

This month, we're going to explore **folding**. Folding is the act of bringing sides together - this is why we fold our clothing; in bringing seams and edges of our clothing together, the bodies or flat surfaces of our clothes can stay flat and wrinkle free. We fold paper to make new sides creases which create boundaries, isolated surfaces and sides (like in greeting cards), and shapes (like in origami).

For this activity, we'll need:

- A piece of paper.
- A mark making tool (anything that can mark up the paper - but we suggest pencils, crayons, pencil crayons, or markers for this activity).

Watch as we explore Folding on YouTube

<https://www.youtube.com/user/artstarts/videos>

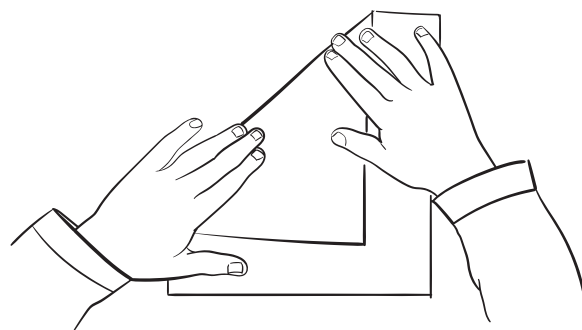
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<https://facebook.com/artstarts>

For this activity, we're going to challenge ourselves to see how many times we can fold a piece of paper. This challenge is fun to play by yourself, but you could also challenge a friend or another person and watch each other as you come up with different strategies to beat their score! Try not to challenge each other to beat your score but instead to come up with new ideas and ways to fold the paper. When someone comes up with a new idea, how many folds can you create? What about with different paper? What happens when you use your non-dominant or your mouth to create the folds? Challenge each other to come up with new ways to fold, rather than using a high score number to compare your folding skills!

When you've folded a piece of paper as many times as you can, unfold it. Using your mark making tool, try to mark or fill in each section. What do you notice about the shapes as you fill them in? Can you tell which folds you did first? Can you find the crease or edge from your last fold? What do you notice?

Try folding up the page again. Do you fold the same number as last time? What happens to the shapes and spaces you filled in?



Vocabulary. What do you notice?

Words about folding.

edges	open	sides
crease	dimension	doubled
spines	thickness	boundaries
surface	flip	over
	sections	

What happens when you:

- fold with your eyes closed or fold behind your back?
- fold using one hand or no hands?
- fold using one of your hands and someone else's hand to fold the page?