Today's Challenge

Christmas Paper Chain Challenge

Today, your engineering design challenge is to design and construct a paper chain using only construction paper,tape and scissors. Your team will be given limited supplies and a time limit. Your chain must be as long as possible, so make sure it's attached properly! If chains break, they can't be measured!

ASK: Who can make the longest paper chain from a single piece of paper?

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IMAGINE/EXPLORE: BEFORE cutting your paper and using up your tape, brainstorm with your partner/team what your strategy will be. You only get one piece of paper and one strip of tape… so don't mess up!

Procedure

1. Get into groups of 2.
2. You will need: **scissors (YOUR OWN)**, 30 cm of tape, 8.5x11 paper (provided by Mme Q)
3. **DESIGN:** You will have 3 minutes to plan your design.
4. **CREATE:** You will have 20 minutes to create your chain.
5. **TEST:** Measure and record the length of your paper chain. Winner gets à prize.

IMPROVE, TEST and EVALUATE, SHARE SOLUTION

AFTER TESTING:

Re-evaluate your plan. Was your chain long enough? Did you run out of tape? What could you have done differently?