NLC Maths and Numeracy Learning at Home

First Level: Ideas of Chance and Uncertainty

Chance Challenge

The chance of a particular event happening can certain, possible, unlikely or impossible.

Cut out these circles. There are 10 red and 10 blue. Mix them up and with a partner, take it in turns to close your eyes and pick ten. Write down your results and mix up the circles again for your partner to choose.   Do this 5 times each.

Once you both have the results from 5 turns, discuss your results and these statements. Say if each statement is impossible, possible or certain to happen.

Player A picks all the red circles and player B picks all the blue circles.
Player A picks purple circles.
Player A and Player B both pick exactly the same number of red and blue circles.
Player A and Player B will pick 10 counters each.

Can you come up with another 2 statements and say if they are impossible, possible or certain to happen. Make sure you can explain why.