

Activity Guide: MAKE A Tessellating Paper Wall Piece

by Naomi McIntosh



Activity Explanation

Make patterns by paper folding to make a sculptural wall piece with a meditative focus.



What you will do during the activity

Try simple origami techniques to make component parts that fit and join together to make your own unique patterns. In her work, Naomi uses a combination of digital and hand made processes. She generates ideas by making paper models that inform some of her structures, from jewellery to installations. By using the processes and concepts Naomi uses in her studio you will be guided through simple steps to transform paper into sculptural pieces that have endless possibilities.

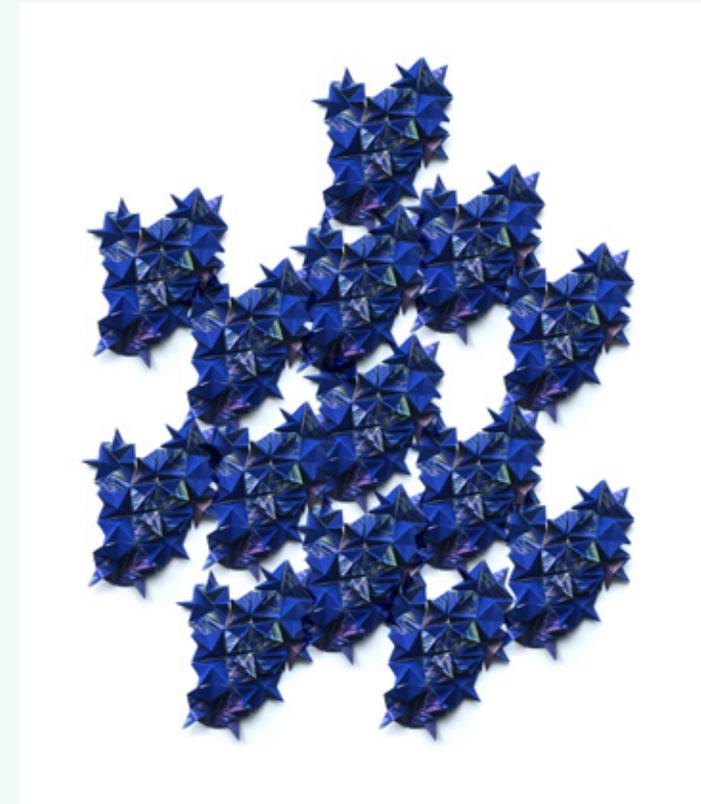


How long it will take

This activity is an introduction to a way of working and could take as little as two hours but has possibilities that could grow and develop into longer and more complicated projects.

What you'll need

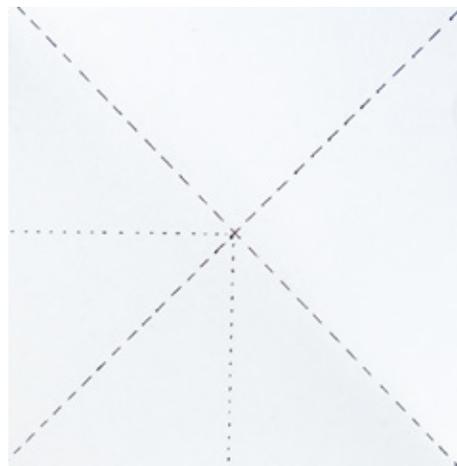
- Some paper – this can be whatever you have at home – newspaper, old drawings, wrapping paper and coloured card. It needs to be thick enough to hold its shape but easy to fold. Experiment until you find a paper thickness that you think is best.
- Scissors
- Tape



Method

1. Prepare your component parts:
 - Cut your chosen paper into squares 3cm x 3cm. You can also experiment by making larger squares.
 - Fold diagonally from top left corner to bottom right corner away from you and then unfold.
 - Fold diagonally from top right corner to bottom left corner away from you and then unfold.
 - Hold the paper so that one of the corners points away from you. Pinch and fold the right hand corner so that it folds into itself and makes a pyramid.

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2



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Follow the folding pattern to make sure that the folds are in the right direction.
 Dash – Fold away from you.
 Dots – Fold towards you.

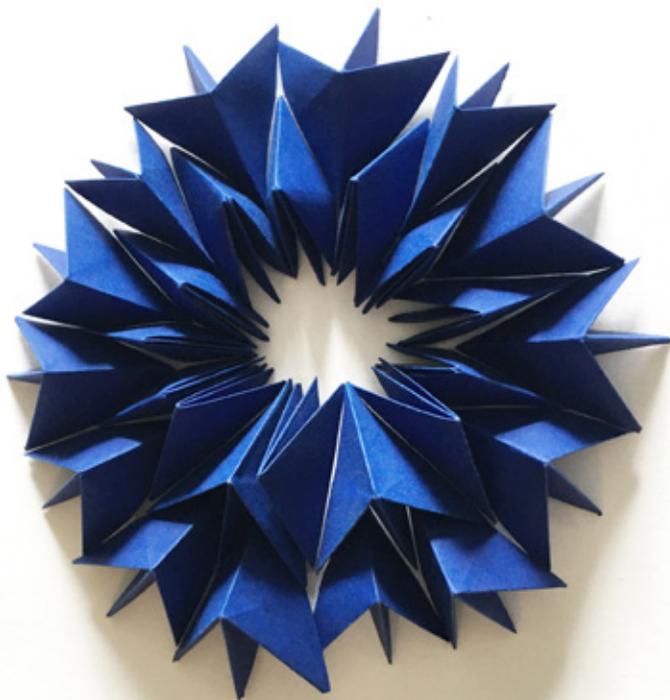
2. Repeat! Once you have got the hang of making the component parts your muscle memory will take over and you will quickly make these folded parts intuitively.
3. Attach your component parts by using tape on the back side of the parts.

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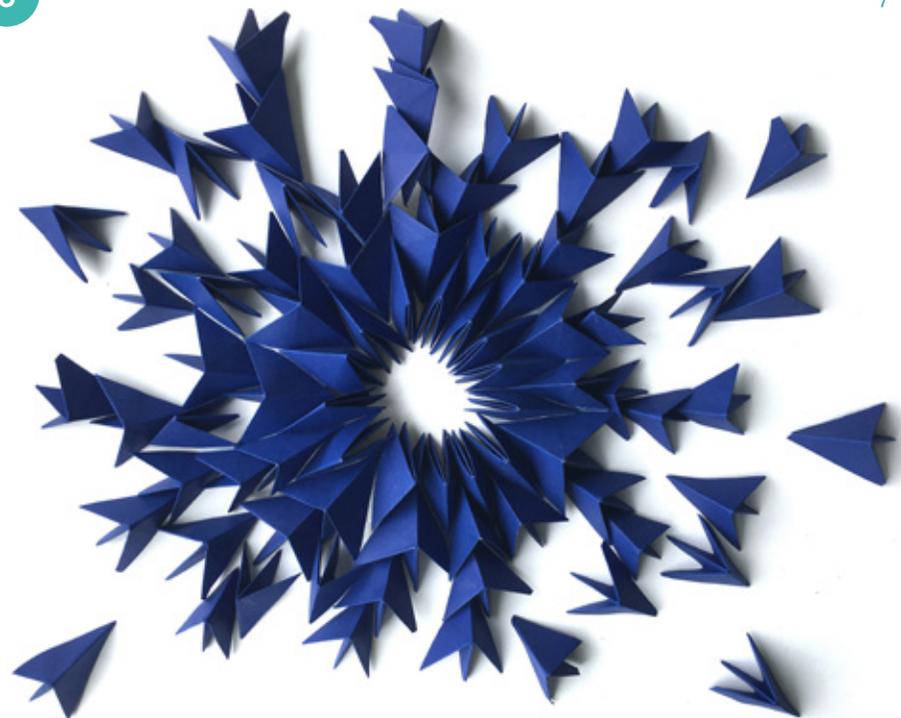
4. Once you have made a length long enough you will be able to make a circle. Attach the two ends together with tape.
5. Keep adding elements as you move clockwise or anticlockwise around the wall piece. You can keep going until you feel that the piece is complete. If you would like to hang your wall piece, you can do so using two or three nail pins. Please make sure to share images via Instagram @naomi_mcintosh as the maker would love to see how you make this project your own. [instagram.com/naomi_mcintosh/](https://www.instagram.com/naomi_mcintosh/)

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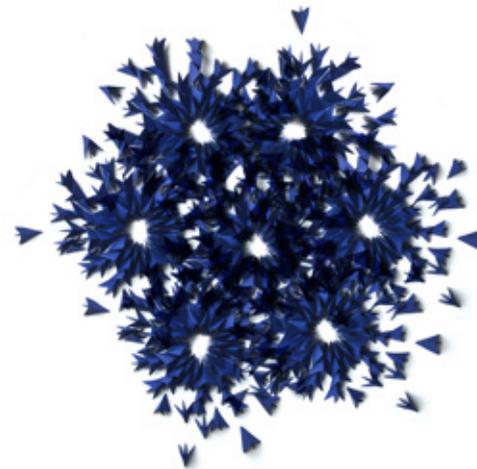
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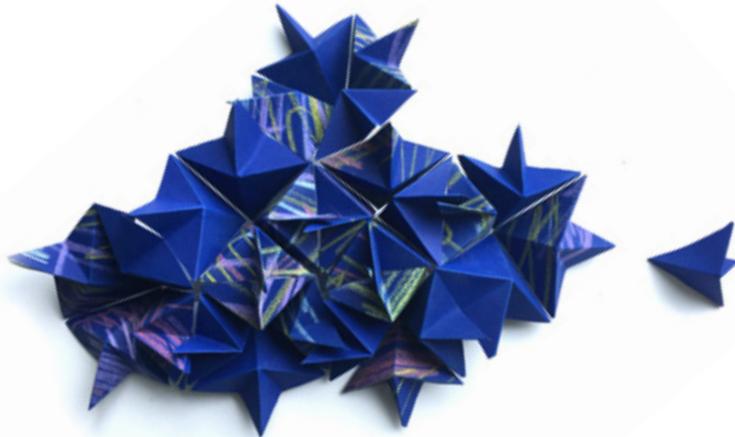
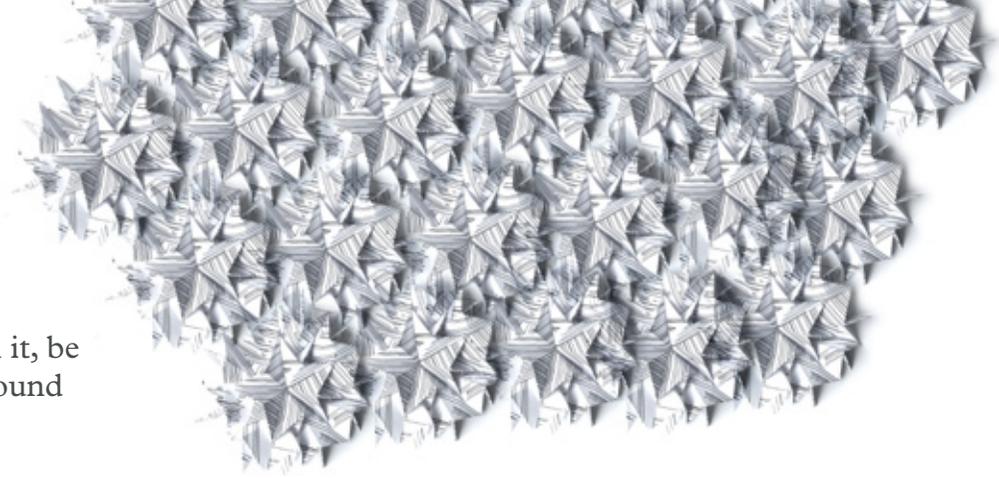
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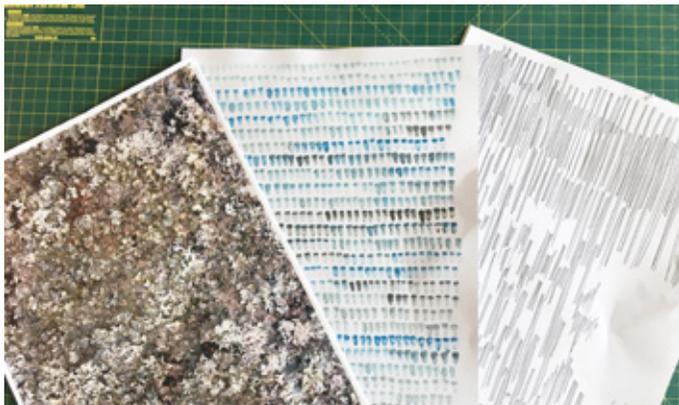
TIPS

- 1 Use paper that interests you. Paint or draw on it, be playful! Here, Naomi has used old drawings found in her studio.



- 2 There are lots of different ways the component parts can fit together. Experiment and find your own unique patterns and ways of working.

- 3 Make your own component parts. This way of working has infinite possibilities and by making folded, layered or rolled shapes and connecting them together you will explore interesting and unexpected geometry.



The Maker

Naomi McIntosh

Naomi McIntosh is a designer and artist maker. She studied Architecture at the Bartlett School of Architecture University College, London, and has a Masters Degree in Design from Central Saint Martins, London. Jewellery is at the core of her practice, produced by combining a broad range of skills using digital and hand processes taking inspiration from movement, patterns, architecture, landscape and the natural world. By using planes and lines, forms are suggested, capturing volumes, transforming 2D surfaces into 3D objects. Using qualities found in her jewellery she works on different scales from sculptural objects to installations. With precise geometry the pieces explore the relationship between the body and objects and how volumes, patterns, planes and forms are seen.

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