to understand your experiment?
2. What form of carbon do you think you have?
3. What else do you think is important?
4. How should your organize you poster?

Hint #1

Think of Government Buildings...

Hint #2

Places that use Greek and Roman buildings use lots of these structures...

Hint #3



Hint #4

