

Name of Today's Challenge: Pipecleaner Building Challenge

CHALLENGE

Explain today's challenge:

Today's challenge asks us to build the tallest tower we can with pipecleaners. It must be freestanding and taller than it is wide. We can bend, fold, and cut the pipecleaners.

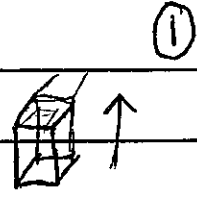
RESEARCH

Record information needed to understand and complete today's challenge?

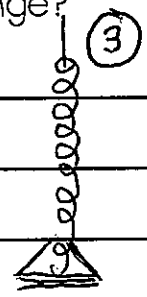
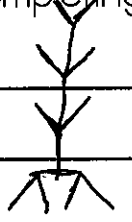
Pipecleaners are made of wire so they are bendable. Also, pipecleaners can be flimsy, so that can't support a lot of weight. We only have 15 pipecleaners to use.

IMAGINE

What ideas do you have for completing this challenge?



boxes all the way up

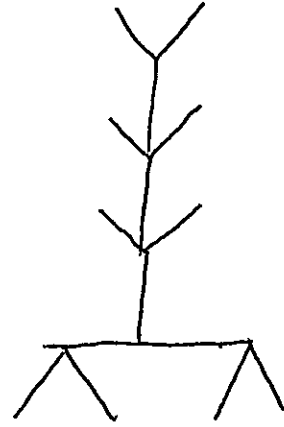


DESIGN & CREATE

Explain what you did to design and create your piece for this challenge.

We chose to go with Design #2 because it was the tallest and seemed the most stable. We made sure to have a strong base and then attached pipe cleaners like trees.

Diagram:



OUTCOME

What was the outcome of this challenge?

When we constructed our design, we realized that the base wasn't strong enough. The tower was not able to stand up by itself.

EVALUATE

What worked well during this challenge? What challenges did you face? In the future, how would you improve your design?

I would improve my design by making the base smaller and more sturdy. It might not be as tall, but it would stand up!