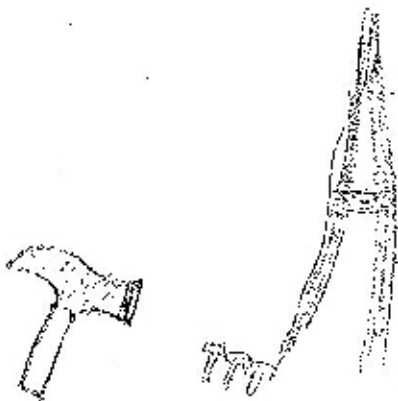

Build It Planning Booklet

Name: _____



The Challenge!

1. Your groups 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, 1 plastic bag

List of tools

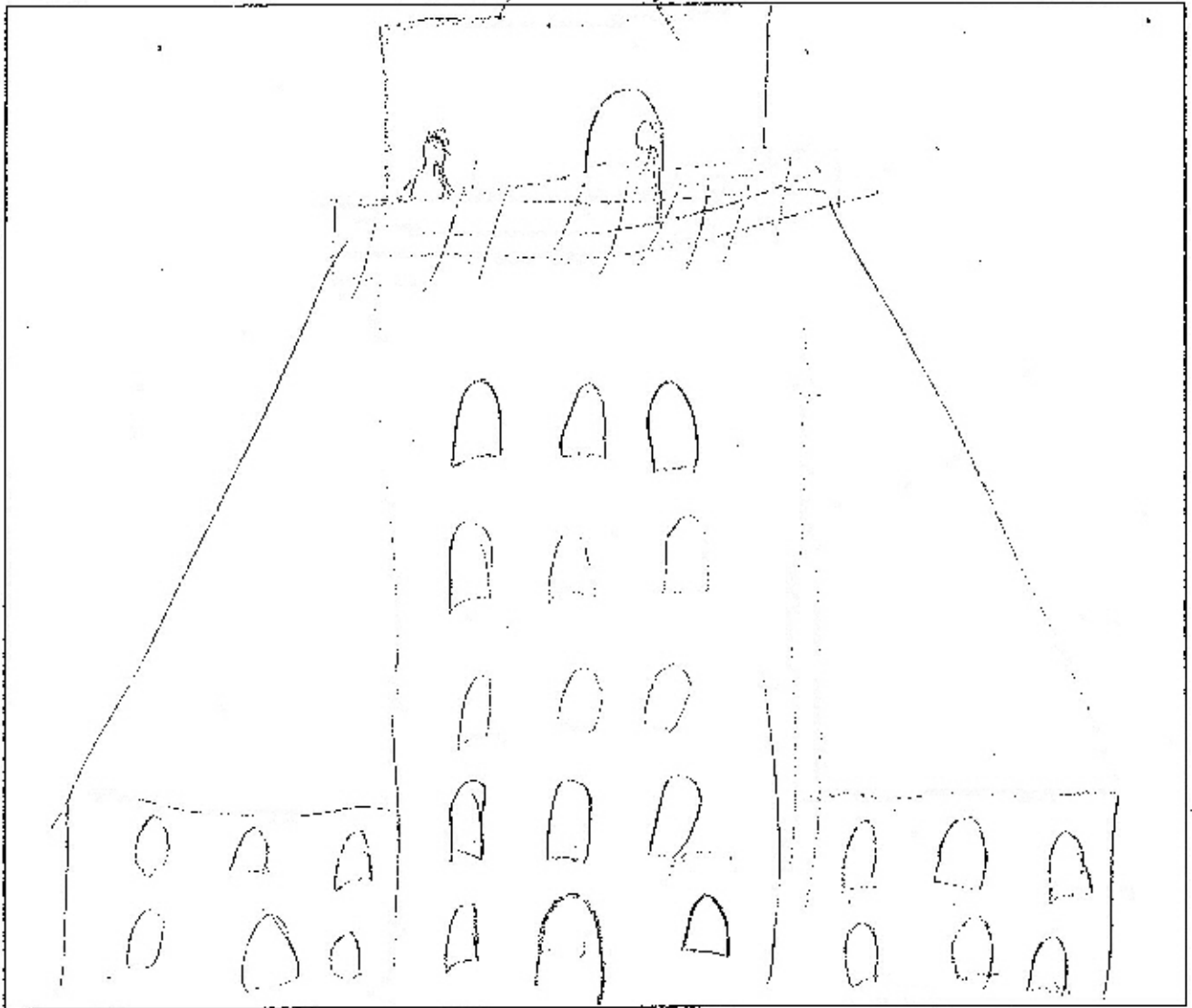
paper tape, tapes, scissors,
1m rope

Build It Challenge

What do we need to know before we can start?

Results to our challenge

My Plan



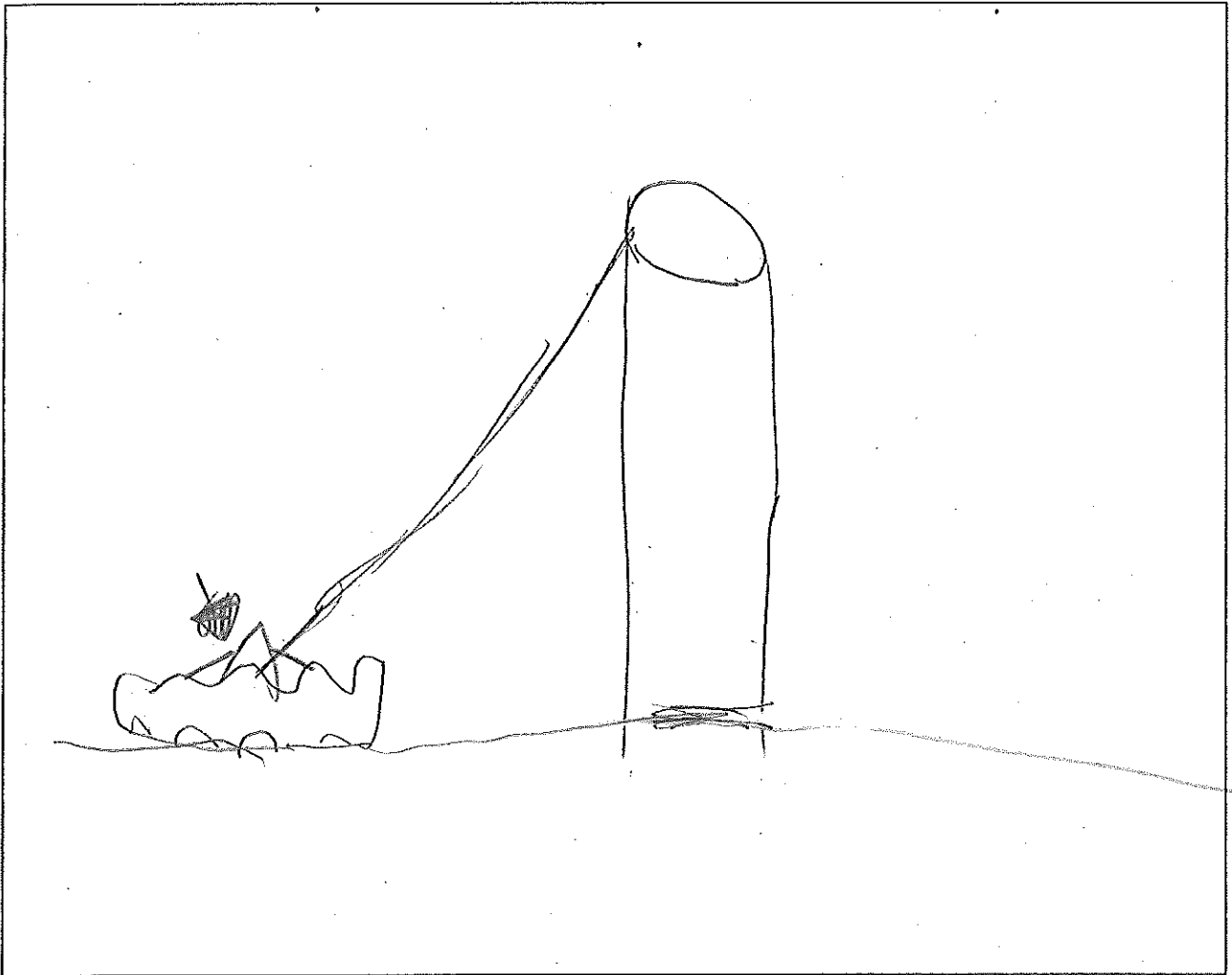
What is your structure?

Hotel

Make a prediction, will it work?

Maybe some might

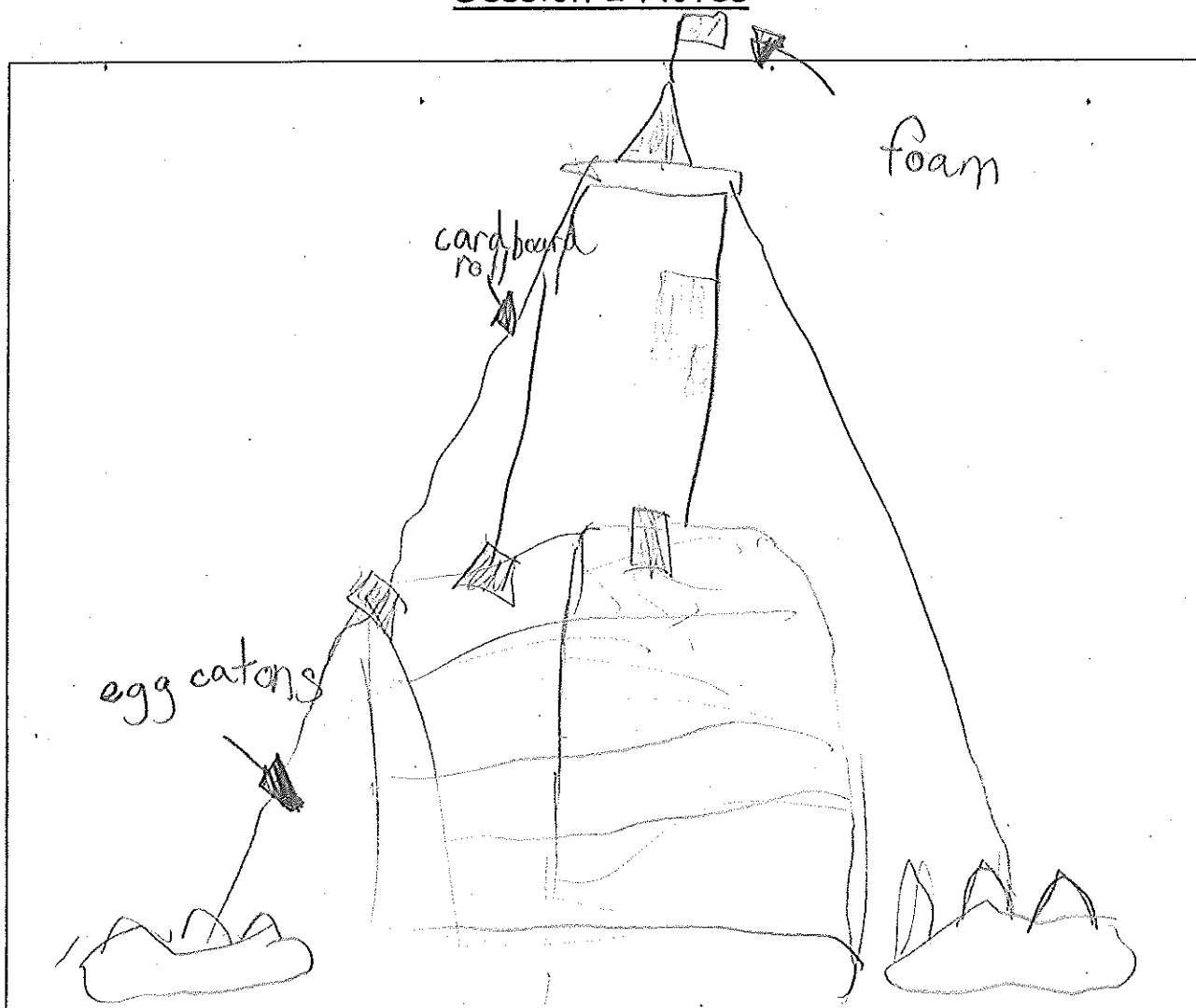
Session 1 Notes:



What did you do?

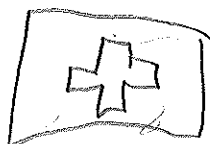
We had a cardboard roll. We tied a string from the roll to an egg carton. We put a pyramid on the string and we stuck toothpicks to the egg carton.

Session 2 Notes:

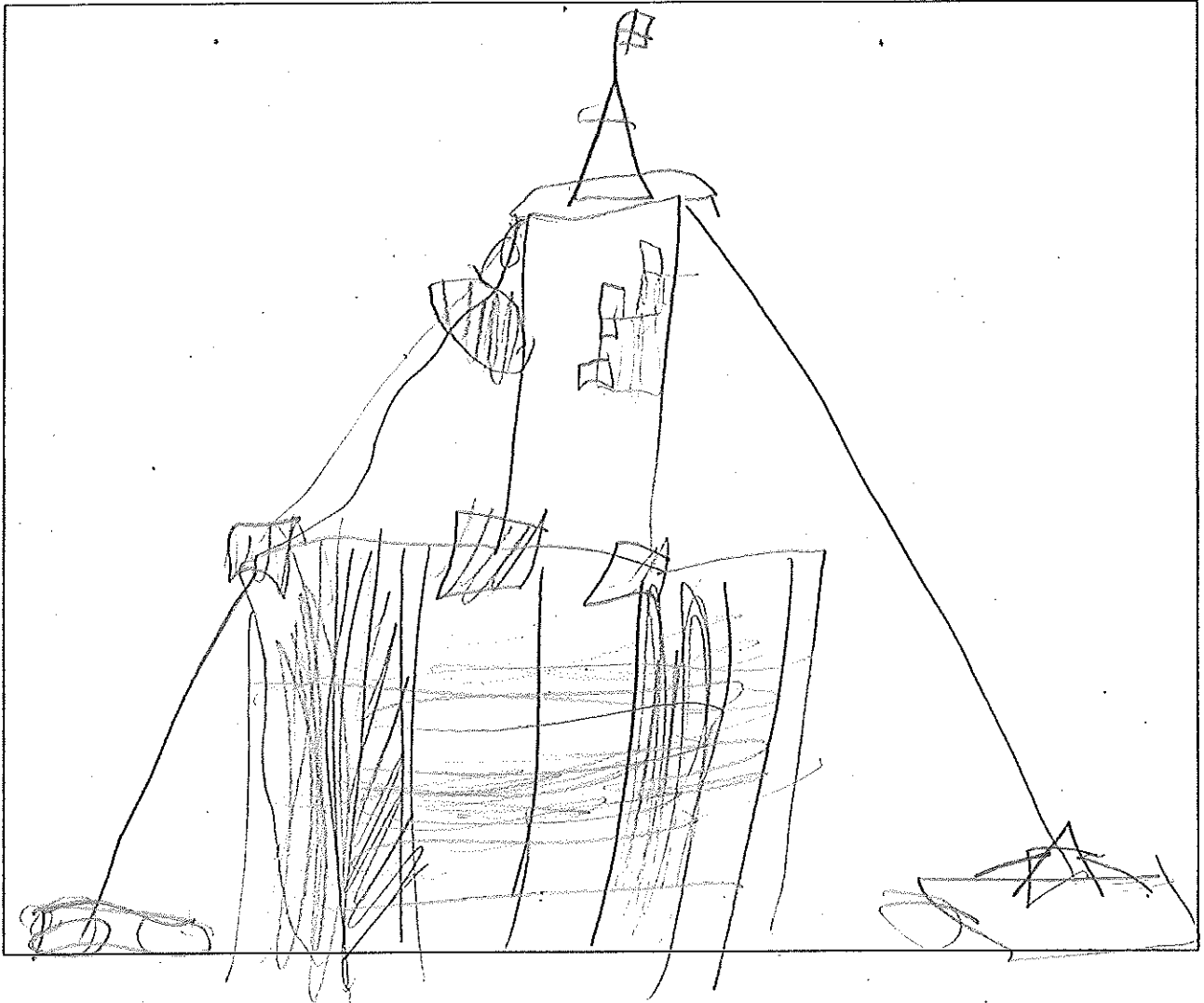


What did you do?

We taped six egg cartons on
each other. the strings were
stuck to the base.



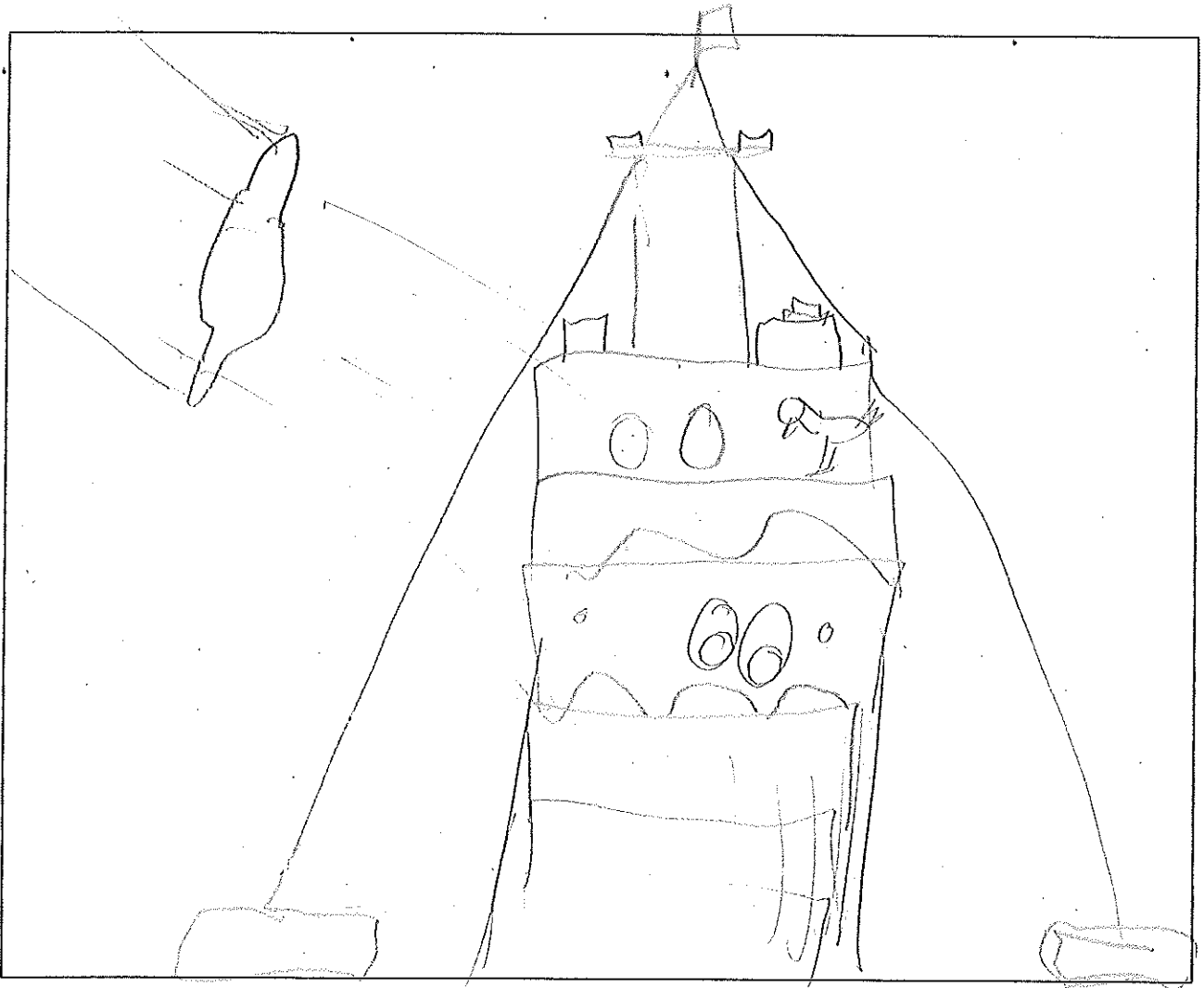
Session 3 Notes:



What did you do?

We gave it extra much
paper tape.

Final results:



Conclusion

It could carry 920g
while the blower was
blowing full blow. our
structure nearly didn't
move. it is ^{maybe} half a meter
high.