

## SCISSORS, PAPER, ROCK

Game for 2 players



For scissors hold out 2 fingers like a pair of scissors.

For paper hold your hand out flat.

For rock clench your hand into a fist.

Count 3, 2, 1 and then both players, at the same time, make one of the signs: scissors, or paper or rock.

Scissors beats paper, paper beats rock and rock beats scissors.

It is a draw if both players make the same sign.

Play the game often and enjoy it.



**SPR Wide-Splits** - In China people play this game standing up facing their opponent. They start with their feet together and when they lose they step to one side so that their feet get further apart. After a while they are doing the splits. Play this game and see who can last longest before giving up or falling over.

**SPR Forward-Splits** – A game for two players who should be roughly the same

height. Start the game toe to toe and each player has their other foot toe to heel behind. Play one round of SPR. Whoever wins takes their front foot and puts it directly behind their back foot. Whoever loses that round must slide their front foot forward to meet toe to toe with their opponent again. Another round of SPR is played. Whoever wins takes their front foot and puts it directly behind their back foot. Whoever loses that round must slide their front foot forward to meet toe to toe with their opponent again. This continues until someone loses their balance and falls over or ends up in the splits! Watch this video <https://youtu.be/dN8xaC-g8Rk> to see how the game is played.



## LEARN THE MATHS

Play the game with a friend 10 times and keep a record of the results.

Player 1	Paper	Scissors	
Player 2	Rock	Rock	
Winner	Player 1	Player 2	

Is it a fair game? Did you both have the same chance of winning?

List all the different possible events that can happen each time you play this game. Did all these events happen in your 10 games?

What makes you decide which sign to make? Give your reasons.

Are you equally likely to make the scissors sign, the paper sign or the rock sign? Explain why.

## HELP

This table is not for recording the results of the games you play. It gives **all the different results that could happen**. Fill in the other boxes. The table has been started for you.

PLAYER 1	SCISSORS	SCISSORS	SCISSORS						
PLAYER 2	SCISSORS	PAPER	ROCK						
WINNER	DRAW	1	2						

## NEXT

Make up a similar game with 4 actions instead of 3. Play your game and record the results. Is your game a fair game?