

Year 1: Division: Draw half / quarter of a square etc

Fortune Tellers/Chatterboxes



Aim of the Game

Enjoy making a fortune teller / chatterbox to play with (using mathematical vocabulary!).

You will need



If they are already an expert...

- Let them show how to make a fortune teller and notice if they are using many maths words to describe what they are doing.
- Challenge them to instruct you using as many words from the maths words list as they can. Making mistakes here can encourage them to be clear!
- When writing/drawing the on the parts - let them complete one with their own (appropriate) ideas first. The second one can have more mathematical links e.g. shape, numbers, calculations to solve.

If they are not an expert already...

- Follow instructions together or show them how to make one, describing what you are doing with mathematical language from the word list.

<https://www.wikihow.com/Fold-a-Fortune-Teller>



Play

- Spend time enjoying using maths words to make and play with the Fortune Teller together!

Reflect

- Which Fortune Teller do you like the most? Why?
- Could you make one if you didn't know how to make halves? Why?

Adapt

- Have one already made and undo it - count how many folds they are, look at the pattern of creases, describe what you see together.
- Colour half of the square - how could you do it? Is there more than one way?
- What if you used a bigger piece of paper?
- Could you do it with your eyes closed?!

Maths talk

In this game, children build on their **understanding of equal parts and fractions as well as shape and space**.

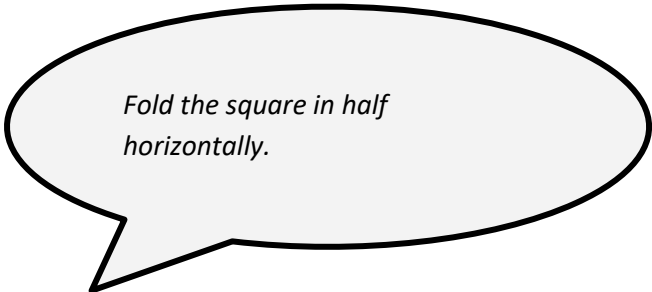
- See the values of halves and quarters in shapes.
- Talk about how fractions and shapes are used in their everyday lives.
- Develop their sense of play.
- Feel more confident and comfortable with the language of Mathematics

Things to look out for

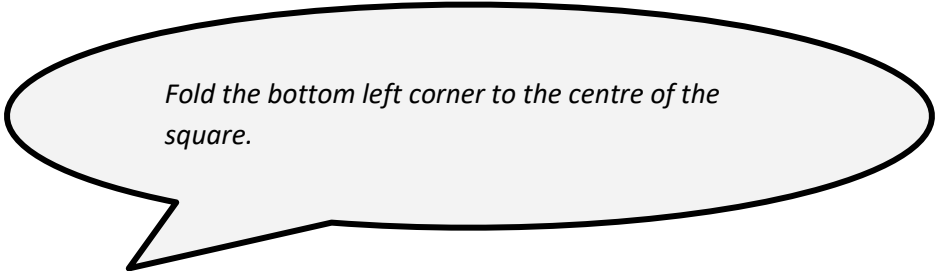
- Can they fold the paper in half in different ways? Can they do it accurately?
- Do they know their left and right?
- Do they have difficulties with fine motor skills (folding, creasing, writing, holding)?
- Do they understand the maths vocabulary well?

Mathematical Language

- *Rectangle, square, triangle, half, quarters, horizontal, diagonal, equal, straight, left, right, top, bottom, centre, sides, edges.*
- Talk through the list, any unknown words or misconceptions can be covered during the making.



Fold the square in half horizontally.



Fold the bottom left corner to the centre of the square.