Skittles

Purpose:
The purpose of this activity is to help your child learn the addition and subtraction facts of 10. For example, 2 + 8 = 10 and 10 - 8 = 2.

Link to Number Framework:
Number Facts, Stages 0-3

What you need:
- A set of 10 skittles. You can make these using empty plastic bottles with a little sand or water in them to help them balance.
- Two balls

What to do:
- Set up skittles in a 4, 3, 2, 1 triangular array. You can draw circles on the ground (if outside) or place these on a piece of material or sheet of plastic with circles drawn on (if inside), to help children place these correctly.
- The child rolls the ball. Talk about how many skittles have fallen, for example if three skittles are down:
    - *How many skittles are standing? 7*
    - *How many skittles have fallen? 3*
    - *We can say 7 and 3 is 10, or 10 take away 3 is 7*
- It is important to focus on both addition and subtraction facts to help your child understand the link between these.
- Help your child to write the addition and subtraction facts on a piece of paper:
    - *7 + 3 = 10*
    - *10 - 3 + 7*
- Set up the skittles again and repeat.

What to expect your child to do:
- Know the answer to addition facts to 10 without having to calculate:

0 + 10 = 10	10 + 0 = 10
1 + 9 = 10	9 + 1 = 10
2 + 8 = 10	8 + 2 = 10
3 + 7 = 10	7 + 3 = 10
4 + 6 = 10	6 + 4 = 10
5 + 5 = 10	

- Know the answer to subtraction facts of 10 without having to calculate:

10 - 1 = 9	10 - 9 = 1
10 - 2 = 8	10 - 8 = 2
10 - 3 = 7	10 - 7 = 3
10 - 4 = 6	10 - 6 = 4
10 - 5 = 5	10 - 10 = 0
10 - 0 = 10	