

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.

