

How many coins can you fit in your paper boat?

Have a go at making both of the oragami boats below to see whether the shape of a boat can affect the amount coins (passengers) your boat can hold.

If you would like to feature on our website or social media channels holding your boat, please ask a parent or guardian to help you complete our permissions form and send it back to us with a photograph of you and your boat.

STEMChallenge@bmtglobal.com

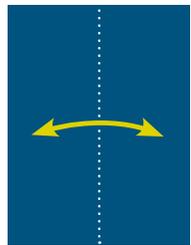
At BMT we have a team of architects and engineers who design a range of different ships, all different types and lengths!

Follow the guidance on the following page to make your own paper boat. We then challenge you to see how many coins you can fit into your boat before it sinks! Tip – use the lighter coins.

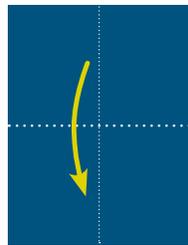
(Use the bath, the sink or a bucket to test your boat)

Send us a picture of your paper boat floating with the coins, for a chance to get on our leaderboard!

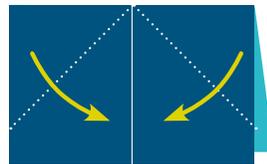
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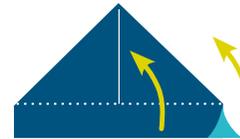
1. Fold in half



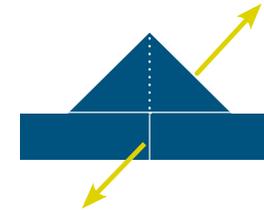
2. Fold in half again



3. Fold in corners



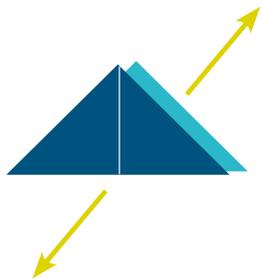
4. Fold up edges on both sides



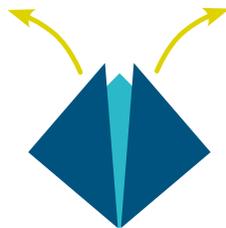
5. Pull the sides out and flatten



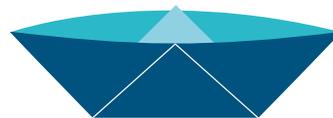
6. Fold front and back layers up



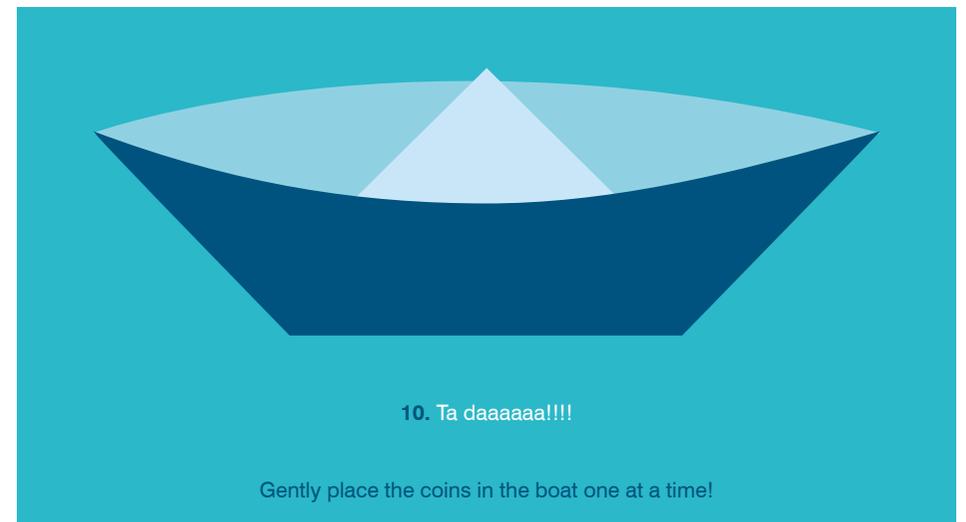
7. Pull sides apart and flatten



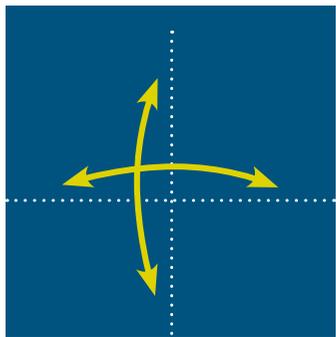
8. Pull top flaps outwards



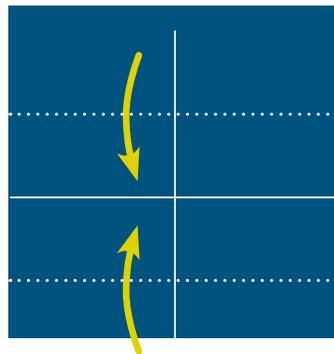
9. Squish the bottom and pull the sides up



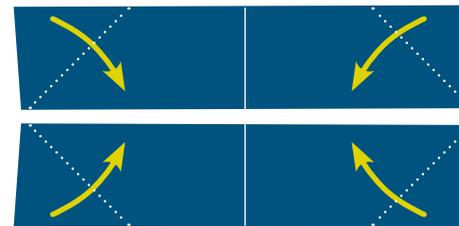
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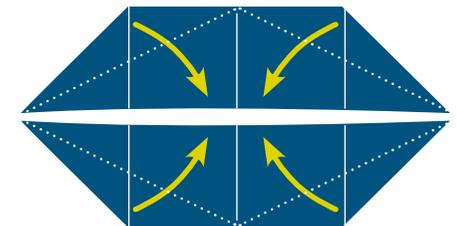
1. Fold in the dotted lines to make crease and fold back



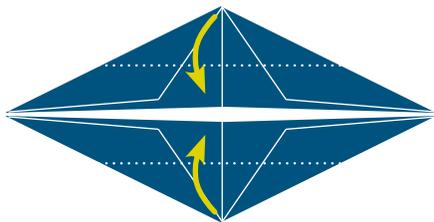
2. Fold in the dotted lines to meet the center line



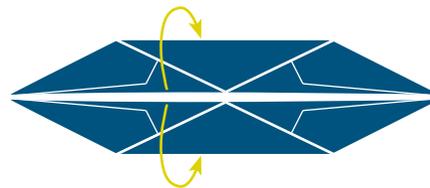
3. Fold in the dotted lines



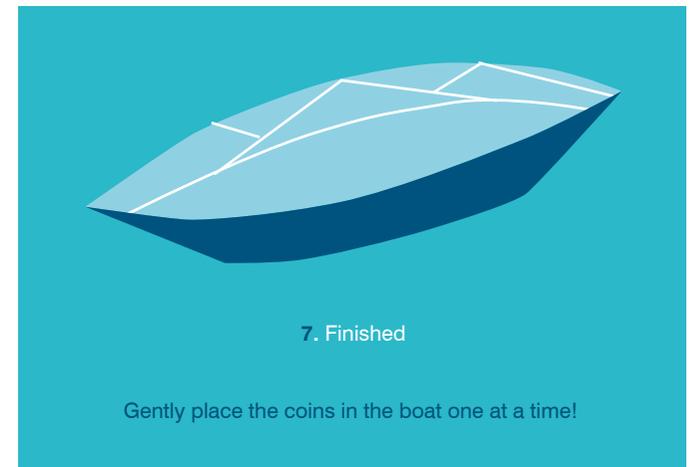
4. Fold in the dotted lines



5. Fold in the dotted lines



6. Open the pocket and turn inside out



7. Finished

Gently place the coins in the boat one at a time!

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