

## The Paper Tower Challenge:



### The Brief:

Your challenge is to make the tallest tower possible out of paper.

- Think about which types of paper would work best i.e. newspaper, old envelopes, photocopy paper, cardboard or a combination of these?
- Consider how you can make the paper stronger by folding, rolling or layering.
- Test and experiment to try things out and see how the paper behaves.
- Explore different ways of joining the sections together i.e. masking tape, sticky tape, paperclips, elastic bands or making slots that fit together.
- How will you measure and record the height of your tower?
- The important thing is to be inventive, explore the possibilities and have fun.
- Good luck and happy building!

### Videos about building paper towers:

Here are some ideas about construction to get you started.

Engineering Challenge: Paper Towers

<https://www.youtube.com/watch?v=xIU09yasvTI>

Paper Tower Challenge

<https://www.youtube.com/watch?v=Vkzt6IBVsYA>

[Steam @ Home Ep. 8 - Paper Tower Building Challenge](https://www.youtube.com/watch?v=vTjZwD8Q5Gw)

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### Sharing ideas and showing what you have made:

We would love you to share photos and videos of your towers and how you made them.

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<https://www.facebook.com/WhitleyBayBigLocal/>