Build It Planning Booklet
The Challenge:
1. Your group's challenge is to build a structure that
   - at least half a meter tall or wide.
   - anchored can stand up and is stable against the
     force of wind
   - can hold at least 20g.

Materials
Unlimited amount of Newspaper
Other scrap materials will differ between groups.
List of other materials:
- egg cartons, toothpicks, foam, cardboard roll, plastic bag.

List of tools
- paper, tape, tape, scissors, rope.
Build It Challenge

What do we need to know before we can start?

Results to our challenge
My Plan

What is your structure?
Hotel

Make a prediction, will it work?
Hotel on the roof.
What did you do?

We had a cardboard roll. We tied a string from the roll to a egg carton. We put a pyramid on the string and we stuck toothpicks to the egg carton.
Session 2 Notes:

What did you do?
We taped six eggcartons on each other. The stings where stuck to the base.

[Image of a hand-drawn structure with labels like "egg cartons", "cardboard", and "foam"]
Session 3 Notes:

What did you do?

\[\text{We gave it extra much paper tape.}\]
Final results:

Conclusion

It could carry 920, while the blow dryer was blowing full blow. Our structure nearly didn't move. It is half a meter high.