

THINKING SPACE

EXPLORING ARCHITECTURE AND THE BUILT ENVIRONMENT

WORKSHOP 3

Big Build



This term we're going to be...

SPACE

SPACE

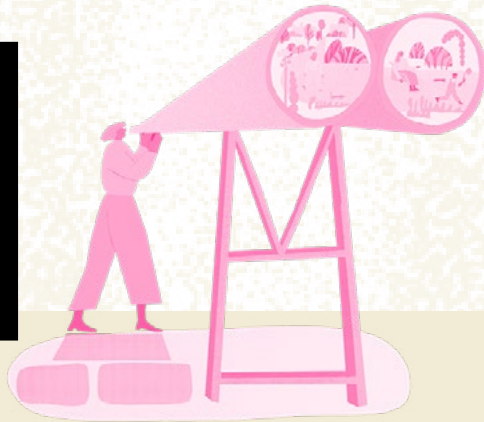


SHAPERS

SHAPERS

There are 3 lessons in this series...

1



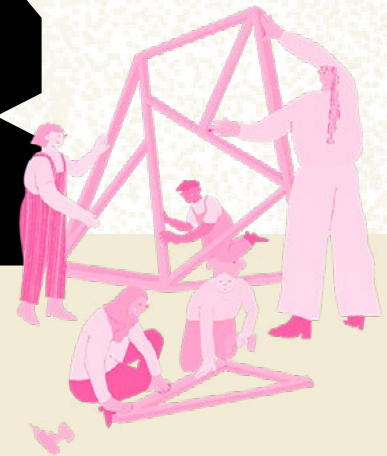
Exploring our school
and neighbourhood

2



Designing through
model making

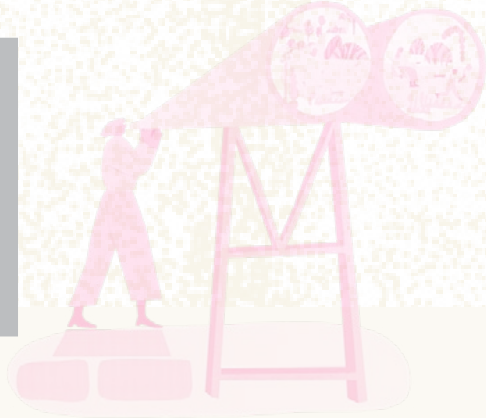
3



Big Build

What are we doing today?

1



Exploring our school
and neighbourhood

2



Designing through
model making

3



Big Build

Today we're going to...



create a Big Build that fills a space in your school!

AIMS

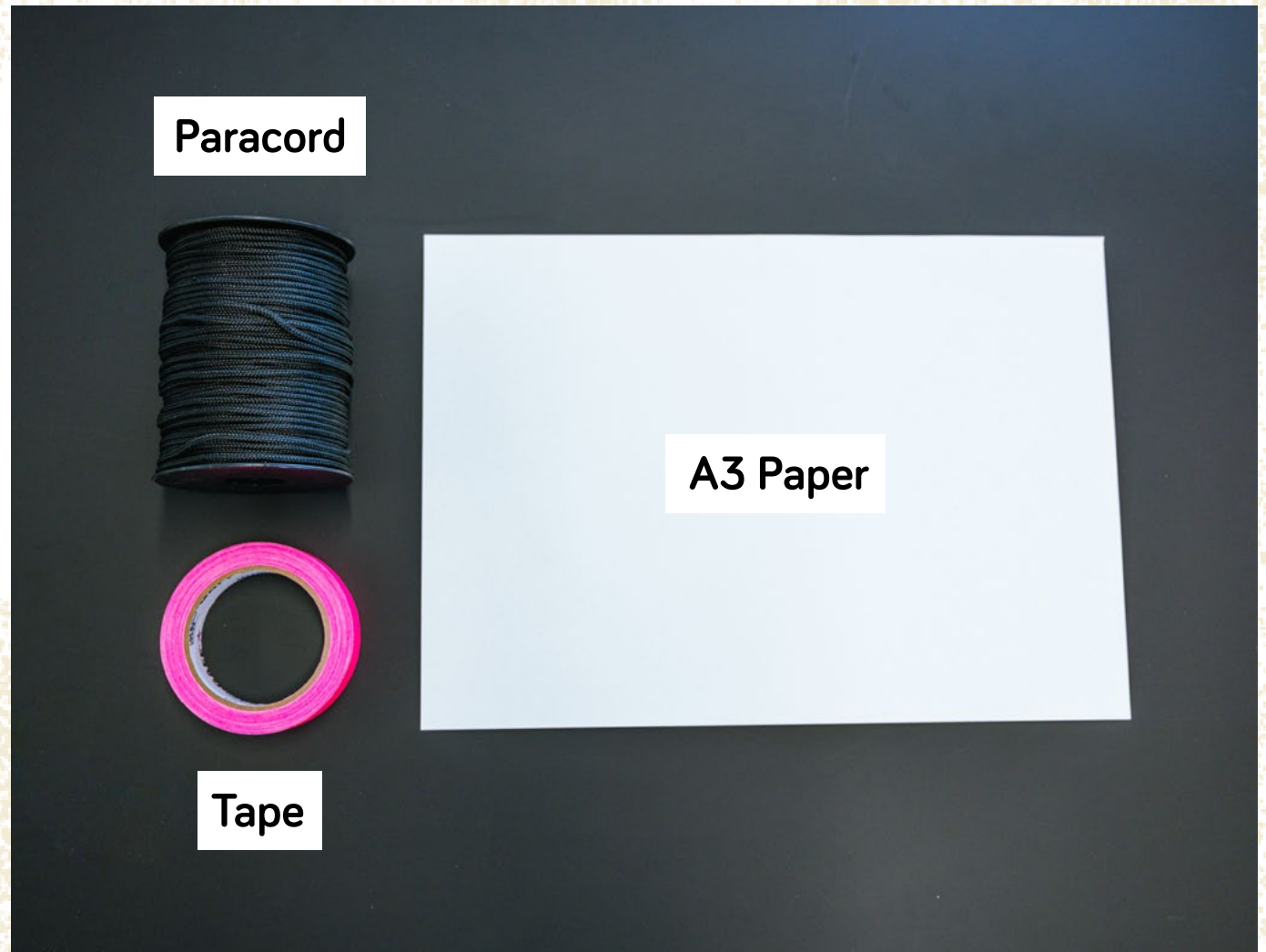


- Collectively design and build our 'Big Build'
- Build on our learnings from previous sessions
- Respond to the brief we set ourselves
- Work at human scale
- Develop an understanding of structure
- Create an imagined space

Let's get started!

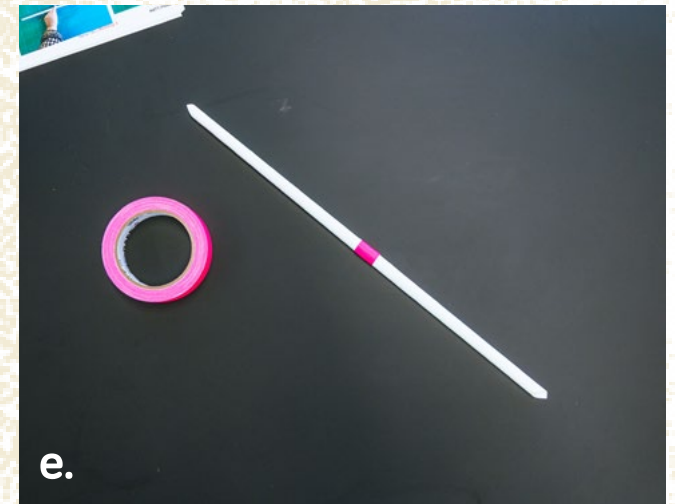
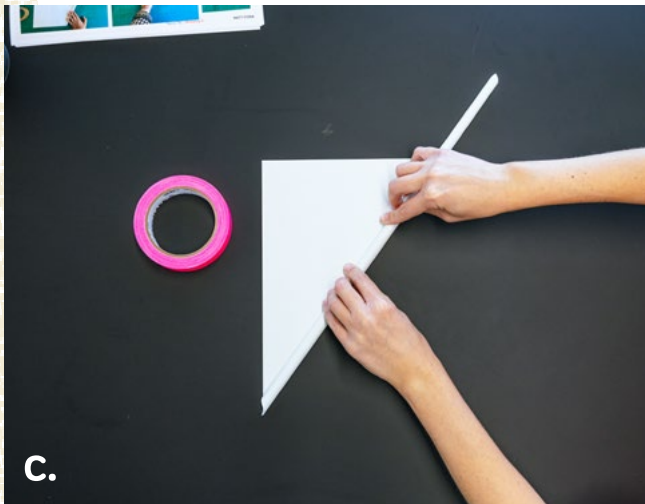
STEP 1

Let's gather our materials



STEP 2

Create a stick from paper



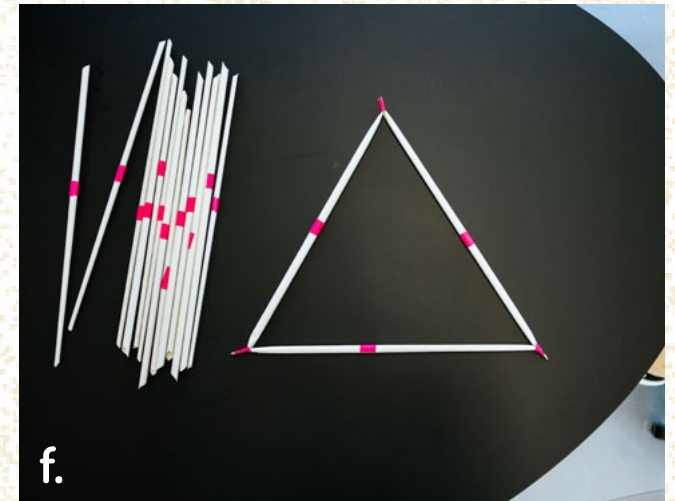
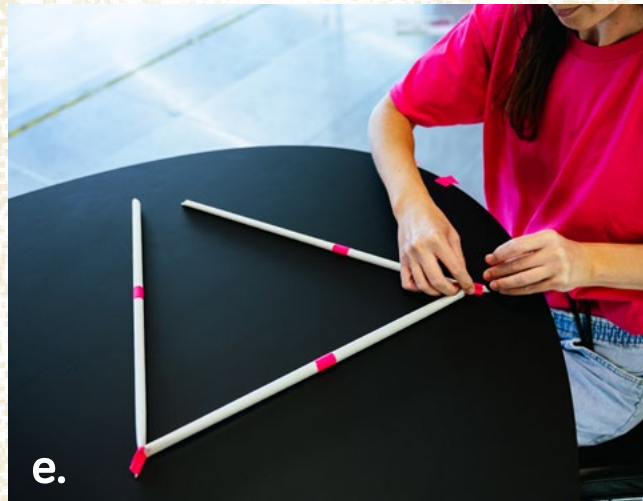
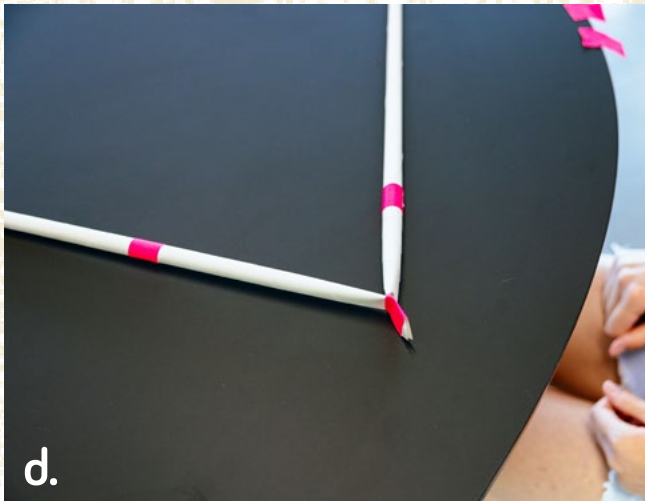
STEP 3

Repeat this process.
Make lots of sticks!



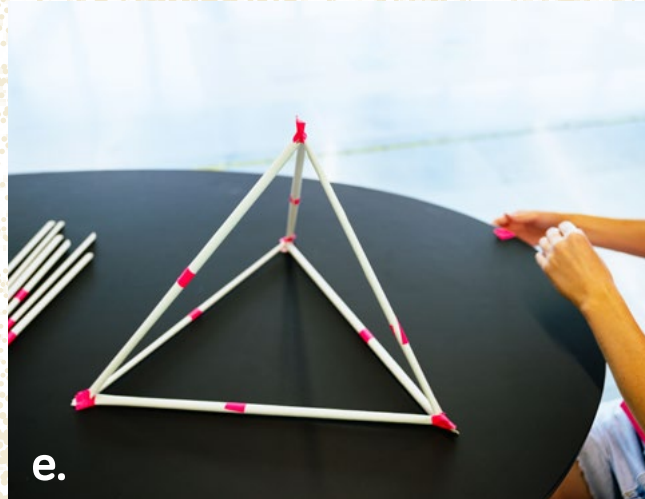
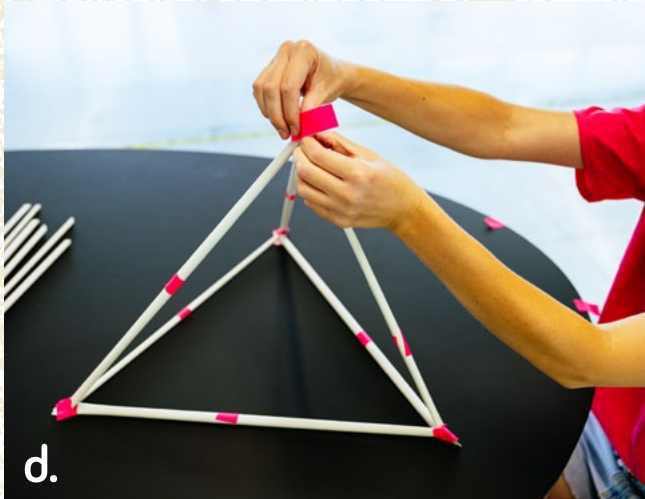
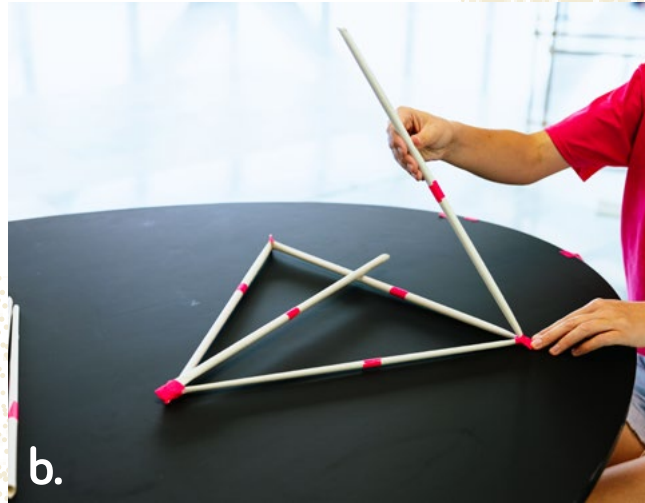
STEP 4

Fix sticks together to make 2D triangles



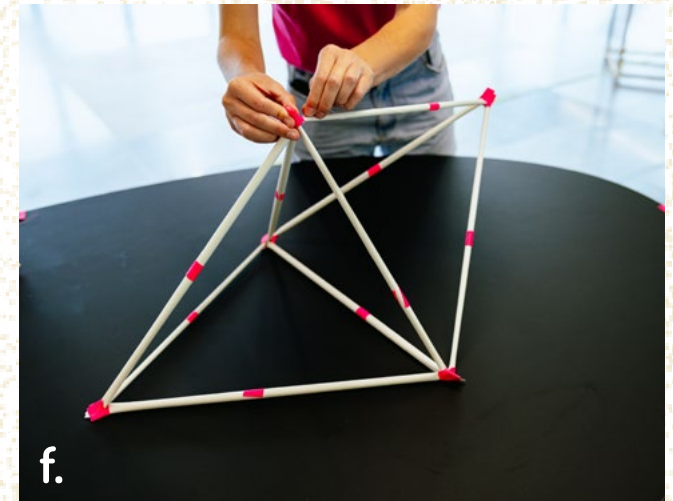
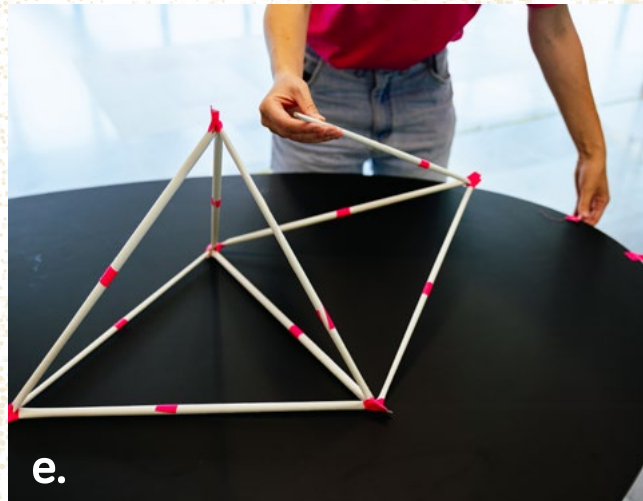
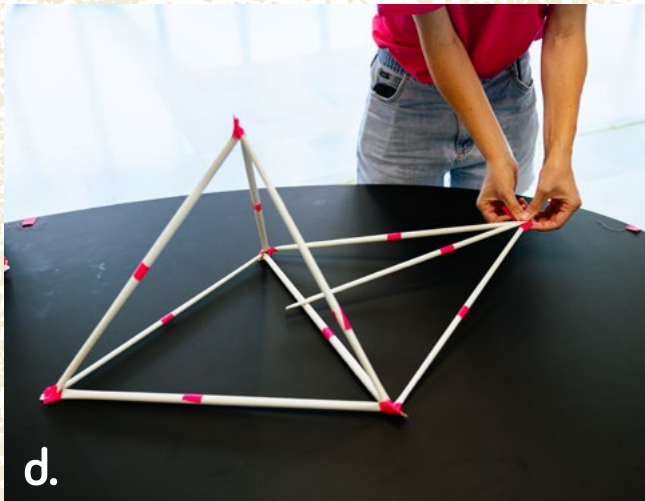
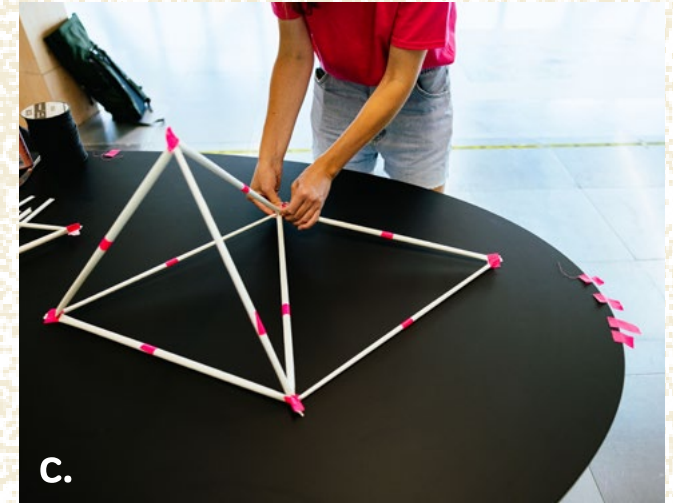
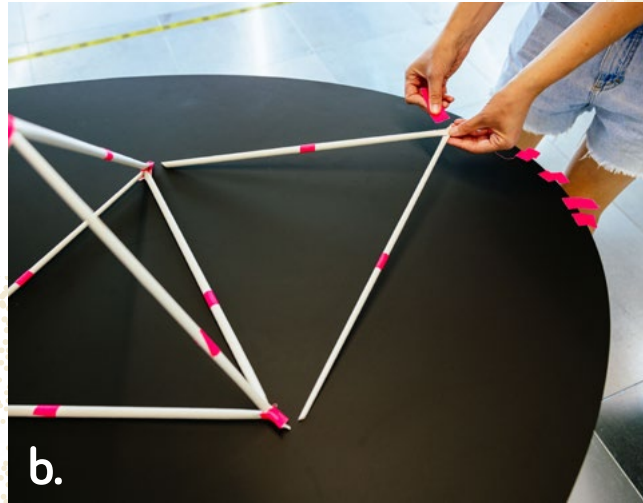
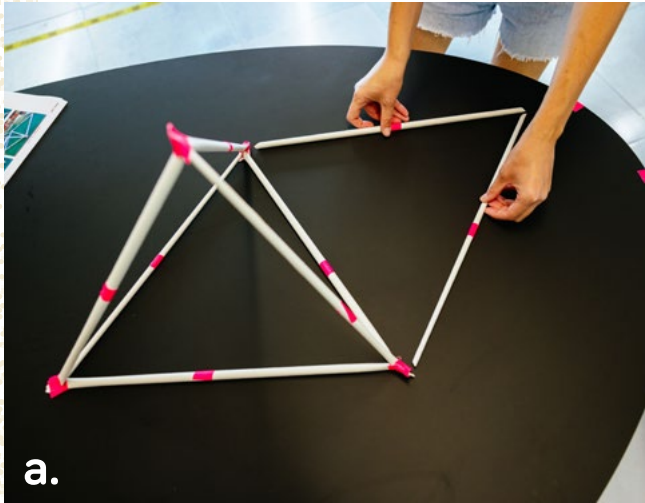
STEP 5

Fix 2D triangles together to make 3D pyramids



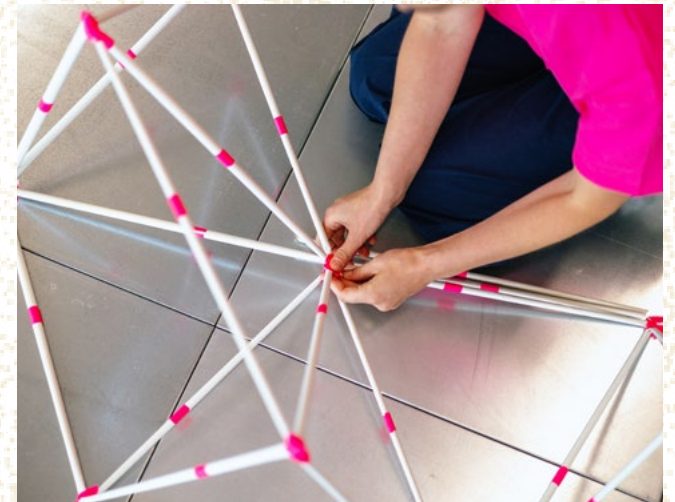
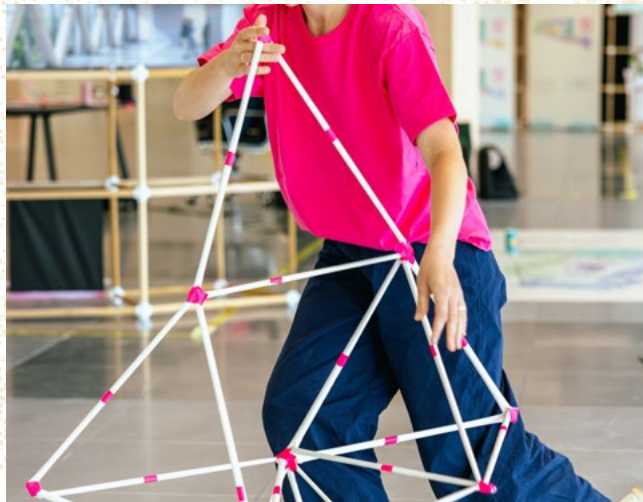
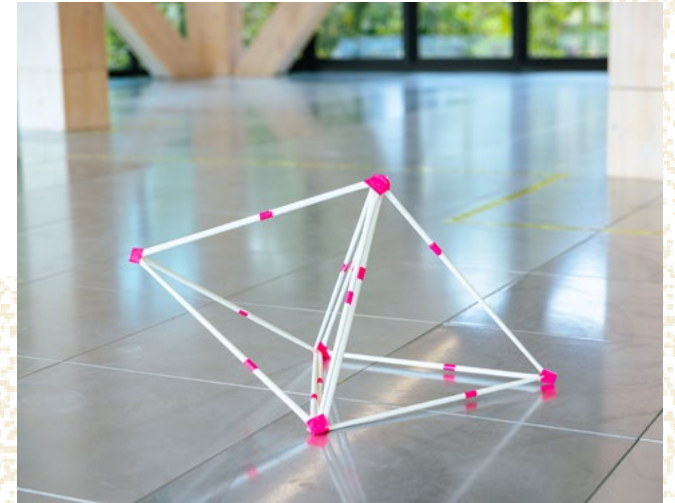
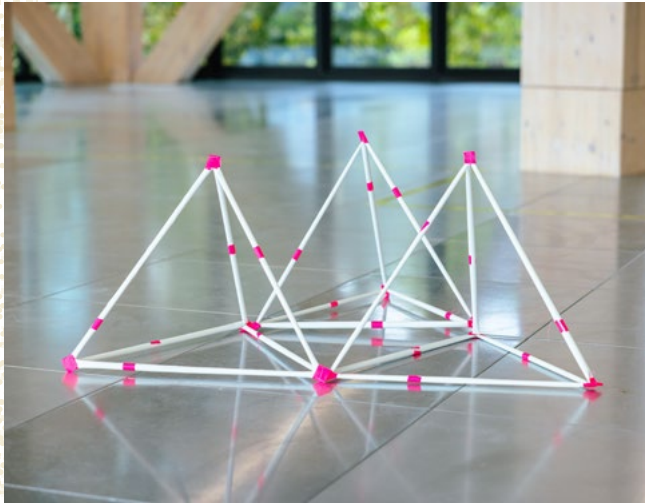
STEP 6

Connect more sticks to convert pyramids to diamonds



STEP 7

Continue to connect pyramids and diamonds to make freeform clusters of modules



STEP 8

Suspend modules to create your Big Build.

Use cable ties to connect the modules to the ropes. Use tape to connect modules and sticks to each other.



Process in action



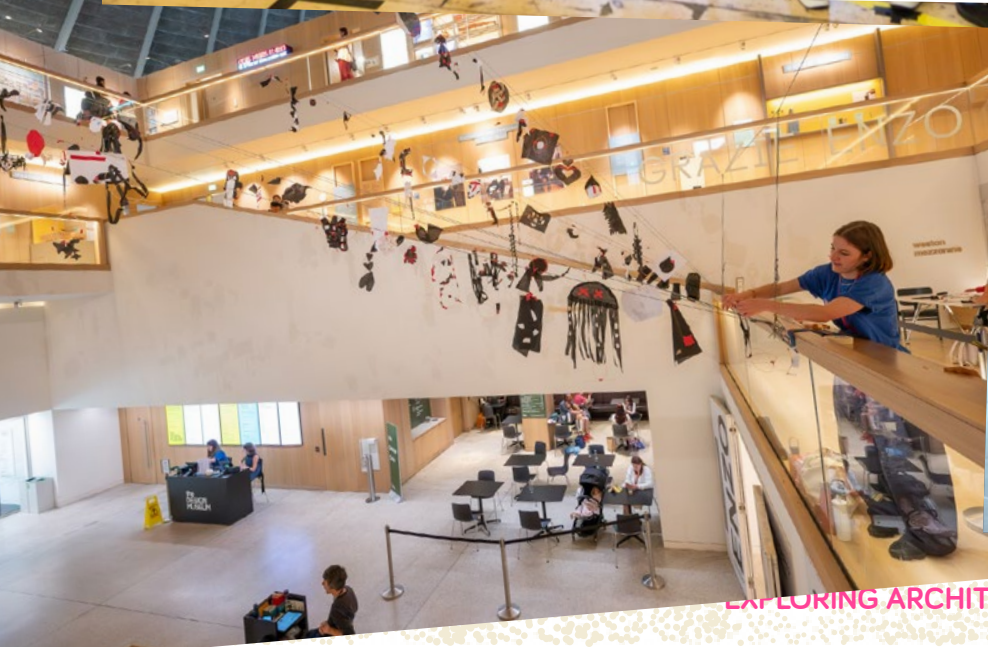
STEP 9

Enjoy inhabiting the space you've made!



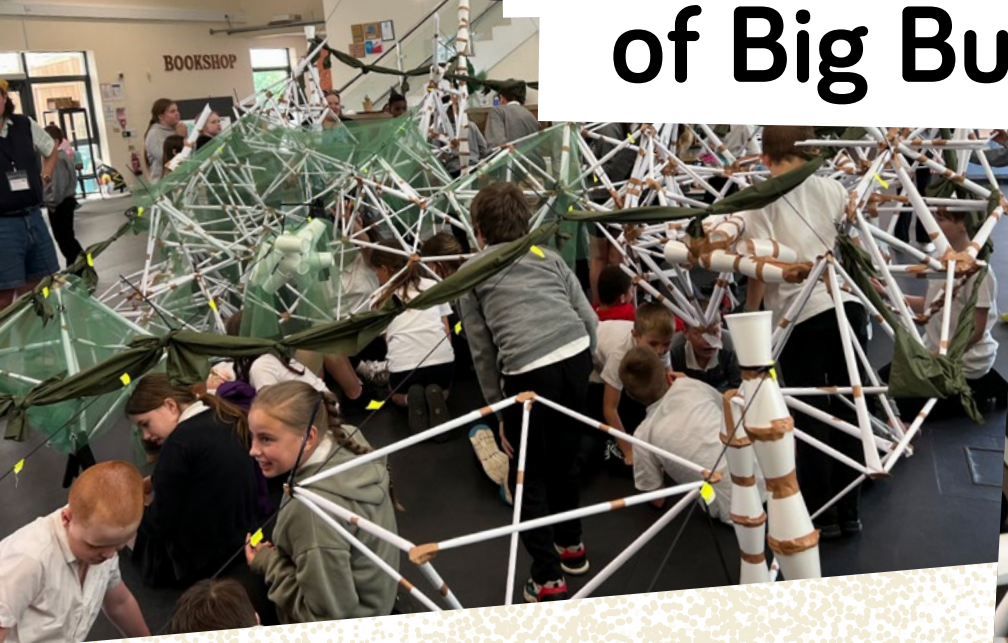


More inspiration for a Big Build with paper





Here are some images
of Big Builds in schools



We'd love to see your creations!

Please share what you've made with us at:

✉ info@mattandfiona.org

📷 [@matt_and_fiona](https://www.instagram.com/matt_and_fiona)

🌐 [@matt-fiona](https://www.linkedin.com/company/matt-fiona)

For more inspiration or a workshop happening near you, please check out www.mattandfiona.org



Thanks for taking part, we hope you enjoyed the workshop

Finally, a big thank you to the school students who helped us to develop these workshops:

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- St Andrew's C of E Primary School, Islington
- West Heslerton C of E Primary School, North Yorkshire

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