

Spaghetti Anyone?

Problems

To practice building models
To build the tallest freestanding spaghetti structure

Procedure

1. Discuss in your group possible designs for the spaghetti structure.
2. Draw a design of your structure in your science journal.
3. Discuss any changes that need to be made to the design.
4. Draw the final design at the bottom of this page.
5. Using the masking tape to connect the spaghetti, create a model from your design drawings.
6. Measure and record the height of your structure.
7. Share your model with the class and compare heights to other models.
8. The tallest freestanding structure wins!

Materials

uncooked thick spaghetti
100 cm (1 m) of masking tape
scissors (to cut spaghetti)
science journal
pencil
metric ruler or meter stick

Name of Model: _____ Height: _____ cm

Designers: _____

